

समेकित बाल विकास सेवाओं के तीन दशक

- एक मूल्यांकन



राष्ट्रीय जन सहयोग एवं बाल विकास संस्थान

I ešdr cky fodkl I okvkadsrhu n'kd

, d eW; kədu



jk"Vh; tu I g; kx , oacky fodkl I ĀFku

5] I hjh bāVhV; wkuy , fj; k

gkšt [kkI] ubzfnYyh - 110016



i dkl'ku o"lz%2006

idk'kd

jk"Vh; tu l g; kx , oacky fodkl l lFkku
5] l hjh blVhV; wkuy , fj ; k] gkSt [kkI] ubZfnYyh - 110016

end

pnqidl] Mh-97] 'kdj i g] fnYyh - 110092







सत्यमेव जयते

REVA NAYYAR

Secretary

Tel. : 23383586, Telefax : 23381495

E-mail : secy.wcd@nic.in

भारत सरकार

महिला एवं बाल विकास मंत्रालय

शास्त्री भवन, नई दिल्ली - 110 001

GOVERNMENT OF INDIA

MINISTRY OF WOMEN & CHILD DEVELOPMENT

SHASTRI BHAWAN, NEW DELHI - 110 001

Website : <http://www.wcd.nic.in>

वकेटक

u, iz ksx dsrkj ij 1975 eavkjEHk fd; k x; k l efd r cky fodkl l ok dk; De ckn dso"kkā ea fo'o dsVR; fekd vf}rh; 'kskokoLFkk fodkl dk; De ds: i eamHkj dj l keusvk; k gā ; g dk; De u dōy cstkm+gScFYd l okvkadk , d k l efd r vjś foLr r i sst i nku d jr k g s t k s 6 o" k z l sde voLFkk dscPpkavjś mudh ekrkvkadh vkekkjHkur vko'; drkvkavjś t: jrkdksgj n"V l sij k djā bl dk; De dsrgr nh tkusokyh l ok, aokLrfod : i l s, d s?kVd gā t k s c f u ; knh Lrj ij ekuo l d keku fodfl r fd, tkusdks i k r l k fgr d jrsgā

vukj pkfjd f'k{kk} ij d i kskd vkgkj] Vhdkdj .k] LokLF; tkp] l mHkz l ok, j cPpkā xHkzrh ekrkvka vjś nmk fi ykusokyh ekrkvkadsfy, LokLF; , oai kskd vkgkj f'k{kk ds?kVd nh tkusokys l efd r cky fodkl l ok dk; De dsVRxh l ok i sst dsvko'; d vā gā rhu o" k z l sNks/scPpkadh n[kHky djus okykadks 'kskokoLFkk n[kjś k rFkk ij .kk nōj mudh {kerk eaof) djuk bl dk; De dh VR; fekd jkpd fo' kskrk gā l efd r cky fodkl dk; De uscPpkadh mūkj thfork] fodkl rFkk l j {k.k vjś ml l edkyhu l kelftd okroj .k eal fō; Hkiedk fuHkdj] vi usfy, fo' ksk LFku l j f {kr dj fy; k g s ft l eacPpsjgr} c<fsvjś fodfl r gkrsgā

bl dk; De usvi uh cstkm+vjś foLrkfjr fo' kskrkvka dsdkj .k geskk gh ; kst ukdjkj k i z kkl dkarFkk 'kkēdrkz/ka dk è; ku mYyś kuh; rkj ij vi uh vjś [khpok gā ; gkabl ckr dk mYyś k djuk 'kk; n vko'; d ughagsfd bl dk; De dsy{; l egkaij i Meusokys i Hkko dk eV; ka du djusvFkok i rk ykus dsfy, l e; & l e; ij 'kkēk vē; ; u fd, tkrjsggā rRdkyhu efgyk , oacky fodkl foHkx us1990 ea; g i rk ykusdsfy, , d eV; oku vē; ; u dh ftEenkjh jk"Vh; tu l g; ksx , oacky fodkl l LFku ij Mkyh Fkh fd cPpkavjś efgyvkaij bl dk; De dk D; k i Hkko i Mk-gsvjś bl dk; De dsdk; kōo; u eafdl i zdkj dh ckēk, agārFkk fdu&fdu mi k; ka dks vi ukdj bl svjś cgrj cuk; k tk l drk gā ; g vē; ; u jk"Vh; tu l g; ksx , oacky fodkl l LFku }kj k 1990&92 ds n[k ku fd; k x; k] ft l ea 100 l efd r cky fodkl l ok i f j ; kst ukvka dks 'kkfey fd; k x; k Fkka

rc l sydj vc rd l efd r cky fodkl l ok dk; De dk dkQh foLrkj gā k fnl Ecj 2004 eanś k ea, d h 5652 i f j ; kst uk, adk; j r Fkha bu eal s4533 i f j ; kst uk, axteh.k {ks-kaej 759 vkfnokl h {ks-ka earFkk 360 'kgjh {ks-kaeapy jgh Fkha bu i f j ; kst ukvka dsbl VR; fekd foLrkj dks n[k rsgq ; g egl w



fd; k tkusyxx Fkk fd bl dk; Øe dk jk"Vh; Lrj ij , d ckj fQj folr eW; ka du ve; ; u djok; k tkuk pkfg, A efgyk , oacky fodkl ea=ky; bl dk; Øe dsdk; kØo; u ds l eLr igyq/ka dk folr eW; ka du dju\$ ftl eabl dk; Øe ds vHkh"V ykHkKfFkz; ka ij bl ds i Hkko dk eW; ka du Hkh 'kkfey Fkkj dk dk; HkKj jk"Vh; tu l g; kx , oacky fodkl l Hkku dks l kA ; g ve; ; u ijs nsk ea QSyh 150 i fj; kst ukvka ds l aak eafd; k x; kA bl ve; ; u ds vufxur jkpd ifj .kke l keusvk, gA ; si fj .kke vl; ckrka ds l kFk&l kFk ; g Hkh crkrsgdf cPpkads tle ds l e; mudsotu eamYy\$kuh; of) gPZ g\$ l Hkh xM/kaeadq k\$kr cPpkadh i fr' krrk eaHkKjh deh gPZg\$ fi Nysdbzo"kkadsnk\$ku cPpkadh LokLF; tkp eac<krjh gPZgA Vhdkdj .k dk; Øe dsnk; jseavk\$ cPpkads' kkfey fd; k x; k gA bl vuojr vk\$ vFkd ; k=k dk og Hkh i {k mtexj gpk gsft l ; k=k dsnk\$ku bl dk; Øe usl ekt ds ofpr oxl dsthou dse\$; igyq/ka ij viuh vej Nki NkMh gA ve; ; u ds vufxur i fj .kkeadksn\$krsgq] ge l e\$dr cky fodkl l ok dk; Øe ds mu i Hkkoadh izka k fd, fcuk ds sjg l drsg\$ tksdk; Øe dsy{; l eW/ka ij i Ms-gA ; g ve; ; u cPpkavk\$ efgykvkads i fr nsk dh i fr c) rk dk thrk&tkxrk nLrkost g\$ ftu m\$; ka dks ydj bl dk; Øe dh l dYi uk dh xBzFkA

; g eW; ka du ve; ; u , drjOk ughagA ; g ve; ; u mu dfe; kadh vk\$ Hkh e; ku fnykrk gStksbl dk; Øe dsdk; kØo; u ds nk\$ku jg xBz gA vk\$ ftudk fujkdj .k djuk gekjh i Fke i kFkfedrk vk\$ l jskdj gA bu dfe; ka dks nij djusdk iz kl efgyk , oacky fodkl ea=ky; }kj k X; kgjoha i po"khz ; kst uk dsnk\$ku fd; k tk, xk] bl eafd l h izdkj dksdkbz l ng ughagA

eW; ka du ve; ; u ds bl mRd"V dk; Zdsfy, eabl ve; ; u l stM\$jk"Vh; tu l g; kx , oacky fodkl l Hkku ds LVkQ rFk QdYVh dkscekbbZnrh gP ftUgkaus bl dk; Z dks fuekkZjr vof/k ea i jk dj fn; kA bl egku dk; Zeaekxh' kZ dsfy, eal Hkku dh i wZfun\$kd MKWvkn' kZ' kekZvk\$ l Ei fr fun\$kd MKW, - ds xk\$ ky dh l jkguk djrh gA eal a Dr fun\$kd MKWv' kkd d\$kj] l gk; d fun\$kd Jh l Hk' kh" k jk; rFk Hkj r d\$kj rFk 'kkk l gk; d Jh , p-i h- tskh dks Hkh ekU; okn djrh gP ftUgkaus dMh egur dj bl ve; ; u dks vflre : i fn; kA eavfr vYi l e; eavka Ms, d= djuseal kFkd l g; kx dsfy, e\$; ky; vk\$ l Hkku ds l Hkh pkjka {ks=h; d\$nkads QdYVh l nL; ka }kj k fn, x, ; kx nku dh izka k djrh gA e\$efgyk , oacky fodkl ea=ky; eadk; jr l ka\$; dh l ygdj l qh , l - t; ky{eh dk fo' ksk vkHkKj 0; Dr djrh gP ftUgkaus d\$y l ka\$; dh fo' ysk .k dsfy, bl fj i k\$Zdk xgu ve; ; u fd; k cfYd bl dk l Ei knu Hkh fd; kA

eal ed{k l kFk l eW ds l Hkh l nL; ka ds i fr Hkh vkHkKj 0; Dr djrh gP ftUgkaus bl fj i k\$Zdksvflre : i nuseavi uscgeW; l pko fn, A

1/2ok u\$ j 1/2

l fpo

efgyk , oacky fodkl ea=ky;

, oami k/; {k} jk"Vh; tu l g; kx , oacky fodkl l Hkku



vkHkj

; g ekStmk vè; ; u l ÆFkku usefgyk , oacky fodkl eæky; dh l fpo vkš l ÆFkku dh mi kè; {k Jherh jøk uš j dsvujkèk ij fd; k FkA bl vè; ; u dk eç; è; ku xteh.k 'kgjh vkš vkfnokl h {ks=ka ea l jdkj }kjk l pkyfyr l ešdr cky fodkl l øk dk; Øe dsdk; kzo; u dh ekStmk i) frj bl i fØ; k dsnkšku dk; kzo; u dsekzæavkusokyh dfBukb; kavkš dfe; k l ÆFkkuh; fudk; kavkš l epk; l sfeyus okyh l gk; rk vkš l efkz dsizdkj] vU; fodkl dk; Øekads l kFk l ešdr cky fodkl l øk dk; Øe ds chp varj l eak vkš p; fur ifj .kkfed l dšrka dsvk/kkj ij dk; Øe dsykHk ij dšUnr FkA bl vè; ; u ea150 ifj; kstukvka dks' kkfey fd; k x; k] ft l dk foLrkj 'kgjh] xteh.k rFkk vkfnokl h {ks=ka rd FkA ; g vè; ; u nš k dsl Hkh 28 jkT; ka rFkk 7 l æk 'kkf l r {ks=ka eadk; j r ij; kstukvka dsl anHkZeafd; k x; kA bl vè; ; u eadø y mlgha l ešdr cky fodkl l øk ifj; kstukvka dks' kkfey fd; k x; k] ft l ga pyrs gq U; ure ikp o"lz gks x, FkA

epšbl ckr dk mYys [k djrsgq cgn [kq kh gšfd bruk cMk vè; ; u ukSeghukadsfuèkkz j r l e; eagh ij k gks x; kA ; g bl ckr dk ifjpk; d gšfd vè; ; u djusrFkk bl dh fj i kšZrš kj djus dsl Hkh Lrjka ij vl k/kkj .k l ello; vkš l g; ks dh Hkkouk l sVhe odZfd; k x; k gA ešbl vè; ; u ea' kkfey l Hkh ykška dsl vè; ; u dsfofHkUu pj .kka eafn, x, l g; ks l svfHkHkur gA

'kæ#vkr dsrkš ij ešl cl sigysbl l ÆFkku dh i øZfunškd MKW vkn' kZ' kekZ dsi fr gkfnZl vkHkj 0; Dr djrh g] ftudk l g; ks vkš ekxh' kZu bl vè; ; u dsvkjEHk l svar rd feyk gA bl vè; ; u dsgj pj .k ij muds }kjk fn [kkbzxbz#fp vkš fn, x, cgeW; l økoka l s; g vè; ; u vdknfed n"V vkš rdudh n"V l si fj i wkZgks x; k gA bl l ÆFkku dsvij funškd] MKWfnušk iky fo'kšk : i l sèkU; okn ds i k= gš ftudk l g; ks vkš eW; oku l øko vè; ; u dsnkšku i ktr gq A ešbl l ÆFkku ds i øZvij funškd Jh ds dsl fl ø dk Hkh gkfnZl vkHkj i dV djrk g] ftUgkaus bl vè; ; u dsfy, ijke'kžkrk ds : i eadke djrsgq u døy vè; ; u dh l øYi uk dh cfYd vè; ; u dsfMtkbu vkš vè; ; u dsmi dj .k rš kj fd, A vè; ; u {ks= l svka dMs, d= fd, vkš fj i kšZdk i k: i rš kj fd; kA l ešdr cky fodkl l økvka dsk; ZrkZvka dsi f' k{k.k dsnkšku FkkMš FkkMš l e; dsfy, fdUr qfuj rj mi flFkr l sbl vè; ; u ea cgr l gk; rk feyhA

bl l ÆFkku dsl a ør funškd MKW v' kkd døkj fo'kšk : i l sejsèkU; okn ds i k= gš ftUgkaus; g l fuf' pr fd; k fd ; g vè; ; u fuèkkz j r l e; & l hek dsHkhrj ij k gks tk, A ; g MKW v' kkd døkj gh Fks ftUgkaus vi uh Vhe dsl kFk fnu&jkr dke djds bl nq kè; dk; Z dks l øj cuk; kA bl l kjh i fØ; k ds nkšku mlga jk"Vh; tu l g; ks , oacky fodkl l ÆFkku dseç; ky; l sl gk; d funškd Jh l Hkk' kh" k jk; vkš 'kšèk l gk; d Jh , p-i-h- tšk kh] {ks=h; dšnj y [kuÅ dsl gk; d funškd Jh Hkj r døkj dk l fØ; l g; ks l nš feyrk jgA ešvè; ; u dks ij k gks eamudsl g; ks dsfy, mudk vkHkjh gA ešvè; ; u



ds'k#vkrh nkš eal a Ør funskd Jh , -ds unak ds l g; kx dk mYy[k Hkh djuk pkgæKA Jh unak us
vè; ; u l sl æfækr foHkku izkkl fud ekeykadksl y>kuseagekjh enn dhA bl l æFkku dh mi &funskd
Jherh ehuk{kh l m vkš efgyk vkš cky i y[ku dñnzeadk; j r l qh nhi k xxZdksfo' kš ækU; okn nrsk gñ
ftUgkausf}rh; l ksrka l s vkadMs, d= djuseal g; kx fn; kA eš MKW Mh-Mh- i kM/s vkš MKW l æ; k xqrk
l gk; d funskdka dk Hkh vkHkkjh gñ ftUgkausvè; ; u dsmi dj .kka dksvære : i fn; kA

eš l æFkku dseq[; ky; vkš {ks=h; dñnkads l Hkh QšYVh l nL; kadsifr vkHkkj izdV djrk gñ tks
fo' kš : i l sbl vè; ; u dsfy, vkadMs t/ kusdsdke eayxsjgsgæ bu vkadMka ds vHkko eal æFkku ds
fy, bl vè; ; u dksdj i kuk l Hko ughaFkka eš l æFkku kHkko dsdkj .k l Hkh 0; fDr; kadk 0; fDrxr rkš ij
uke u ysikusvFkok izdkf'kr u dj i kusdsfy, Hkh {keki kFkhZgæ tksifj; kstuk LVkQ vkš bu; æjv/ j vkadMs
, d= djusdsdke eayxsFkš os l Hkh ækU; okn ds i k= gæ

vkadMka dh i kš s l æ vkš fo' yš .k dk; Zdjusdsfy, l Hkh izdkj dh l gk; rk mi yčæ djokusdsfy,
eš eš l ZU; wdUl šV buQkVæsku fl LVe dk gn; l svkHkkj 0; Dr djrk gæ eš l æFkku ds l Ei kn d Jh , p-
ds cMæoky dsifr Hkh vkHkkj izdV djrk gñ ftUgkausfji kš/Z dh i k. Mfyfi dksi <k vkš ml ds l æk eavi us
l qko fn, A

fuckZk : i l sl gk; rk inku djusdsfy, eš l keku; l øk i Hkkx] fo' kš : i l sl a Ør funskd ¼ h-
, l -½ Jh , l -ds JhokLro dk vkHkkjh gæ eš izdk'ku vfekdkjh Jh , -ts dksy dk gkfnZd vkHkkj izdV djrk
gñ ftUgkausfji kš/Z ds izdk'ku vkš epz k dk dk; Zvi uh n[kj[k eadjok; kA eš fji kš/Z dk i k: i rš kj djus
dsdk; ZeayxsLVkQ dk Hkh ækU; okn djrk gæ

eš l ed{k l kFk l emy ds l Hkh l nL; kadk muds}kj k fn, x, cgæV; l qkoka rFk fVl i f .k; kadsfy,
Hkh vkHkkjh gñ ftul sgeafji kš/Z dksvære : i nuseai ; kZr l gk; rk feyhA eš bl vol j ij l Hkh jkT;
l jdkjka rFk mu xš&l jdkjh l æBuka dks Hkh ækU; okn nrsk pkgrk gñ tks l ešdr cky fodkl l øk
ifj; kstukvkadk l pkyu dj jgsgævkš ftUgkausvè; ; u dsfy, vkadMs, d= djuseal gk; rk nh gæ vUr
eš yšdu fdl h Hkh ek; useade egłoi wkZughæ eš efgyk , oacky fodkl eæky; dh l fpo , oajk"Vh;
l g; kx , oacky fodkl l æFkku dh mi kè; {k Jherh jøk uš j dk gn; l svkHkkj 0; Dr djrk gñ tksgekjs
fy, l Ei wkZvè; ; u dsnkš ku ij .kk dk vUr l ksr cuh jghavkš cgæV; l qkoka l fgr ekxh'kd cu l nš
gekjs l kFk jghæ

श्री ०११५१२
, -as xks ky
funskd



i fj ; kstuk ny

jk"Vh; tu l g; ksx , oacky fodkl l .Fkku

i žku l ello; d

, -ds xki ky

funškd

i žku l gl ello; d

fnušk i kly

vij funškd

l a žr funškd

v'kkl dčkj

, -ds unk

i jke' kžkrk

ds ds fl ž

fMtkbu vksj VWI dh rš kjh

dsds fl ž

v'kkl dčkj

, -ds unk

ehuk{kh l m

Mh-Mh- i k&ls

l ž; k xžrk

ch- l kgw

rftUnz dksj

dsth- tkWZ

eatq [kUuk

, p-i-h- tks kh

MkVk l xg.k

eč; ky;

dsds fl ž] i jke' kžkrk

mi funškd

i hre l akq

dsth- d". kkefirz

fuežy fVDdw

, l -l h- JhokLro

l gk; d funškd

eukjek dksy

Mh-Mh- i k&ls

jfolunz fl ž

l ž; k xžrk

ch- l kgw

vud žku l gk; d

vkuln dčkj

dsl h- tkWZ

eatq [kUuk

l rchj NkcMk

, p-i-h- tks kh



jk"Vh; tu I g; ks , oacky fodkl I LFkku ds {ks=h; dñnz

csxyj	xpkghVh	blnkj	y[kuÅ
{ks=h; funs'kd	{ks=h; funs'kd	{ks=h; funs'kd	{ks=h; funs'kd
Å"kk vcjky	ch-ds Hkêkpkthz	, e-, l - rkjk	eekqvxoky
mi funs'kd	I gk; d funs'kd	I gk; d funs'kd	I gk; d funs'kd
ch-, l - vujkekk	Vh- nq nq	i qy ckd	I yhy døkj
I gk; d funs'kd	, l -th- tks kh	rks/ki bk	I w ðf.k feJk
, l -ds f=i kBh	ehuk{kh jsks	jkts'k feJk	oh-Mh- xMdj
eatq<ksM; ky	I gk; d funs'kd	i h-ts fQfyll	, u- [kku
vuhy oh-ch- I kgw	, l - cfjd	vuq àkku I gk; d	, l -vkj- 'kekZ
Mh-vkj- fot; y{eh		, l -th- xaxj	, e- Hkjr døkj
vuq àkku I gk; d		'kf'k dyk cknjk	
, l -ds vjfoln		eðkhj vkye	
th- T; kfr			
i h-, l - eatpkFkk			

i z kkfl d I gk; rk
I a Ør funs'kd
 , l -ds JhokLro

mi funs'kd
 th-ch- JhokLro

ys[kkva dk j [kj [kko@i kd fl x
 i h-ds 'kekZ
 Mh-, u- dkgyh

fj ikWZ r\$ kj djuk

fo"k; &oLrq%, -ds xki ky
 v'kkd døkj
 I Hkk' kh"k js
 , e- Hkjr døkj
 dsds fl g

vuq àkku i qjh{kk	fo"k; -oLrq	xkfQDI	'kCn I d k/ku	ys/kmV rFkk izdk'ku
ehuk{kh I n rFkk	, fMFVx	, e- Hkjr døkj	dey'sk c=k	, -ts dky
nhi k xxZ	, p-ds cMFoky		ekguu ds	fn0; k ykgM+
			etqryh	T; kfr I Bh
			jhVk	



fo"k; -I ꝥh

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fj i & VZ I kj

fj i kvZ I kj

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I efdr cky fodkl I ok Ldhe ds dkj.k thfor jguš thouoekZu] I j{k.k , oa fodkl ds cky vfekdj dks I fuf'pr djus rFkk ftl I ekt ea os thrs gš cMš gkrš gš rFkk viuk fodkl djrs gš ml I ekt ea viuh I fØ; Hkkxhnhkj fuhkkus ds fy, fi NysdN o"Kkã ds ntš ku gekjs I keftd&l kãdfrd izkkyh eaegUoi wkZdk; Zgãk gš bl eaI Hkh I kãdfrd i) fr; ka vKš mudh fofokrk dks è; ku ea j [krs gq cky&dšUnr dk; Øe I fgr , d 0; ki d eè; LFkrk dk; Øe ds tfj, ykdi kou dk; Z dks I kdj djus dk iz kl fd; k x; k gš rFkk I ekt dh I keftd vl ekrkvka dks nij djus ds fy, , d ifjorZudkjh gfFk; kj ds : i ea dk; Z fd; k gš

, deqr I ok inku djus dh voëkkj.kk e[; : i I s mu fopkjka ij vkekkfjr gš fd ; fn I efdr i) fr I s fHkUu&fHkUu izdkj dh I ok, a nh tk, a rks ml dk cgr vfekd i Hkko i Mækj D; kãd , d fo'kš I ok dh n{krk I æækr I okvka I s i klr I gk; rk ij fuHkZ djrh gš bl dk; Øe dh nu jh fo'kškrk ; g gš fd ; g ij; kst uk ds Lrj ij myi Cëk I Hkh I jdkjh I okvka dk mi ; kx djrk gš vKš ml s dk; kZUor djrk gš bl dh dk; &izdfr cg&{k=h; gš rFkk bl dk I Qyrki wZ dk; kZUo; u vlr-%{k=h; dk; kZed I ææka ij fuHkZ djrk gš ; g I æækr fohkxka ds chp I ello; LFkfr djus ds fy, cBda vk; kš tr djrk gš rFkk ij; kst uk Lrj ij ekš mK I jdkjh vol j p uk dk b"Vre mi ; kx I fuf'pr djrk gš

fd'kkj kã fd'kkš; ka vKš ofpr I eqk; ka dh efgykvka dh i kj Li fjd vko' ; drkvka dks i jk djus ds fy, I efdr cky fodkl I ok us vUR; kn;] y?kãcpr ; kst ukvka tš h vU; I okvka vKš dk; Øeka rFkk xteh.k fodkl] f'k{kk} i; kZj.k foKku rFkk i Kš kš x dh vKš , d sgh vU; fodkl dk; Øeka ds I kFk vFkI j.k dk vujkãk fd; k gš bl I e; ns k ea 5652 ij; kst uk, a dk; Z dj jgh gš ftl ea xteh.k {k=ka ea 4533} tutkrh; {k=ka ea 759 vKš 'kgjh {k=ka ea 360 ij; kst uk, a 1/4nI Ecj] 2004 dh fLFkr ds vuq kj 1/2 gš

I efdr cky fodkl I ok I sl æf/kr vuq æku

foxr eš ykHkkfFkZ; ka ij dk; Øe ds i Hkko dk eW; kãdu djus ds fy, dbZ kj vuq æku vè; ; u fd, x, A jk"Vh; Lrj ij I efdr cky fodkl I ok Ldhe ds I æk eadny nksckj eW; kãdu fd; k x; k gš igyh kj 1992 ea jk"Vh; tu I g; kx , oa cky fodkl I LFkku }kj k vKš nu jh kj 1998 ea jk"Vh; vkrFkZd , oa 0; ogkjd vuq æku ifj"kn }kj k fd; k

x; kA dk; Đe ds LFkk; hdj.k] xqkoUkk fu; æ.k vksj ofpr efgykvdks I lekftd rFkk vkfFkZd vfedkj ea of) dk; Đe dsegŕo dsckjsea tkx: drk vkfn ds I æak ea dŕN vè; ; u fd, x, gA , d k ns[kk x; k gS fd vfedkák vè; ; uka ea VpMka&VpMka ea tkudkj nh xbZgSrFkk buiŕ/ ds I kFk&I kFk vkmViŕ/ mi yCek djkus ea fofekor vè; ; u ugha fd; k x; k gA bu vè; ; uka eadk; Đe ds dk; kŕo; u rFkk yf{kr I engka ij bl ds iHkko ds I æak ea , d&ntŕ js ds fHkku&fHkku erkŕjka ij Hkh i; kŕr I k{; iLŕŕ ugha fd, x, gA ueusHkh cgr de ek=k eafy, x, gâft I I s0; ki d vuŕku ; k ifj.kke ugha fudy ik; k gA

bu vè; ; uka ds ekè; e I s dbZ egŕoi wkZ i kB I h[kus dks feys gA fQj Hkh] jk"Vh; Lrj ij I ešdr cky fodkl I ok dk; Đe dk eW; kađu djus ds fy, , d 0; ki d tkp djus dh vko'; drk dks vfr okNuh; I e>k x; k Fkk] D; kâd bl eavc rhu n'kd I svfedk dk I e; gks x; k gA

v/; ; u

ubZ I gl kŕn ds 'kq gksrsg h jk"Vh; Lrj ij I ešdr cky fodkl I ok dk; Đe dk eW; kađu djus ds fy, , d folrr vè; ; u djus dh vko'; drk egl ŕ dh xbZgS] D; kâd ; g dk; Đe vi usdk; kŕo; u ds rhu n'kd dks ijk djus tk jgk Fkka I ešdr cky fodkl dk; Đe ds dk; kŕo; u ds fy, ukMy ea=ky; efgyk , oa cky fodkl foHkx] tks vc efgyk , oa cky fodkl ea=ky;] Hkkjr I jdkj ds uke I s tkuk tkrk gS us bPNk 0; Dr dh fd jk"Vh; tu I g; kx , oa cky fodkl I ŕFkku vHkh"V ykHkFkZ; ka ij dk; Đe dk iHkko I fgr dk; Đe dk; kŕo; u ds I Hkh igypka dk 0; ki d eW; kađu djA rnuŕ kj jk"Vh; Lrj ij vè; ; u dk; Z fd; k x; kA fMyhojh izkkyh ea I ekkj djuŕ bl dh vfedkfedk igp I ŕuf' pr djus vksj X; kj goha i po"khZ ; kst uk ea bl dh Hkko ; kst ukvka dh

vkj è; ku nus I æakh ekeyka ij fu.kZ ysus ds mîs ; I sfu% ang bl izdkj dk dk; Zdjuk vko'; d I e>k tk jgk gA rnuŕ kj] I ŕFkku us bl dh ; kst uk cukbZ vkj oržku vè; ; u I æakh dk; Z fd; kA

vè; ; u dsmîs ;

vè; ; u ds fuEufyf[kr mîs ; Fk%

- dojst] vkmVjhp] I elo;] vHk j.k vksj jkT; rFkk xS&I jdkjh I æBuka }kj k 'kq fd, x, uohure dk; kâ ds I nHkZ ea I ešdr cky fodkl I ok dk; Đe dh ekstmk fLFkr dk eW; kađu djuk(xkeh.k] 'kgjh rFkk tutkrh; {ks=ka vkj xS&I jdkjh I æBuka }kj k I pkfyr ifj; kst ukvka ea I ešdr cky fodkl I ok dk; Đe ds dk; kŕo; u dh fLFkr eavarj dh rgyuk djuk(
- I ešdr cky fodkl I ok ds dk; kŕo; u ea deh rFkk I eL; kvka dk irk yxkuk(
- I ešdr cky fodkl I ok ds ckjs ea I epk; rFkk LFkkuh; fudk; ka ds Kku vkj dk; Đe ds dk; kŕo; u ea muds }kj k nh tk jgh I gk; rk dk irk yxkuk(
- vl; fodkl dk; Đe ka ds I kFk I ešdr cky fodkl I ok ds var% æakka rFkk I ok xqkoUkk ea I ekkj ykus ea mudh Hkmedk dk irk yxkuk(vkj
- cPpk efgykvdks vkj ; pfr; ka dks nh xbZ foHkku I okvka ds I æak ea p; fur ifj.kkeh I d pdka ij Ldhe ds ykHkka dk irk yxkukA

izkkyh

bl vè; ; u ea xkeh.k] 'gkjh vkj tutkrh; ifj; kst ukvka I fgr I Hkh 35 jkT; ka vkj I æk 'kŕf r {ks=ka dh 150 I ešdr cky fodkl ; kst uk, a 'kŕfey dh xBâ mu ifj; kst ukvka dk 0; ki d : i I svè; ; u ugha fd; k



x; kj ftuds dk; Z dh vofek U; ure i kp o"lz FkA bl izdkj mu I Hkh ifj; kst ukvka dks vè; ; u dsfy, 'kkfey fd; k x; kj ftuds dk; Z I pkyu dh vofek o"lz 2000 rd FkA dgy feyk dj] 4200 I ešdr cky fodkl I ok ifj; kst ukvka dk 0; ki d vè; ; u fd; k x; kA 150 1/2 xHkx pkj ifr'kr 1/2 I ešdr cky fodkl I ok ifj; kst ukvka ds ueus eW; ka du ds iz kst u I spqus x, A

i gys pj.k ea jkT; &okj dgy ifj; kst ukvka dk p; u djus dsfy, cg&Lrfjr jMe I i ifyak rduhd viukbz xBA tcf d nI js pj.k e] LFkk 1/2 xkeh.k] 'kgjh vKj tutkrh; 1/2 ds fgl kc I s ifj; kst ukvka dh I d; k dk p; u djus dsfy, Lrjh; I i ifyak rduhd vKj iz kst uenyd I i ifyak iz kkyh viukbz xBA ueus dgy Cykka dh ifj; kst ukvka I sfy, x, Fk] tks 1 vi]y] 2000 dks i pkyu ea Fkh] vFkZ 4200 ifj; kst uk, a 1/3177 xkeh.k] 273 'kgjh vKj 750 tutkrh; 1/2 orZku vè; ; u dsfy, dgy 150 I ešdr cky fodkl I ok ifj; kst ukvka dk ueus ds: i eap; u fd; k x; k Fk] vFkZ; g eks/srk] ij dgy fo'o dk 4 ifr'kr gkskA i R; d jkT; I s p; fur ifj; kst ukvka dh I d; k i pkyujr vKj xkeh.k] tutkrh; vKj 'kgjh Jf.k; ka

dh dgy I d; k ds ; Fkkuq kr FkA bl ifj; kst uk ea x] & I jdkjh I xBuka }kj I pkyfyr ifj; kst ukvka dks 'kkfey djus dk iz kl fd; k x; kA

okLrfod I ešdr cky fodkl I ok ifj; kst ukvka ds p; u grq mu ifj; kst ukvka dk p; u djus dk iz kl fd; k x; k Fk] ft I s I Hko gksus ij x] & I jdkjh I xBuka }kj pyk; k tk, A I ešdr cky fodkl I ok ifj; kst uk dsp; u dk nI jk ekun. M muds {ks= k fkd] ds varx] vkus okys rFk muds Hk] s kfyd {ks= ds varx] vkus okys v fkd] vkakuokM] d] nka dks 'kkfey djuk FkA , d k ; g I fuf'pr djus dsfy, fd; k x; k fd gekj s i kl cM] i s kus ij yk] s k I sfy, x, ifr fufkd ueus gA i R; d ueus ifj; kst uk I s dgy i kp vkakuokM] d] nka dk jMe p; u fd; k x; kA i R; d i ; b] k. k I fd] I s nks I s T; knk vkakuokM] d] nka dk p; u u djus dk iz kl fd; k x; kA bl izdkj] dgy 750 vkakuokM] ka ds ueus fy, x, A p; fur vkakuokM] ka ds vkakuokM] dk; Z] r] k ds i kl mi yCek ykHk] FkZ ka dh I ph I s okLrfod ykHk] FkZ ka dk jMe r] hds I sp; u fd; k x; kA vkakuokM] {ks= ds Hk] r] fuEufyf[kr y{; I eng dh Jf.k; ka ds ueus dk p; u] xgu tkudkj dsfy, fd; k x; k FkA

नमूना श्रेणियां तथा आकार (लक्ष्य तथा वास्तविक)			
क्रम सं.	उत्तरदाताओं की वर्ग	प्रतियोजना लक्ष्य	नमूना
1	लामार्थी	115	16138
2	गर्भवती महिलाएं	20	2983
3	दूध पिलाने वाली माताएं	20	2975
4	6 मास से लेकर 3 वर्ष तक के बच्चों की माताएं	25	3733
5	3 से 6 वर्ष तक के बच्चों की माताएं	25	3737
6	15-45 वर्ष की महिलाएँ	25	3771
7	बाल अधिगम सक्षमता जांच 3-6 वर्ष	30	4474
8	समुदाय का नेता	10	1500
9	बाल विकास परियोजना अधिकारी	1	147
10	पर्यवेक्षक	2	294
11	आंगनवाड़ी कार्यकर्ता	5	748
12	आंगनवाड़ी कार्यकर्ता की टिप्पणी	5	748
13	स्वास्थ्य कार्यकर्ता	3	444
14	अतिरिक्त निगरानी	1	150
कुल		287	41842



mi dj.k WVI ½

vè; ; u grqvi fkr l p uk , oavkadm s, df=r djus ds mÍs; I s mi ; Ør i i =@vuð fip; ka cukbZ xBA blgavfHky s k i =ka ds: i eafodfl r fd; k x; kA l k{kkRdkj ds v ykokl vka uokMh Lrj ij l ok, a i nku djus l ækh tkudkj h , df=r djus ds fy, fuj h{k.k i z kkyh dk Hkh mi ; l s x fd; k x; kA mi yCek fj i k&Zl v fHky s k k f n'kk&funð kka v k s v l ; nLrkost ka dks l p uk dk vfrfjDr l k s cuk; k x; kA

ckjg vuð fip; ka dk , d l s r s kj fd; k x; kA vè; ; u grq, df=r fd, tkus okys vkadMka ds egúo dks n s k rsgg bu vkadMka dk i gysl s d k M cuk; k x; k r k fd vkadMka ds dEl; Wjhdj.k eavkl kuh gka mi dj . kka rFkk v l ; ekMfyVh ij fopkj&foe'kz djus ds fy, e d ; ky; rFkk {ks=h; d b nka ds l æk; l nL; ka dk nk&fnol h; fopkj&foe'kz dk; Z kkyk vk; k s tr dh xBA bl ea e d ; ky; rFkk l æFkk ds l Hkh {ks=h; d b nka ij l æk; l nL; ka }kjk mi dj . kka dh i w & t k p dh xBA mi dj . kka dh i w & t k p djus ds ckn mi dj . kka rFkk v l ; i pkyukRed C; k s ka dks v f i r e : i n s ds fy, n i j k {ks=h; l ello; d v a f k k r {ks=h; fun s kd ½ dk; Z kkyk dk vk; k s t u fd; kA

i pkyukRed C; k s

i s h l j k T ; k a l æ k ' k k f l r {ks=ka ea 0; k l r 150 i fj ; k s t u k v k a l s v k a d M s , d f = r d j u s d s f y , r h u & r h u l n L ; k a d s 41 n y c u k , x , A i j s n s k e a Q s y s j k " V h ; t u l g ; l s x , o a c k y f o d k l l æ F k k u d s i f ' k { k . k d b n k a f ' k { k . k l æ F k k u k a r F k k l o s p n d , t a l ; k a l s l d f t r u s o d z u s f o f H k u u i f j ; k s t u k v k a e a M k v k , d f = r d j u s d s f y , l F k k u h ; : i l s f d j k , i j r n F k z i f j . k k e a d h f u ; Ø r d s d k ; Z d k s v k s v f e k d l f o e k k t u d c u k ; k A b l i z k j d a y 12 i f j ; k s t u k l g k ; d k a r F k k 81 i f j x . k d k a d h l F k k u h ; : i l s h k r h z d h x B A f o f H k u u l æ F k k u k a } k j k f n , x , l g ; l s u d a y m i ; Ø r 0 ; f D r ; k a d h i g p k u d j u s e a l g k ; r k f e y h c f y d

l k { k k R d k j y s u s r F k k v u d æ k k u n y d s i f ' k { k . k g r q l F k k u m i y C e k d j k u s e a l g ; l s x f e y k A e d ; k y ; d s o f j " B l æ k ; l n L ; k a r F k k { k s = h ; d b n k a d s { k s = h ; f u n s k d k a d k s n y k a d s l e l l o ; u j e k u h v f j a k r F k k v k a d M k a d s l æ g . k l æ k h d k ; Z d k i ; b e k . k v k s f u e k k z j r l e ; d s H k h r j v k a d M s , d f = r d j u s d s d k ; Z d k s f u e k k x f r l s i j k d j u s d s f y , l æ f e k r j k T ; l j d k j d s l k F k l E i d z c u k , j [k u s d k d k ; Z l k a k x ; k A

vkadMka dh fo'ol uh; rk l fuf'pr djuk

l æk; l nL; ka rFkk {ks=h; l ello; dka ds i j k e ' k z l s : i j s [k k] v è ; ; u d k { k s = v k s m i d j . k k a d h ; k s t u k c u k b z x B A b l d s v y k o k l m i d j . k k a , o a v k a d M s , d f = r d j u s d s d k ; Z d h d k ; Z i z k k y h i j f o p k j & f o e ' k z d j u s d s f y , n k s d k ; Z k k y k v k a d k v k ; k s t u f d ; k x ; k j v f k k z , d p i j u n k l æ k ; l n L ; k a d s f y , v k s n i j h l e l l o ; d k a d s f y , A v k a d M s , d f = r d j u s d s d k ; Z l s l æ f e k r v u d æ k k u n y k a d s l H k h l n L ; k a d k s v u d f i p ; k a H k j u s r F k k m l d k s d k M d j u s i j c y n r s g g d k ; Z d h : i j s [k k d k s d k ; k z l o r d j u s l æ k h i f Ø ; k v k a d s c k j s e a i f ' k { k . k f n ; k x ; k A f o p k j & f o e ' k z d k ; Z k k y k e a f n [k k o v h v e k u d ½ l k { k k R d k j d k v k ; k s t u j v u d f i p ; k a d h d k s M a x i f Ø ; k v k f n d k ; Z f d ; k x ; k A v k a d M s , d f = r d j u s d s f y , f n ' k k & f u n s k k a r F k k v u p s k k a d h , d f u ; e k o y h r s k j d h x b z v k s m l s l H k h l æ f e k r k a d k s l g t l a n h z g r q m i y C e k d j k ; k x ; k A

l æ F k k u u s d E l ; W j h d j . k r F k k v è ; ; u g r q M k v k f o ' y s k . k d s f y , e s U ; w d u l s v b u O k W e s k u f l l V e d s l k F k l æ k l F k k f i r f d ; k A m D r , t a h d s n k s l V k Q l n L ; k a v k s , d i æ k k u f o ' y s k d d k s ; g d k ; Z l k a k x ; k A v k a d M k a d h i f o f " V M h c d ¼ d i z ; k r l æ k k R e d M k v k c d i s d s t ½ d k s f Q j l s f o ' y s k . k d j u s d s i z k s t u l s m i ; Ø r O k b y O k e v e a v a r f j r f d ; k x ; k A n i j s i z ; k r l k r V o s j j u k e r % l k e k f t d f o K k u d s f y , l k a [; d h i s d s t d k m i ; l s x v f i r e l k j f . k ; k a d s f u e k z k d s f y , f d ; k x ; k A



Mkvk Qkbyka dk ik: i bl izdkj I s rš kj fd; k tkrk gSfd MKVkd dk mi ; kx ckn eafHkUu&fHkUu rjhdkal s fo'yšk.k djus ds fy, fd;k tk I dA ifj;kstuk&okj MKVkd dk fuekzk bl fopkj dks è; ku eaj [krsqg fd; k x; k gSfd oržeku vè; ; u ds vykok] vU; iz kstuka grq egUoiwZ vutkfireyd tkudkj dh b"Vre : i I smi ; kx fd; k tk, A bl s jkT; rFkk ifj; ktuk Lrjka ij vvx&vyx fd; k tk I drk gA jkT; dsfoHkx] I efd r cky fodkl I ok I sl æækr 0; fDr@, tñl ; kñ efgyk , oacky fodkl eæky; I svuefr yus ds ckn mDr tkudkj iklr dj I drh gA

; gka; g mYy[k djuk mi ; ðr gkxk fd I efd r cky fodkl I ok dk; ðe vius vflRr ds rhu n'kdka ea I Qyrk vlsj vl Qyrk] nksuka ds nksj I s xqtjk gA oržeku vè; k; ea Hkh , d s dbz ifjn' ; I keus vk, gñ ftl ea vk'kk vlsj I arksk ds I kFk&l kFk varj rFkk deh Hkh n[s kus dks feyh gA vc geaHkfo"; ea I efd r cky fodkl I ok dk; ðe dksetcur djus I ææh ckrka dks è; ku eaj [krsqg oržeku vè; ; u I s iklr bu nksuka igyvkaij fopkj djuk pkfg, A uenuk ifj; kstuk, axteh.k] 'kgjh vlsj tutkrh; {ks=kaeaQsYs gq gñ rFkk budk I pkyu jkT; I jdkjka fo'o cñd rFkk 35 jkT; ka@ I æk 'kkfl r {ks=ka ea dk; j r xš&l jdkjh I æBuka }jkj fd; k tkrk gA vkadMka ea I ka[; dh; ifri knu eavkš r] , I Mh] fefJr iklrkd vkfn fudkys tkrsgA

fuEufyf[kr vu@Nnka ea oržeku vè; ; u ds fu"d"lz rFkk fl Qkfj'kka dk C; kšj k fn; k x; k gA

fu"d"lz

vk/kkjHkur I j puk

i½ xteh.k rFkk tutkrh; {ks=ka ea eR; &nj de djus vlsj tho&xfr dks cuk, j [kus ds fy,

LokLF; I ðoëkkvka dh miyCekrk cgr t: jh gA vè; ; u ds vkadMka I s irk pyr k gS fd dñy 31 ifr'kr ?kja ea 'kkšky; dh I ðoëkk Fkha fu; fer I efd r cky fodkl I ok ifj; kstukvka ds varxñ vkus okys 30 ifr'kr xkaka ea I hoj@uky h gkus dh I puk iklr gñz gS tçfd bu ifj; kstukvka ds 27 ifr'kr mu xkaka ea , d h I ðoëkk, agñ ftudh I gk; rk fo'o cñd }jkj dh tkrh gA nl xkaka ea I s xš&l jdkjh I æBuka }jkj I pkfyr 4 ¼40 ifr'kr½ ifj; kstukvka ea Hkh bl izdkj dh I ðoëkk, aFkha ; | fi 41 ifr'kr vkakuokM+ ka ea 'kkšky; dh I ðoëkk Fkh] rFkfi bl izdkj dh 17 ifr'kr I ðoëkk, a vPNh flFkr ea ugha i kbz xbavšj 59 ifr'kr vkakuokM+ dñnz bl I ðoëkk I soñpr FkA

ii½ ; g ik; k x; k fd 10 ea I s9 xkaka¼90 ifr'kr½ ea fuEu iklFked fo|ky; dh f'k{k I ðoëkk fo|eku gA 61 ifr'kr xkaka ea eke; fed fo|ky; ¼VI-VIII½ dh I ðoëkk miyCek gñ tçfd 39 ifr'kr uenuk {ks=kaeamPp fo|ky; dk; j r FkA

iii½ 'kgjh {ks=ka ds yxHkx 97 ifr'kr] xteh.k {ks=ka ds 93 ifr'kr vlsj tutkrh; {ks=ka ds 74 ifr'kr vkakuokM+ dñnka dks I Mel I ðoëkk I s tkM+ x; k Fkka vkakuokM+ {ks=ka ea iklFked LokLF; dñnz rFkk mi &LokLF; dñnz ðe'k%29 ifr'kr vlsj 43 ifr'kr FkA bl izdkj] vkadMka I s irk pyr k gS fd LokLF; tñ h egUoiwZ I ok, al hfer Fkha vkadMka I s; g Hkh irk pyr k gS fd xteh.k ifj; kstuk {ks=ka ds yxHkx 89 ifr'kr] 'kgjh {ks=kads94 ifr'kr vlsj tutkrh; ifj; kstuk {ks=ka ds 68 ifr'kr LFkka ea mijHkk" dh I ðoëkk, aFkha nñ jh fnypLi tkudkj; g feyh fd vkakuokM+ {ks=kads72 ifr'kr {ks=ka ea , y-i-h-t-h ¼j I kbz xš ½ dh I ðoëkk miyCek Fkha



iv½ vfedkák vkauokMh dñnka ea ikuh dk eq; I kr gM iEi rFkk uy dk ikuh gSftl I s; g fl) gkrk gSfd jkT; I jdkj dsykd LokLF; bat hfu; jh foHkkx ds I g; kx I s vkauokMh dñnka ij dk; Zdjds I efd r cky fodkl I ok dk; Døe I scPpkads ihusdsfy, LoPN ty dh 0; oLFkk djus ea dkQh gn rd I Qyrk i kr gpZ gA

v½ ; g n[kdj I arkSk gkrk gSfd vfedkák vkauokMh dñnz i Dds Hkouka ea vofLFkr gA bl I s; g i fyyf{kr gkrk gSfd i Dds Hkouka ea vkauokMh dñnz I LFkfi r djus ea fo'kSk : i I s iz kl fd, x, gA rFkfi] 'kgjh {ks=ka ea vfedrj vkauokMh dñnka ea LFkku dh I eL; k n[kh xbZ gA i; klr ckg; rFkk vkrfjd LFkku] LVkj ds fy, i Fkd LFkku dgy 44] 36 rFkk 39 ifr'kr vkauokMh dñnka ea miyCek FkA ; g fLFkr xteh.k , oa tutkrh; {ks=ks ea dñn vPNh FkAa dgy feyk dj] 49 ifr'kr vkauokMh dñnka ds i kl ckg; rFkk vkrfjd dk; Zdyki ka ds fy, vi; klr LFkku Fk vkj 50 ifr'kr dñnka ds i kl foHkkUu I kefxz ka ds j [kj [kko %LVkj st½ gsrqdkbz LFkku ugha FkA xteh.k {ks=ka dh yxHkx vkeh ¼49 ifr'kr½ rFkk tutkrh; {ks=ka ¼50-1 ifr'kr½ vkj 'kgjh {ks=ka dh ifr'kr ifj; kst ukvka ds i kl vyx I s Hkktu cukus dk i; klr LFkku ugha FkA

vi½ vfedkák vkauokMh dñnka ¼60-3 ifr'kr½ ea ; g i k; k x; k fd cPpsvkl kuh I svk tk I drs gS D; kfd mlga vkauokMh dñnz ea vkl & i kl fuokl djus okys muds ekrk&fi rk@ Hkko& cgu@cqt&ka }kjk yk, tkrs gA vkauokMh dñnka ea u, cPpkads HkrtZ djusea gS ij eq; : i I s è; ku nrs gA

vii½ fo'o cfd I gk; rk&inÜk I efd r cky fodkl I ok ifj; kst ukvka ds 97 ifr'kr vkauokMh; kxj&l jdkjh I xBu }kjk fey&tydj I pkfyr ifj; kst ukvka ¼95-3 ifr'kr½ vkj fu; fer I efd r cky fodkl I ok dh 85 ifr'kr ifj; kst ukvks ea rjktw dh 0; oLFkk FkA muea I s yxHkx 89 ifr'kr dk; Zdj jgs FkA

viii½ 44 ifr'kr dñnka ea fdVka dk miyCek u gkuk fpUrk dk fo"k; gA bl igyw ij dk; Døe I pkydka }kjk I koekkuhi wZd dk; Z djus dh vko'; drk gA vkauokMh dñnka ea Hkktu cukus rFkk ijkd usdscrZka dh i; klr ek=k ea miyCekrk i kSkkgkj dk; Døe dh I Qyrk dsfy, vR; fekd egUoi wZgA vè; ; u I s i rk pyr k gS fd 61-8 ifr'kr xteh.k] 49-2 ifr'kr 'kgjh vkj 65-9 ifr'kr tutkrh; ifj; kst ukvka ea Hkktu cukus ds crZu miyCek gA

dk; ZrkZka dh fLFkr ¼ kQkby½

ix½ ; g tkudkj feyh fd 15 ifr'kr cky fodkl ifj; kst uk vfedkfj; ka ¼ hMhi hvkZ 48 ifr'kr I gk; d cky fodkl ifj; kst uk vfedkfj; ka ¼, I h Mh i h vkZ vkj yxHkx 18 ifr'kr i; bzkdka ds in] I oZ dh ubZ ifj; kst ukvka ea fjDr gA rFkfi] vkxuoMh dk; ZrkZka rFkk I gk; dka dh fu; fjDr vkj miyCekrk dh fLFkr dkQh I arkSk tud gA if'k{k.k dh fLFkr dkQh I arkSk tud gA ; g n[kk x; k fd dgy v#. kopy inSk , d , d k jkT; Fk] tgka 50 ifr'kr cky fodkl ifj; kst uk vfedkj if'k{kr FkAa nW js jkT; ka ea dgy feyk dj dk; ZrkZka dk if'k{k.k dkQh I arkSk tud gA



vlakuokMh dk; Zdrk&vka dk p; u

x½ ; g ik; k x; k gSfd yxHkx 80 ifr'kr vlakuokMh dk; Zdrk&vka ml h xka@LFkku ds gkrs gA rFkfi] fo'o c&f }kj k l gk; rk&i nUk] vkj l jdkjh l xBuka }kj k l pkfyr ifj; kst ukvka vkj fu; fer l efd r cky fodkl I o k dschp bl igywi j 0; ki d varj n[kus dks feyk gA

xii½ vlakuokMh dk; Zdrk&vka ds vk; q l sl afekr vlakuokMh ; g n' k&rs gafd yxHkx 66 ifr'kr vlakuokMh dk; Zdrk&vka dh vk; q 35 o"lz ; k ml l s vfekd Fkh fu; fer rFk fo'o c&f l gk; rk&i nUk l efd r cky fodkl I o k ifj; kst ukvka dh ifr'kr rk 35&40 o"lz ds vk; &l eng ea cka/k x; k Fk tcf d 30 ifr'kr vlakuokMh dk; Zdrk&vka dks 25&35 o"lz ds vk; &l eng ea cka/k x; k FkA

xiii½ ckl B ifr'kr vlakuokMh dk; Zdrk&vka ds ikl 10 o"lz l s vfekd dk dk; Zvutko Fk tcf d mueal s 28 ifr'kr ds ikl i kp o"lz l s vfekd dk dk; Z vutko FkA vfekd k&k vlakuokMh dk; Zdrk&vka 3-2 ifr'kr ½ eSv d&i kl Fkh] 23 ifr'kr 12 oha ikl vkj yxHkx 10 ifr'kr Lukrd FkA dkbZ Hkh v' kf{kr dk; Zdrk&vka ugha Fkh] , s d k; Zdrk&vka dh l ; k yxHkx 1 ifr'kr gkschA

i ; b&kd

xiii½ ; g ik; k x; k gSfd mUkj i n&k t& s j kT; ka ea fo'o c&f Ldhe ds varj vlakuokMh dk; Zdrk&vka ea l s l h&s ink&uf r , oa dk; Zks= l s l afekr foHkx l s ifrfu; &Dr vkj i ; b&kd ka dh l fonkRed fu; &Dr dh xba Hkjr ds 25 j kT; ka ea i ; b&kd ka dks cky fodkl ifj; kst uk vfejdkjh@ l gk; d cky fodkl ifj; kst uk vfejdkjh ds in ij ink&ur fd; k x; ka 21 j kT; ka ea l h vka ds vk{k.k dh uhfr Fkh rFk l kr j kT; kaus bl i d k j dh dkbZ uhfr ugha vi ukba vfeckr j i ; b&kd 35 o"lz dh vk l s vfekd ds Fk vkj os Lukrd ; k Lukrd k&kj Fk vkj muds

ikl 10 o"lz l s vfekd dk vutko FkA ; g , d l dkj kRed l a dr g& D; k&f , s k ekuk tkrk gS fd l efd r cky fodkl I o k] vutkoh , oa ; k& ; i ; b&kd ka }kj k l pkfyr dh tkrh gA

cky fodkl ifj; kst uk vfeckjh ¼ h Mh ih vk½

xiv½ vlakuokMh n' k&rs gA fd 21 j kT; ka ea cky fodkl ifj; kst uk vfeckjh; ka dk , d fo f'kV l o xZ gA tcf d 10 j kT; ka ea ifrfu; &Dr] ink&ur vkj l fonk ij fu; &Dr okyk l a &Dr l o xZ gA cky feykdj] 25 j kT; ka us i ; b&kd ka dks cky fodkl ifj; kst uk vfeckjh@ l gk; d cky fodkl ifj; kst uk vfeckjh ds in ij ink&ur n&s dh uhfr vi ukba FkA l e; &l e; ij tkjh fd, x, j kT; l j dk j ka ds vkn&ka ds vud kj Hkrh ea vkj (k.k dh i) fr vi ukus dh l p uk i klr g&Z gA

xv½ ; | fi Ldhe ds fn' k& fun& kka ea; g ifj d yi uk dh xbZ gSfd cky fodkl ifj; kst uk vfeckjh ds in ij efgyk mEhnokj dks i k Fk fedrk nh tkuh pkf,] rFkfi ; g n[k x; k gS fd , d&frg kbZ ¼ 32-7 ifr'kr ½ cky fodkl ifj; kst uk vfeckjh i # " k mEhnokj FkA

xvi½ vfeck k&k cky fodkl ifj; kst uk vfeckjh ¼ 48-3 ifr'kr ½ 45&55 o"lz vk; &oxZ ds Fk vkj 33 ifr'kr cky fodkl ifj; kst uk vfeckjh 35 l s 45 o"lz vk; &oxZ ds FkA ; g ik; k x; k gSfd 57 ifr'kr cky fodkl ifj; kst uk vfeckjh Lukrd k&kj Fk rFk d&y 6 ifr'kr cky fodkl ifj; kst uk vfeckjh Lukrd l s de FkA yxHkx 31 ifr'kr cky fodkl ifj; kst uk vfeckjh ds ikl 3 o"lz l s de l e; dk vutko Fk ft l s ; g i rk pyr k gSfd d n j kT; ka ea vfeckjh; ka dh bl Jskh ea fujUrj LFkkurj . k gkrs jgrs gA

ykhk&Fk; ka dh l Fkfr ¼ k&by½

xvii½ bu 15 o"lk& ea foHkku l o kvka dk 0; ; rhu x&uk l s vfekd ¼ 1990&91 ds n&j ku 144-00 d j k&+



#i, Fkkj tks2004&05 eac<ej 452-36 djkm+
#i, gWk½ gks x; k gA fofHku I okvka ds
vaxr vkusokys ykHkkfFkz ka dh I q; k Hkh bl h
rjg c<+xbz gs& i l akkeh vofek ds nks ku
I Hkh Js kh ds ykHkkfFkz ka ea rhu xqk c<krjh
gpz gA

ueuk ifjokja ea yf{kr tul q; k

xxiii½ vkadMs; g n'kkzsgfd ve; ; u ds vaxr ?kja
ds 0-83 ifr'kr cPps fodyka gA buea l s
55&56 ifr'kr cPps l efd r cky fodkl I ok
dk; De dk ykHk i klr dj jgs gA

xix½ vfedrj ykHkkfFkz ka dh ifr'kr rk fi NMs oxz
½29-6 ifr'kr½ dh FkA ml ds ckn vuq fipr
tkfr; ka ½26-3 ifr'kr½ dh FkA vU; tkfr; ka
rFkk vuq fipr tutkr; ka ds ifrfufekRo eavarj
cgr de ½0e'k%21-4 ifr'kr rFkk 20-4 ifr'kr½
FkA

xx½ ; g ik; k x; k gSfd muea l s 55 ifr'kr ykx
Hkiefghu gS tcfv vU; 28 ifr'kr ykxka ds
ikl , d gDVj l s de Hkief FkA ; g ik; k
x; k gSfd 8 ifr'kr l s de ykxka dk , d vks
nks gDVj ds chp rFkk nks gDVj l s vfed
Hkief ij dCtk FkA pkj gDVj l s vfed Hkief
ij ftu 0; fDr; ka dk dCtk gS os iozh;
jfxLrkuh rFkk tutkrh; {ks=ka ds gA

xxi½ ykHkkfFkz ka ds nl ifjokja ea l s N% ifjokj , dy
ifjokj Fks tcfv l Hkh izlkj ds ifjokja dk
, d&frgkzfgLI l a Dr ifjokj FkA vkadMs; g
n'kkzsgfd 'kgjh {ks=ka ea 62 ifr'kr ifjokj
, dy ifjokj Fks tcfv bl izlkj ds ifjokja dh
ifr'kr rk xteh.k ½59-0 ifr'kr½ rFkk tutkrh;
½59-8 ifr'kr½ ifj; kst ukvka ea yxHkx cjkcj gh
gA fu; fer l efd r cky fodkl I ok ifj; kst ukvka
½7-03 ifr'kr½ ea foLrkfjr ifjokja ds ifr c<frs
#>ku n[ksx, gsvs vU; Jf.k; kadh ifj; kst ukvka

½4-12 ifr'kr fo'o cfd ifj; kst uk rFkk
4-80 ifr'kr xS&l jdkjh l xBuka }kjk l pkfyr
ifj; kst uk½ ea bl rjg ds #>ku ea Hkjh deh
n[kh xbz gA

xxii½ nl ea l s N% ifjokj ½59-7 ifr'kr½ ifjokj ds
vkdj ds l ak eajk"Vh; vkadMs ds vuq i Fks
rFkk N% vks nl l nL; ka okys ifjokja ds 36
ifr'kr ?kj bl ds vuq i FkA ml jk fnypLi
fu"d"lz; g gSfd 11 vks ml l svfed l nL; ka
okys ?kja dh l q; k pkj ifr'kr gA l kedu;
ekkj.kk ; g gSfd 'kgjh ?kja ea , dy ifjokj
rFkk Nks ifjokj dk #>ku gS fdUrq vkadMs
crkrs gS fd 'kgjh l efd r cky fodkl
I ok ifj; kst ukvka ea Hkh N% l s 10 ds chp
½2-7 ifr'kr½ l nL; ka okys ifjokj dk mYysk
fd; k x; k gA

xxiii½ fo'o cfd l gk; rk&i nUk l efd r cky fodkl
I ok ifj; kst ukvka ½62-48 ifr'kr½ ds vaxr
vkusokys 60 ifr'kr l s dN T; knk ifjokja ds
ikl 2000@& #i, ifr ekl l s de dh
ekf d vk; Fkh ml ds ckn xS&l jdkjh l xBuka
}kjk l pkfyr ifj; kst ukvka ½51-41 ifr'kr½
rFkk fu; fer l efd r cky fodkl I ok
ifj; kst ukvka us 47 ifr'kr ?kja dh ; g vk;
½ks j½ n'kkbz gA xteh.kj tutkrh; rFkk 'kgjh
{ks=ka ea ?kja dh vk; dk fo'ySk.k ifj; kst ukvka
ds LFku ds vuq kj fd; k x; k FkA ; g irk
pyk gSfd tutkr ifjokja ds veks l s dN
vfed 52-8 ifr'kr ifjokja dh vk; 2000@&
#i, l s de Fkh ml ds ckn xteh.k ifjokja
½49-5 ifr'kr½ dh FkA pkyhl ifr'kr 'kgjh
ifjokj bl vk; &oxz ds FkA 'kgjh ifj; kst ukvka
ea nl ifjokja ea l s pkj dh vk; 2000@&
#i, rFkk 4000@& #i, ifr ekg ds chp Fkh
ml ds ckn xteh.k ½2-1 ifr'kr½ rFkk tutkrh;
ifj; kst ukvka ½30-4 ifr'kr½ dh FkA



I ešdr cky fodkl I okvka ds rhu n'kd&, d eW; kađu

fj i kZl kj

ueuk ifjokjka dk eŕ; 0; ol k;

xxiv½, d&pk&kkbz ?kjk ds eŕ[k; k ½25-7 ifr'kr½ dk eŕ; 0; ol k; xŕ&[kfrgj Je Fkk] ftl ea vfeđrj 'kgjh {ks=ka ½36-4 ifr'kr½ ds eŕ[k; k Fkŕ ml ds ckn xteh.k {ks=ka ½24-2 ifr'kr½ vŕŕ tutkrh; {ks=ka ½21-9 ifr'kr½ ds eŕ[k; k FkA , d #fpdj tkudkjh ; g gŕ fd tutkrh; ifj; kstukvka ds , d&frgkbz l s dŕN vfeđ i R; Fkhz ½34-3 ifr'kr½ os fdl ku gŕ ftUgkaus xteh.k I ešdr cky fodkl I ok ifj; kstuk ea 27 ifr'kr dh Hkkxhnhkj dhA 'kgjh ifj; kstukvka ea , d s d"kd Fkŕ tks 'kgjh {ks=ka ds l hekorhZ LFkkuka ea jgrs Fks vŕŕ dŕ" k dk; ZgrqfudVorhZ xkoka ea pys tkr Fkŕ , d s d"kdka dk ifr'kr ux.; ½3-4 ifr'kr½ gA Lo&jkstxkj rFkk [kfrgj etnjkađk ifr'kr yxHkx cjkcj ½16-0 ifr'kr½ gA vfeđk k Lo&jkstxkj ykŕkj] c< bZ pjokŕ dŕyh] ekph] cŕdj] NkV&ekV/s nŕkunkj vkfn ds {ks= ea gA yxHkx 12 ifr'kr ykx l jdkjh] v) &l jdkjh] futh dā fu; ka vkfn ea ukŕdj dŕsgA

I ešdr cky fodkl I ok ea l ello;

ifj; kstuk Lrjh; l ello; l febr

½xxv½ xteh.k rFkk tutkrh; {ks=ka dh 70 l s vfeđ ifj; kstukvka ea ifj; kstuk Lrjh; l ello; l febr; kagA 'kgjh ifj; kstukvka ½3-0 ifr'kr½ ea ifj; kstuk Lrjh; l ello; l febr gA tgka rd vkn'kz izaku ds fgl kc l s ifj; kstuk Lrjh; l ello; l febr ds fo|eku gkaus dk l cak gŕ fu; fer l ešdr cky fodkl I ok ifj; kstukvkarFkk fo'o cŕd }kjk l gk; rk&i kŕ ifj; kstukvka ea xŕ&l jdkjh l xBuka }kjk l pkyr ifj; kstukvka dh rŕyuk ea l ello; l febr; kadh l ŕ; k cŕŕ de gA 'kgjh fu; fer l ešdr cky fodkl I ok ifj; kstukvka ea 80

ifr'kr l s vfeđ cky fodkl ifj; kstuk vfeđkŕj; kŕ i ; bŕkdka vŕŕ vfeđkŕj; ka us vi us Lrj ij i ; kŕ l ello; dk; Z fd, tkus dh l pkyr nh gA xŕ&l jdkjh l xBuka }kjk l pkyr ifj; kstukvka ea cky fodkl ifj; kstuk vfeđkjh Lrj ij l ello; dk; Z dŕN gn rd gŕk gŕ fdUrq {ks=h; @xkŕ Lrj ij ; g dk; Z okŕNr Lrj dk ugha gA ; gh flFkfr tutkrh; ifj; kstukvka dh Hkh gA fo'kŕk : i l s tutkrh; {ks=ka ea {ks=h; @xkŕ Lrj ij LokLF; foHkx ds l kFk l ello; dk; Z dŕN de gŕk gA dŕy feykŕj] ifj; kstuk Lrj ij l ello; dk; Z l rŕkŕtud ik; k x; k gA nk&frgkbz l s dŕN vfeđ ½68-0 ifr'kr½ cky fodkl ifj; kstuk vfeđkŕj; ka dk er ; g Fkk fd l ello; l febr dh cŕd i Hkkow i .kz Fkh tcfđ 1@5 ½21-0 ifr'kr½ cky fodkl ifj; kstuk vfeđkŕj; ka us bl s cŕŕ i Hkkoh ik; kA vud okku ny us nŕkk fd yxHkx 73 ifr'kr l ešdr cky fodkl ifj; kstuk vfeđkŕj; ka us l ešdr cky fodkl I ok vŕŕ LokLF; dk; Z rŕkZvka ds chp i ; kŕ l ello; dh l pkyr nh gA fdUrq 'kŕk 27 ifr'kr us vi ; kŕ l ello; dk; Z dk mYŕŕk fd; ka

I ešdr cky fodkl I ok ea l okvkađk vŕkl j .k

xxvi½ vkŕMka l s dŕQh Li "V gkspŕk gŕfd vkauokMh dŕnka ds dk; Zŕyki ka ea xte i pŕ; r dh Hkŕeđk dks 'kŕfey djus ds fy, xteh.k {ks=ka ea dk; Z fd; k x; kA , d fnypLi tkudkjh ; g nŕkus dksfeyh fd var% cak dk; ZDe vŕŕ l okvkađk l kŕpŕf; d vŕHkl j.k djus dk iz kl fd; k x; k] tŕ k fd vfeđk k cky fodkl ifj; kstuk vfeđkjh }kjk l pkyr nh xbz gA

I kŕpŕf; d Hkkxhnhkj

xxvii½ cŕkhl ifr'kr efgykva ½15&45 o"kz us Hkŕst u cukus ea l gk; rk nsuŕ bāku tŕkuŕ LokLF;



t k p g r q c P p k a d k s y k u s i f r j { k . k g r q v k a u o k M h d b n k a e a c P p k a d k s y s t k u s i h u s d k i k u h y k u s t s v k a u o k M h k a d s d k ; k a e a l j k g u h ; H k f r e d k f u H k k ; h A t u t k r h ; i f j ; k s t u k v k a 1 3 9 - 6 i f r ' k r 1 2 e a b l i z k j d h l g k ; r k v f e k d n h x b z F k h A i f j o g u d s v i u s l k e k u k a d k i z k s x d j d s v k a u o k M h d b n k a r d i j d v k g k j y s t k u j v k a u o k M h d b n k a d k j [k j [k k o e a ; k s x n k u t s s d k ; Z H k h t u t k r h ; i f j ; k s t u k v k a e a v f e k d 1 1 6 - 0 i f r ' k r 1 2 n s [k k x ; k A v f e k d r j l k e p k f ; d i z e [k k a u s i ; b s k . k d s : i e j v k a u o k M h d k ; Z d r k z v k a d h 0 ; f D r x r l e l ; k v k a d k f u j k d j . k d j d s v k s j v o k N u h ; r u o k a l s m u d k c p k o d j d s v k a u o k M h d b n k a d k s v i u k ; k s x n k u f n ; k A ; n k & d n k v k o ' ; d r k i M e u s i j i s r k y h l i f r ' k r y k s k a u s v k a u o k M h d k ; Z d r k z v k a d k s l g ; k s x r F k k l g k ; r k i n k u d h A

I ok I forj .k dk eW; kaðu

ij d i k s k g k j

xxviii 1/2 ka d M k a d s e W ; k a ð u l s i r k p y r k g s f d 8 0 i f r ' k r i f j ; k s t u k v k a e a v k a u o k M h k a e a i j d i k s k g k j d h 0 ; o L F k k j k T ; l j d k j d s l k s r k a } k j k d h x b z F k h j f t u d h i k f i r H k k j r h ; [k k | f u x e r F k k m u d s } k j k L F k k f i r v l ; l k s r k a l s d h x b z F k h A f o ' o [k k | d k ; D e 1 M C Y ; w , Q i h 1 2 e a N % i f r ' k r v k a u o k M h k a d k s l g k ; r k n h x b z F k h t c f d m u d s i k s k g k j l f o e k k l a e k h n s [k h k y d s ; k s x n k u d k J s p k j i f r ' k r v k a u o k M h d b n k a d k s f e y h A b l r j g d k # > k u H k h n s [k u s e a v k ; k g s f t l e a x t e h . k i p k ; r @ L o & l e f f k r l e g y k H k k f k z k a d k s i d k ; k g a k H k k s t u f [k y k j g s F k A

xxix 1/2 c ; k y h l i f r ' k r v k a u o k M h k a d k s d P p h [k k | l k e f x z k a i k l r g l p j f t l g a v k a u o k M h d b n k a e a i d k ; k @ r s k j f d ; k x ; k v k s c P p k a d k s f [k y k ; k x ; k A , s l k d k ; Z v f e k d r j t u t k r h ; i f j ; k s t u k v k a 1 5 3 - 5 i f r ' k r 1 2 d s v k a u o k M h k a e a n s [k k x ; k A [k k u s d s f y , r s k j l H k h i z k j d h i f j ; k s t u k v k a e a f n ; k t k r k F k k , s l k d k ; Z ' k g j h i f j ; k s t u k v k a 1 4 5 - 8 i f r ' k r 1 2 d s v k a u o k M h k a e a g s m l d s c k n x t e h . k 1 3 3 - 6 i f r ' k r 1 2 r F k k t u t k r h ; 1 2 3 - 5 i f r ' k r 1 2 i f j ; k s t u k v k a e a g a k g a d n v k a u o k M h 1 1 8 - 0 i f r ' k r 1 2 i d k ; s r F k k [k k u s d s f y , r s k j H k k s t u n r s F k A x q t j k r] j k t L F k k u e g k j k V a r F k k e e ; i n s k t s s d n j k T ; k a e a o t e u d s v k e k j i j x e k h j @ l k e k j . k : i l s d i j k s k . k d s : i e a f p l u g r N % o " k z l s d e v k ; q d s l H k h c P p k a d k s d Y ; k . k d k j h l a B u k a @ 0 ; f D r ; k a } k j k g Y d k 1 4 k u h e a f e y k ; k g a k 1 2 ; k f M C e k c a n n a k d s : i e a i d k ; k x ; k v k j k k ; v k g k j f n ; k x ; k A ; g d k ; D e d k s i H k k o h r F k k l k f k z d c u k u s d s f y , l e k t d s l c l s f u p y s l r j i j l d k e k u k a d k m i ; k s x d j u s g r q l e f d r c k y f o d k l I o k d s v f e k d k f j ; k a } k j k f d ; k x ; k e g l o i w k z d k ; k a d k l a d r g a

i k s k g k j l forj .k e a c k e k

xxx 1/2 ; g n s [k d j n e [k g l s k g s f d 4 6 i f r ' k r v k a u o k M h d b n k a 1 4 x t e h . k 4 7 - 6 i f r ' k r] t u t k r h ; 3 8 - 2 i f r ' k r v k s ' k g j h 5 0 - 8 i f r ' k r 1 2 e a r k s i k s k . k l a e k h v k g k j k a d h v k i f i r z e a f d l h H k h r j g d k 0 ; o e k k u u g h a F k k A r F k k f i] d f r i ; v k a u o k M h d b n k a 1 5 2 - 9 i f r ' k r 1 2 e a 0 ; o e k k u m r i U u g k u s d h l p u k f e y h g a b l e k e y k a e j t u t k r h ; v k a u o k M h d b n k a 1 6 1 - 2 i f r ' k r 1 2 e a 0 ; o e k k u m r i U u g k u s d h l a ; k T ; k n k g s m l d s c k n x t e h . k 1 5 2 - 0 i f r ' k r 1 2 r F k k ' k g j h 1 4 5 - 0 i f r ' k r 1 2 v k a u o k M h d b n k s e a , s h f k d k ; r f e y h g a



ijđ i kškgkj ea efgykva dks 'kkfey djuk

xxxi½ fo'o cđl l gk; rk&inđk I ešdr cky fodkl I ok ifj; kstukvka ds rgr I pkfyr vkaokMđ dđntka ea xHkđrh efgykva dh I đ; k T; knk ¼49-5 ifr'kr½ ntZ dh xđZ rRi 'pkr xđ&l jđkjh I xBuka }kjk I pkfyr I ešdr cky fodkl I ok ifj; kstukvka ds vrxđ pyk, tk jgs vkaokMđ dđntka ¼48-6 ifr'kr½ vđđ fu; fer I ešdr cky fodkl I ok ifj; kstukvka ds vekhu I pkfyr vkaokMđ dđntka ¼47-2 ifr'kr½ ea #fpđj rF; ; g gšfd fu; fer I ešdr cky fodkl I ok ifj; kstukvka ds tutkrh; vkaokMđ dđntka ¼61-8 ifr'kr½ rFkk xđ&l jđkjh I xBuka }kjk I pkfyr I ešdr cky fodkl ifj; kstukvka ¼58-3 ifr'kr½ ea vfeđkfeđ xHkđrh efgykva dks 'kkfey đjrs ik; k x; k gđ

xxiii½ I cl sfnypli fu"d"đ; g Fkk fd xđ&l jđkjh I xBuka }kjk I pkfyr I ešdr cky fodkl I ok ifj; kstukvka ea ntZ dh xđZ I Hkh ekrk, a xteh.k rFkk 'kgjh {ks=ka ds vkaokMđ dđntka l s ykHk mBk jgs Fkđ tcfđ xteh.k {ks=ka ea bl dh ifr'kr½ 75-6 ifr'kr Fkđ dgy feyđj] 50 ifr'kr I s đđ vfeđ ekrkva ¼62-8 ifr'kr½ dks bl I đpekk ds fy, ntZ fd; k x; k FkđA buea l s 89 ifr'kr ekrkva us ijđ i kškgkj i ktr fd; kA v#.kkpy insk ¼82-9 ifr'kr½ fetkje ¼80-3 ifr'kr½ ukxyM ¼81-8 ifr'kr½ vđđ I đk 'kkf l r {ks= nknj , oauxj gosy ¼85-5 ifr'kr½ rFkk y{k}hi ¼87-7 ifr'kr½ jkT; ks ea 80 ifr'kr I s T; knk ufl đk efgykva dks i kškgkj grqntZfd; k x; kA ; g nđkk x; k fd bu jkT; ka ea mPp ifr'kr ij ufl đk efgykva dks i kškgkj fn; k x; kA

f'k'kq ¼ ekg l s 3 o"đđ

xxiii½ vkaokMđ ea fn[kk; k x; k gšfd ckydka ¼55-2 ifr'kr½ dh rgyuk ea ckydka ¼59-1 ifr'kr½ dk i atđdj.k Li"V : i l s T; knk gđk gđ

bl l s i#&L=h ds ifrfufekRo dh I keđ; fLFkfr dk i rk pyrđ gđ I ešdr cky fodkl I ok ifj; kstukvka dh I Hkh Jđ.k; ks ea i kškgkj dk ykHk mBkus okyh ckydka dk ifr'kr cgr T; knk gđ dgy ckydka, a 82 ifr'kr & xteh.k ¼81-0 ifr'kr½ tutkrh; ¼84-0 ifr'kr½ vđđ 'kgjh ¼82-5 ifr'kr½ bl ds foijhr dgy ckyd 75 ifr'kr & xteh.k ¼72-6 ifr'kr½ tutkrh; ¼81-1 ifr'kr½ vđđ 'kgjh ¼74-4 ifr'kr½ bl tkudkj dh nđ jh fnypLi fo'kškrk ; g gšfd đđ jkT; ka rFkk I đk 'kkf l r {ks=ka ea 90 ifr'kr ckyd rFkk ckydka us i kškgkj dk ykHk mBk; kA

kyd ¼ l s 6 o"đđ

xxxiv½ bl rF; ds cktm fd ckydka ¼61-1 ifr'kr½ dh rgyuk ea ckydka, a ¼57-8 ifr'kr½ T; knk ntZ dh xđZ gđ fQj Hkh ckydka dk ykHk fgLI k T; knk ¼75-9 ifr'kr½ gđ tcfđ ckydka ¼74-6 ifr'kr½ dks de ykHk feyk gđ tutkrh; {ks=ka ea i kškgkj grq vfeđk k ckyd rFkk ckydka, a ntZ dh xđZ gđ ¼80e" ¼62-8 ifr'kr rFkk 67-5 ifr'kr½ rFkfi] tutkh; {ks=ka ea i kškgkj dk ykHk mBkus okyh ckydka dk ifr'kr ¼75-5 ifr'kr½ vfeđ nđkk x; k] xteh.k ¼77-3 ifr'kr½ rFkk 'kgjh ¼76-1 ifr'kr½ {ks=ka dh rgyuk ea tutkrh; {ks=ka ¼71-9 ifr'kr½ ea ckydka dh I đ; k de jgh gđ

ijđ i kškgkj dh Lohđk; đk

xxxv½ n l ea l s vkaokMđ dk; đrđk/ka ¼79-8 ifr'kr½ us l puk nh fd cPpka , oa ekrkva dks I Hkh [kk] I kexđ Lohđk; đgđ mlđga ; s Bhd l s rđ kj Lokfn"V yxrk gš rFkk osbl dk mi ; ks đjrs gđ yxHkx l kr ifr'kr us đđ vkgkj gh Lohđk; đk ; kđ; đgđ X; kjg ifr'kr us [kk]



I kexh dks Lohdk; ZughæukA vfeckak f'kd; ra xteh.k ifj; kst ukvka 1/3-5 ifr'kr½ l sfeyh fQj 'kgjh 1/8-4 ifr'kr½ rFkk tutkrh; ifj; kst ukvka 1/7-1 ifr'kr½ l A [kk | l kexz; ka dks l cl svfekd tutkrh; ifj; kst ukvka 1/8-7 ifr'kr½ ea Lohdkj fd; k l ml dscn xteh.k 1/7-8-8 ifr'kr½ vls 'kgjh ifj; kst ukvka 1/6-7 ifr'kr½ ea Lohdkj fd; k x; kA 16 jkT; ka l 2k 'kfl r {ks-ka dsvakuokMh dk; Zdrkz/ka us mYy[k fd; k fd Bdnkja }kjk vki firZ dh xbl rS kj [kk | l kexz; kafuEu Lrj dh FkA vakuokMh dk; Zdrkz/ka us l puk nh fd jktLFkk 1/6-9 ifr'kr½ vl e 1/6-7 ifr'kr½ mVh k 1/6-5-0 ifr'kr½ gfj; k.k 1/6-5-0 ifr'kr½ e8ky; 1/4-0-0 ifr'kr½ mUkjopy 1/4-0-0 ifr'kr½ jkT; ka ea 75 ifr'kr ykHkFkz; ka dks de Lohdk; ZgSrFkk l cl sde mUkj i nsk 1/2-5-7 ifr'kr½ dks Lohdk; Z gkus dh l puk feyh gA

oñ) fuxjukh

xxxvii½; g nSkk x; k fd vakuokMh dk; Zdrkz/ka us 63-5 ifr'kr uotkr f'k'kq/ka dk otu fd; k rFkk ekrvka us uotkr f'k'kq/ka dk otu djus dsfy, cPpka ds jkxh gkus ds cktm bl dk; Z ea l g; kx fn; kA 'kgjh ifj; kst uk ds vakuokMh dk; Zdrkz/ka 1/6-7-5 ifr'kr½ us uotkr f'k'kq/ka dk otu fd; kA xteh.k vakuokMh dk; Zdrkz/ka 1/6-4-0 ifr'kr½ us Hkh uotkr f'k'kq/ka ds otu rkyus ea l ekurk gkfl y dh tcd tutkr vakuokMh dk; Zdrkz 1/5-9-4 ifr'kr½ Hkh ekrvka dks l e>kus ea l Qy jgs vls uotkr f'k'kq/ka dk otu rky l dA c; kl h ifr'kr vakuokMh dk; Zdrkz/ka us bl fn'kkfunz k dk ikyu fd; k vls 3 o'iz l s de vk; q ds cPpka dk eghus ea, d ckj otu rkykA rFkfi 3 l s 5 o'iz ds vk; &oxZ ds cPpka ds otu dks rkyuk dñ vPNk gkrk gS D; kñd vfedrj vakuokMh dk; Zdrkz 1/8-3-3 ifr'kr½ bl s djus ea l Qy jgrs FkA otu rkyus rFkk

ml dh ; kx; rk cukusdk l Ei wkZnkf; Ro vakuokMh dk; Zdrkz/ka 1/8-5-8 ifr'kr½ us vi us dakra ij fy; kA i; Zskdka us vakuokMh dñka ds nS ds l e; xHkhj : i l s dñ kS"kr cPpka rFkk uotkr f'k'kq/ka ds fodkl dh tkp ea l gk; rk dhA

Ldny&i wZ f'k{kk

xxxviii½ vls ru 37 cPpka dks vakuokMh+ ka ea Ldny&i wZ f'k{kk ds fy, i athdr fd; k x; kA bl l s ; g l dr feyrk gS fd vakuokMh dk; Zdrkz/ka us oñpr rcds ds cPpka dks vakuokMh dñka ea ykus dk l dkj kRed iz; kl fd; k rkd os i kSkkgj rFkk LokLF; l d kvka dk mi ; kx dj l dA dgy feykdj 75 ifr'kr i athdr cPps vakuokMh ea mi l Fkr jgA rgyukRed : i l s i athdr cPpka rFkk vakuokMh dñka ea mi l Fkr gkus okys cPpka dks ik; % cjkj & cjkj Hkstu fn; k tkrk gA rFkfi] mi l Fkr ds vkuokMh ea fo"kerk nS kh tk l drh gS ft l ea ; g mYy[k fd; k x; k gS fd vakuokMh dñka ea ykHk i kr djus okys ckydka dh rgyuk eackfydkvad h l ; k vfed gA vr% bl h rjg fo"ksk : i l s 'kgjh {ks-ka rFkk uxjka ea Ldny&i wZ f'k{kk dsfy, ckydka dks futh Ldnyka ea Hkstu dks rj thg nh tkrh gA

Ldny&i wZ f'k{kk dk; Zdyki

xxxviii½ yxHkx l Hkh vakuokMh dñka 1/9-5-1 ifr'kr½ ea cPpka dks xhr xkus ds fy, dgk tkrk gA dgkuh l ukuk vls i gkMh; kn djuk nks vl; dk; Zdyki gS ft l s 91 ifr'kr vakuokMh dk; Zdrkz/ka }kjk fd; k tkrk gA ; | fi 78 ifr'kr vakuokMh dk; Zdrkz/ka us vkarfj d dk; Zdyki ea cPpka dks 'kfey fd, tkus dh l puk nh gS rFkfi muea l s rhu&pkfkkbz dk; Zdrkz/ka 1/7-4-7 ifr'kr½ cPpka dks LoPN : i l s kra djus rFkk ml gavi usfnekx dk mi ; kx



djus ds fy, dgk tkrk gA 70 ifr'kr vkauokMh dlnz vkmVMkj [ksyka dk vk; kstu dj l drsgA ekfl d l ello; dks ifj"dr rFkk fodfl r djus l s l ekr i Vax] fi Vax] fp= cuku; fl ykbZ rFkk jx HkjbZ tS s dk; Dyki ka rFkk HkkoukRed rFkk ckS) d fodkl ds dk; Dyki pquank vkauokMh dlnka ea dny l hfer : i eafd, tk l ds gA

LokLF;

vk; ju rFkk Qkfyd , fl M ¼/kbZ, Q, ½xkfy; ka

xxxix ½ekrkvka l s i kr vk d M l s i rk pyr k gSfd N% ekg rFkk 3 o"z ds chip ds nl ea l s N% cPpka ½9-6 ifr'kr½ dks vkbZ, Q, - xkfy; ka nh xbA vkauokMh dk; D r k vka dks xHkbrh efgykva ds ?kja ea HkV/ djrs l e; rFkk , u, p-bMh l = ds nkjku rFkk LokLF; tkrp dh i f 0; k ds nkjku fo'kSk funsku ds l kFk bu xkfy; ka ds mi ; kx i f 0; k ij xgu fuxjukh j [kuh i Mfh gA xHkbrh efgykva }kjk vkbZ, Q, - xkfy; ka ds mi Hkks ds fooj .k l s i rk pyr k gSfd bl Jskh dh efgykva ½8-9 ifr'kr½ us fu; fer : i l s xksh dk mi ; kx fd; k gS tcf d vl; 16 ifr'kr efgyk, a ; nk&dnk ml l e; bl dk mi ; kx djrh gñ tc mudh bPNk gksh gA ekrk, a ¼13-5 ifr'kr½ vi us i kl xksh j [krh gñ fdUrq bl dk mi ; kx ugha djrh gñ D; k d os bl ds Lokn dks i l n ugha djrh gA

ifrj{k.k Vhds

x1½ i kFkfed LokLF; dlnka@l kepkr; d LokLF; dlnka rFkk muds vekhuLFk LokLF; foHkxka ds }kjk , d o"z l s de vk; q ds cPpka ds fy, ri fnd] fMIFkfrj; k] [kka h ½ d p j [kka h ¼ fVVul] [kl jk rFkk i kfy; ks l s cpko gsrq ifrj{k.k Vhds rFkk l efd r cky fodkl l ok ifj; kst uk {ks-ka ea l Hkh xHkbrh efgykva dks fVVul l scpko gsrq

ifrj{k.k Vhds yxk, x, gA nk&frgkbZ cPpka ½66-1 ifr'kr½ dks ifrj{k.k Vhds yxk, x,] ft l ea xteh.k ifj; kst ukvka ¼71-6 ifr'kr½ ea l cl svfekd Vhds yxk, x, A ml ds ckn 'kgjh ½65-7 ifr'kr½ rFkk tutkrh; ½61-5 ifr'kr½ ifj; kst ukvka ea yxk, x, gA LokLF; vfekdkfj; ka us l fpr fd; k gSfd l Hkh cPpka dks ifrj{k.k Vhds yxk i kuk bl ckr ij fuHkZ djrk gSfd tc ifrj{k.k dk; D e l pkyr djrs l e; ; s cPpsmi yCek j gA xteh.k {ks-ka e} ifrj{k.k Vhds yxkus dh fLFkr vk'kk l s de irhr gksh gS tcf d rnyukRed : i l s xteh.k l efd r cky fodkl l ok ifj; kst ukvka ¼71-6 ifr'kr½ ea i frj{k.k dh fLFkr cgrj gA , d #fpdj rF; ; g n[kus dks feyk fd LokLF; vfekdkfj; ka@vkauokMh dk; D r k vka }kjk Vhdkdj .k ds fjd k Mka dk Bhd l s j [kj [kko fd; k tkrk FkA

vi ; kr ifrj{k.k ds dkj .k

x1i½ yxHkx , d&frgkbZ LokLF; vfekdkfj; ka }kjk tks fj i kVZ nh xbZ gñ ml dse[; dkj .k ekrk&fi rk vka ½23-3 ifr'kr½ dk ifrj{k.k ds ifr mnkl hu i f 0k dk gsk rFkk ifrj{k.k ds ifr vfo'okl ¼17-67 ifr'kr½ i f 0k gsk crk; k x; k gA vl; tks e[; dkj .k crk, x, gñ muea cqrqka ds ifr vkLFk] jhfr&fjokt] vlek fo'okl] tkfr; ka@ erkoyfEc; ka ds ifr yxk, x, Dya vlkn 'krfey gA nl ea l s, d LokLF; vfekdkjh ¼10-8 ifr'kr½ us; g mYy[k fd; k fd ifrj{k.k ds ykHk ds cksj s ea i ; kr tkx: drk u gkus ds dkj .k l epk; ds dbZ oxka l s cMh fojkok gprk gA

xHkbrh ekrkva ds fy, ifrj{k.k Vhds

x1ii½ vk d M l s i rk pyr k gSfd xHkbrh ekrkva ¼76-2 ifr'kr½ dks fVVul Vkd l kbM ifrj{k.k Vhds yxk, x, A l Ukkbl ifrj{k.k xHkbrh ekrkva us igyh [h]kd yh rFkk 48 ifr'kr



ekrkvka usHkh nŭ jh [kɔkd dk Qk; nk mBk; kA xkeh.k ifj; kstukvka ea ifrj{k.k Vhdka dh ifr'krnk nj 1/79-0 ifr'kr½ dkQh vfekd gA ml dsckn tutkrh; rFkk 'kgjh ifj; kstukvka dh ifr'krnk gS ftl ea nksuka ds chp , d ifr'kr dk cgr eknyh varj gA rFkkfi]] xkeh.k 1/26-8 ifr'kr½ rFkk 'kgjh 1/25-37 ifr'kr½ ifj; kstukvka dh rnyuk ea tutkrh; ifj; kstukvka ea tutkrh; ekeyka }kjk igyh [kɔkd yus l ækh fLFkr dkQh cgrj gA

cky ifrj{k.k 10&6 ekg½

xliiii½ nŭk fi ykus okyh ekrkvka 1/77-4 ifr'kr½ us l fpr fd; k gS fd muds f'k'kq dks ifrj{k.k Vhdk yx pɔk gA ; g dk; Zxkeh.k ifj; kstukvka dh rnyuk ea 'kgjh ifj; kstukvka 1/79-7 ifr'kr½ ea dŭn vfekd gɔk gS ftl ea ekrkvka 1/79-4 ifr'kr½ us l fpr fd; k fd muds f'k'kq dks ifrj{k.k Vhdk yx pɔk gA l cl sde 70 ifr'kr dojst tutkrh; {ks=ka ea gɔk gA

cky ifrj{k.k 16 ekgl l s 3 o"kw½

xliiv½ vkaɔMs crkrs gS fd ch-l h-t- ds Vhds l cl s vfekd 1/82-4 ifr'kr½ yxk, x,] ml ds ckn ikfy; ks dh rhu [kɔkd rFkk [kl jk 1/nksuka 70-5 ifr'kr½ Mh-i-h-Vh- 3 [kɔkd 1/88-9 ifr'kr½ rFkk chlVj Mh-i-h-Vh- dh [kɔkd 1/17-8 ifr'kr½ nh xB

cky ifrj{k.k 18&6 o"kw½

xli v½ bu cPpka dh ekrkvka uscrk; k fd muds cPpka dh fVVul l scpko dsfy, Mh-Vh- chlVj yx pɔk gA bl vk; &oxZ ds cPpka dks ifrj{k.k ds Vhds mrus ugha yx i krs gS ft rusfd rhu o"kw l s de vk; q ds cPpka dks yxs gA , d k i hr gsrk gS fd vkaɔMh dk; ZrkZka dk vfekd

è; ku 3 o"kw l s de vk; q ds cPpka ij T; knk x; k gA xkeh.k {ks=ka ea ifrj{k.k Vhds yxkus dk dk; Z T; knk cgrj jgk gS tS k fd ekrkvka 1/56-7 ifr'kr½ us cr; kA ml ds ckn] ; g dk; Z tutkrh; 1/52-5 ifr'kr½ rFkk 'kgjh 1/51-5 ifr'kr½ ifj; kstukvka ea gɔk gA

tle dsl e; cPps dk otu rkyuk

xli vi½ ; g ik; k x; k Fkk fd l kr ifr'kr cPpka dk tle dsl e; dk otu 2 fdykske l s de FkA ; g fLFkr fujiokn : i l s bu cPpka dks nŭk fi ykus dsfy, ekrkvka dks i krl kgr djus dh vko'; drk n'kZ h gA vkaɔMh dk; ZrkZka uscrk; k fd ekrk&fi rkvka }kjk cPpka ds otu rkyus dsfy, viuh l gefr u fn, tkus ds i hNs tksrdZfn, x, gS osfuEu vlæk fo'okl ka ds vlækj ij gS tS sBcPps ij cjh vkrek dk vl j i Mxkb] BcPpk chekj i M+ tk, xkb] vkfnA tutkrh; l ešdr cky fodkl ifj; kstukvka ea yxHkx rhu&pkfkkbZ cpPpka dk otu 2-5 fdykske l s vfekd FkA

LokLF; tkp

xli vii½ vkaɔMh dk; ZrkZka 1/75-1 ifr'kr½ ds vuq kj LokLF; vfekd kfj; ka us cPpka ds LokLF; dh tkp dh ftl ea vka[k] dku] ukd] nkr] cky rFkk 'kjh ds ckg; vakra dh fu; fer : i l s tkp djuk rFkk c[kkj] vka[k rFkk dku dh l eL; kj pkVZ jks vkfn 'kkfey gA l cl svfekd ifr'kr 'kgjh ifj; kstukvka 1/80-8 ifr'kr½ dk gS ml ds ckn tutkrh; ifj; kstukvka 1/78-7 ifr'kr½ rFkk xkeh.k ifj; kstukvka 1/72-3 ifr'kr½ dh gS ftl ea fxjkoV vkbZ gA

xli viii½ bD; kou ifr'kr LokLF; dh tkp , , u , e }kjk dh xbZ gS tcf d 22 ifr'kr LokLF; & tkp fpdfRI k vfekd kfj; ka }kjk dh xbZ FkA tgka rd , y , p oh@ ih , p , l dk l æk gS ; g dɔy 14 ifr'kr gA vkaɔMh dk; ZrkZka us



t: jrem ekrkvk xjhc cPpka rFkk , d , d s
Nks/&Nks/s ifjokjka dks ; g I fpekk inku djus
dk ; FkkI Hko iz kl fd; k x; k] tks vfevd rj
?kjka ea gh jgrs gS rFkk tks I kekl; r; k LokLF;
tkp rFkk fpdfRI k I ok oApr Fka I Hkh J&.k; ka
ds ykHkrfkz ka dsfy, Beghusea, d ckjP LokLF;
tkp dh 0; oLFkk dh xbZ ftudh I ; k 47
ifr'kr rFkk 61 ifr'kr ds chp gA 61 ifr'kr
vkauokMh dk; Zdrkzka ds fooj.k ds vuq kj
LokLF; &tkp e] eghusea, d ckj 3 o"Zl sde
cPpka%56-1 ifr'kr%dsLokLF; tkp vjg xHkZrh
ekrkvkadh il o&iwZ tkp ij e; ku fn; k x; kA

i kSkkgkj rFkk LokLF; f'k{k

xlix½ tgdard ckjEckj bl dk; Døe ds vk; kstu dk
I æak gS muea I s69 ifr'kr vkauokMh+ ka us; g
dgg fd mlugkaus ekrkvka rFkk cPpka I s I æfekar
fo"ka; ka ij eghusea, d ckj i kSkkgkj rFkk LokLF;
f'k{k dk; Døe vk; kstr fd; kA ykHkrfkz ka ds
fy, I e>h xbZt: jrkds vuq kj pkrng ifr'kr
vkauokMh+ ka us; g dk; Zdyki vk; kstr fd; kA
yxHkx I kr ifr'kr vkauokMh+ ka usnkseghusea
, d ckj bl dk; Zdyki dk vk; kstu fd; kA nI
ea I s I kr tutkrh; vkauokMh+ ka us eghus ea
, d ckj bl dk; Døe dk vk; kstu fd; k] ml ds
ckn xkeh.k rFkk 'kgjh ifj; kstuvka%68-3 ifr'kr½
ds ifr'kr Hkh ckjckj jgA vkadMha I s; g Hkh irk
pyrk gSfd vks ru 20-94 ekrkvkaus tutkrh;
vkauokMh+ ka e] 18-43 usxkeh.k vkauokMh+ ka ea
vjg 18-68 us'kgjh vkauokMh+ ka ea I fØ; : i
I s Hkx fy; kA bu rhu {ks=ka ea ekrkvka dh
mi fLFkr dk vks r 18-68 Fkka

**i kSkkgkj rFkk LokLF; f'k{k dsfy, vi ukbz
xbz i) fr**

1½ yxHkx I Hkh vkauokMh dk; Zdrkzka%2-1 ifr'kr½
us vyx&vyx ; k I engka ea ekrkvka I s cr

djus dsfy, var%\$ fDr d I æak rFkk ppkz dks
i) fr ds: i eami; kx fd; kA vU; kadsfoijhr
ftl i) fr dk mi; kx LoPNUn : i I s fd; k
x; k] osfuEufyf[kr Fks& ut, [kka dk in'kZu] e[k
I sfutyhdj.k I ekeku dh rS kjh] ekrkvkarFkk
; pfr; ka%36-6 ifr'kr½ dsfy, ty LoPNhdj.kA
vkauokMh dk; Zdrkzka us nLr] ifrj{k.k] y?kq
ifjokj ekun.M] efgyk eMyka@Lo; &I gk; rk
I engka dh Hkfedk] xHkjh : i I s d] kstr cPpka dh
nS kHkky vkfn I s I æfekar e] ka ij in'kZu; ka Hkh
vk; kstr dhA vkauokMh dk; Zdrkzka us ekrk
vjg cPps ^kø ij* I s I æfekar e] ka ij idk'k
Mkyk rFkk efgykvka %45&45 o"Zl rFkk vU;
ifjokj ds I nL; ka dks f'k{k nhA

**i kSkkgkj rFkk LokLF; f'k{k dk; Døe vk; kstr
djus ea I eL; k, a rFkk dfBukb; ka**

ii½ 46 ifr'kr vkauokMh dk; Zdrkzka }kjk bu
dfBukb; ka dk mYys[k fd; kA vkauokMh
dk; Zdrkzka us ; g Hkh nS[kk fd [kk |
I kefxz, ka I gk; rk u feyusdsdkj.k osfodyk
dh fLFkr ea i ggp tkrs gA vkauokMh dk; Zdrkzka
%48-3 ifr'kr½ us i kSkkgkj , oa LokLF; f'k{k ea
ckS) d deh nS[kh rFkk i f'k{k.k dlnka ea mluga
fn; k x; k i f'k{k.k i ; kI r ugha Fkka

?kj & ?kj nkf

iii½ vkadMha ea ; g ifjyf[kr gkrk gS fd 'kgjh
ifj; kstuvka %46-7 ifr'kr½ ea ifjokjka ea fd,
x, nkS ka dh I ; k dkQh vfevd Fkha , d eghus
ea ; s nkS dsy 41-1 ifjokjka dsfy, fd, x, A
tc xg nkS ds iz kstu ds I æak ea i nK x; k rks
vfevd rj vkauokMh dk; Zdrkzka %20-2 ifr'kr½
us crk; k fd I e; I s i wZl i at hdj.k] xHkZrh
efgykvka rFkk Lruiku djkus okyh efgykvka
dh nS kHkky djuk mudk i e[k nkf; Ro gA



xg nkš ka dk nŵ jk egŵoi wkz mš; ; g crk; k x; k fd os cPpka dh fu; fer rFkk l e; c) rjhdsl svkakuokMŵ dšnka eami lFkfr l ŵuf' pr djuk pgrs FkA yxHkx cjkcj ifr'kr 1/6-8 ifr'kr 1/2 ds vkuokMŵ dk; Œrkž/ka us dŵ kš'kr cPpka dh nŵ kHkky djus grq ekr&fi rkva dh ftEenkjh ds ckjs ea cgrj l e>nkjh i šk djuš chekj cPpka dks vLi rky ys tkus vŵ i kškgkj l æakh mudh vko'; drkva dks ij k djkus ds fy, ?kja dk nkš k fd; kA

, fl M dh xŵy; kanrsh Fkha & , d xŵyh vk; ju ea 60 feyhŵte vk; ju rFkk Qkšyd , fl M ea 0-5 , e-tŵ Qkšyd , fl M {kerk dh xŵy; kanh tkrh Fkha , , u , e rFkk vkuokMŵ dk; Œrkž bu xŵy; ka ds rFkk fd' kšj; ka ds LokLF; ij bl ds l Hkkfor i Hkkoka dh tkp djrh FkhaA vkuokMŵ dk; Œrkž/ka 1/30-7 ifr'kr 1/2 ds vuŵ kj vkuokMŵ dšnka ea i at hŵr fd' kšj; ka us Hkh i kškgkj i kŵr dhA vkuokMŵ dk; Œe eanh tk jgh l ɔkvka ds LFkk; h i Hkko dks l ŵuf' pr djus ds fy, 27 vi šy vkuokMŵ dk; Œrkž/ka us i kfjokjd thou dh f'k{k dk vk; kst u fd; kA bl ea vkuokMŵ dk; Œrkž/ka us fookg dh mi ; ŵr vk; j; kšukoLFkk ds nkš kuj l koekfu; kš 0; fDrxr LokLF; rFkk gkbf tu l e; & i ŵZ xHkškj .k ds [krjš euk& l keftd fodkl] l ŵe thou pØ vkfn fo'k; 'kŵfey fd, x, A yxHkx l eku ifr'kr 1/2-2 ifr'kr 1/2 vkuokMŵ dk; Œrkž/ka us Hkh LokLF; tkp rFkk cjkcj ds oxkš rFkk i fjokj ka ea bl vk; qvŵ mudsl keatL; dh l Hkkouk l sl æækr eŵ ka ij ijke'kž 1/21-4 ifr'kr 1/2 ij cy fn; kA

jQjy l ɔk, a

liii 1/2 vfeđrj vkuokMŵ dk; Œrkž/ka us fpfdRl k ekeyka dks i kFkfed LokLF; dšnka dks Hkšt k] tks utnhd ds rFkk vl kuh l sigp l drs FkA bl l ɔk ds ykHkFkž xteh.k 1/63-5 ifr'kr 1/2 rFkk tutkrh; 1/67-1 ifr'kr 1/2 l ešdr cky fodkl l ɔk ifj; kst ukvka ds FkA bu ykHkFkž; ka dks mi & fpfdRl k dšnka 1/16-8 ifr'kr 1/2 ea Hkh Hkšt k x; k FkA 'kgjh ifj; kst ukvka }kjk ftyk vLi rkyka dh l ŵoekk dk vfeđkfeđ mi ; kx fd; k x; kA jQjy l ɔkvka dh n{krk dks < kusea vkuokMŵ dk; Œrkž/ka }kjk l keuk dh tk jgh foHkŵ l eL; kvka ea eŵ; ; i l scPpka dks vLi rky ys tkusea ekr&fi rkva dh v#fp 1/26-3 ifr'kr 1/2 i kFkfed LokLF; dšnka@ l kepkf; d LokLF; dšnka 1/23-7 ifr'kr 1/2 dh l ŵj vofLFkfr vŵ i fjogku l ŵoekk 1/25-8 ifr'kr 1/2 dh deh vkfn 'kŵfey gš

fd' kšj ; ka

liv 1/2 l ešdr cky fodkl l ɔk ueuk ifj; kst ukvka ea o"ž 1992 ds nkš ku 'kq dh xbž fd' kšj; ka ds fy, Ldhe 1/4 d' kšj h 'kŵDr ; kst uk 1/2 ds rgr 44 ifr'kr vkuokMŵ dk; Œrkž/ka us l ɔk, a inku dj jgh gš vkuokMŵ dk; Œrkž/ka 1/32-22 ifr'kr 1/2 us fd' kšj; ka dks jkšt kuk vk; ju rFkk Qkšyd

I ešdr cky fodkl l ɔk dšyHk rFkk i fj .ke

oržku vè; ; u rFkk i ŵZ vè; ; uka ds fu"d"kkš dh rgyuk

oržku eŵ; kaɗu rFkk i ŵZ ea fd, x, vl; jk"Vh; Lrj dseŵ; kaɗu rFkk cgr Lrj ij fd, x, vè; ; uka ds fuld"kkš dh rgyuk djus dk iž kl fd; k x; k gš bu vè; ; uka ea l ešdr cky fodkl l ɔk 1/4 u i l M] 1992 1/4 jk"Vh; eŵ; kaɗu rFkk l ešdr cky fodkl l ɔk 1/4 u l h , bž vkj] 2001 1/2 ds oržku eŵ; kaɗu 'kŵfey gš

vk/kkjHkur l jpuk@miLdj@fdV

lv 1/2 fi Nys 14 o"kkš l s vkuokMŵ dšnka ds Hkou < kŵpsea, d fuf' pr l ŵkŵ nŵ kš x; kA ; g nŵ kš



x; k Fkk fd 1992 eadPpsHkouka 188-7 ifr'kr 1/2
ea l hFkkfir vka uokMh dlnz dk ifr'kr o"lz
2006 19-9 ifr'kr 1/2 ea fxjdj de gypk gA
n jh rjQ 1992 eadpy 43 ifr'kr vka uokMh
dlnka dks i Dds edkuks ea l hFkkfir gkrs gA
n[kk x; k Fkk] tcf d o"lz 2006 ea; g c<ej 75
ifr'kr rd igp x; kA ; g c<fh i ofUk] fo'o
cbl rFkk tokgj jstxkj ; kstuk@ usg: jstxkj
; kstuk ds vrxr vka uokMh dlnka ds i Dds
Hkou dk fuelz k djus ds i koekku ds dkj . k gpl
gksxhA vka uokMh dlnka dks otu rkyus ds
rjktwdh vki firz vksj Ldny&i wZ f' k{kk 1/4 h , I
bz dh miycekrrk ds l mHkz ea Hkh l qkkj n[kus
dks feyk gA

1vi 1/2 fi Nys dN I e; I s l Hkh Lrj i LVkQ dh
rskrh ds ifr'kr ea of) gpl gS tcf d 1-5
ifr'kr l gk; dka 1/2 y i jkkz ds in ea deh vkbz
gA tgkard vkbz hMh, l ds in kfe d k f j ; ka ds
i f' k f k . k dk l ak gS dbz o"kkz l s bl dk; De
ea mUkj kblj : i l s of) n[kh xbz gA cky
fodkl i f j ; kstuk vfe d k f j ; ka ds ekeys ea
i f' k f k r vfe d k f j ; ka dh l q ; k 74 ifr'kr
1/1992 eaz l s c<ej 82 ifr'kr 1/2006 eaz gpl
gS tcf d i ; bz k dka ds l ak ea 1992 ds 84
ifr'kr l s c<ej 2006 ea 95 ifr'kr gpl gS
rFkk vka uokMh dk; Zrkz/ka ds ekeys ea 1992
l s 2006 ds n[sk u 18 ifr'kr l s vfe d dh
of) n[kh xbz gA ; g n[kk x; k fd vfe d rj
vka uokMh dk; Zrkz/ka us mPp ; kxnku i l r
fd; k gA

I ok, a

1viii 1/2 i kskkj dk; De ds vrxr dy ykHkFkz ka
dh l q ; k ea i ; k r : i l s of) gpl gekjs
l fi y dk; De ea 56 ifr'kr l s vfe d cPps

i at h d r fd, x,] ft l ea l s 77 ifr'kr l s
vfe d cPps l okvka dk ykHk mBk jgs Fka ; gh
i ofUk efgyk ykHkFkz ka ds ekeys ea Hkh gS
fdUrql ok dk ykHk mBkusokyka dh ifr'kr r k
dkOh vfe d 187 ifr'kr l s vfe d 1/2 gA de
ot u okyh ckfy d k vka ds tle dh ifr'kr r k
ea Hkh egloi w k z : i l s de h n[kh xbz gA 2500
xte l s de ot u okys cPpka ds tle ds l ak
ea 1992 ds 41 ifr'kr l s ?kVdj 2006 ea 29
ifr'kr gks xbz gA rFkkfi] n jh vksj 2-5
fdy k xte l s vfe d otu okys cPpka dh
ifr'kr r k 1/1992 1/2 ds 58-9 ifr'kr l s c<ej
2006 ea 71-0 ifr'kr gypk 1/2 58-9 ifr'kr l s
c<ej 2006 ea 71-0 ifr'kr gypk 1/2 ea i ; k r
of) gpl FkhA bl ds vykok ; g i k ; k x ; k gS
Fkk fd xHkj : i l s d i k k r cPpka dh ifr'kr r k
ea dkOh fxjkoV vkbz FkhA 0&3 o"lz ds vk; &oxz
ds cPpka ds ekeys e] xM III > IV cPpka dk
ifr'kr 1992 ds 7 ifr'kr l s ?kVdj 2006 ea
1 ifr'kr gypk xM II cPpka dk ifr'kr 22
ifr'kr 1/1992 1/2 l s 7 ifr'kr 1/2006 1/2 rFkk xM
II cPpka dk ifr'kr 1992 ds 35 ifr'kr l s
?kVdj 2006 ea 16 ifr'kr jgka bl h r jg] 3
l s 6 o"lz ds cPpka ds ekeys e] orzku ve; k ;
e] xM III rFkk IV l s i R; sd ds fgl kc l s 0-
8 ifr'kr gh Fkk tcf d i wZ ds ve; ; u 1/1992 1/2
ea; g 4 ifr'kr gypk gA vka uokMh dk; Zrkz/ka
dh fj i kVZ ds vuq kj dbz o"kkz l s fo?kVu
1/1992 l s 63-7 ifr'kr l s ?kVdj 2006 ea 54
ifr'kr rFkk fo?kVu ds vk] r fnuka 1/1992 ds
63-7 ifr'kr l s 2006 ds 41-3 ifr'kr 1/2 dh
l q ; k nksuka gh n"V l s i kskkj ds fo?kVu ea
deh n[kh xbz gA Ldny&i wZ f' k{kk ds fy,
i at h d r ifr'kr vka uokMh dlnz cPps dh
ifr'kr r k rFkk ml ea mudh mi l Fkfr ea
vk'p; Ztud : i l s de h vkbz gA



buiW rFkk vkmViW vkmVde pjka ds vkekkj ij I efd r cky fodkl i fj; kst ukvka ds fy, I exz eW; ka du

I efd r cky fodkl I ok i za ku&buiW@pjka rFkk dk; De ds vkmViW@vkmVde dk eW; ka du

ixiii½ orZku vè; ; u ds fy,] dk; De ds I Qy dk; kZo; u grqdN egUoiwkZ i fjo rZ vko'; d gñ rFkk vkmViW@vuWko ds I nHkZ ea buds i R; sd i Hkko dk irk yxk; k x; kA i R; sd buiW vksj vkmViW@ vkmVde ds pjka ds fy, , d ekud vad dh x.kuk djus grq i sekuk jfgr izkkyh dk iz ksx fd; k x; kA bl fo'kSk vad dsfy, i R; sd pj dksml pj dseè; kgu Hkkstu ea ckW fn; k tkrk gA bl izkj] i R; sd pj ds fy, i klr eW; dks i R; sd i fj; kst uk grq fefJr vad ds : i ea i klr djus ds fy, ml s tkM+fn; k tkrk g\$ ftl sfefJr buiW rFkk vkmViW@vkmVde pj vad dgk tkrk g\$

ixi½ buiW i fjo rZka ds fefJr vad I s ; g irk pyr k g\$fd vfedk k i fj; kst ukvka us buiW i za ku rFkk vkmViW@vkmVde nksuka ds fgl kc I s vPNk dk; Z fd; kA rFkfi] bl ea ; g Hkh Li "V fd; k x; k g\$fd mUkj ds ^chek#^ %ch vkbZ , e , vkj ; % jkT; ka dh dN i fj; kst ukvka us vPNk dk; Z ugha fd; k] fdUr q I Hkh nf{k.kh jkT; ka us okN r Lrj dk dk; Z fd; k gA

lix¼A , d fefJr buiW pj vad ds vkekkj ij I Hkh 150 i fj; kst ukvka dks vojkg h De ea j [kk tkrk g\$ ftl ea I Hkh buiW pjka ds fy, Jskh De n'kZ k tkrk gA dgy fefJr buiW vad ij vkekkfjr 3-1 rFkk 19-3 ds chp U; ure vfedre Jskh ea fefJr buiW pj vad i klr gq A bl ds vykok] bu vadka ds vkekkj ij i fj; kst ukvka dks cgr vPNk ¼15 I svfed vad ¼ vPNk ¼10 vksj 15 ds chp½ rFkk [kjc ¼10 I s de½ dh Jskh i nku dh tkrh gA

ixii½ bl ds vykok] ; g n[kk x; k g\$fd ; | fi 63 i fj; kst ukvka dk cgr vPNk buiW Fkk fQJ Hkh dgy 29 i fj; kst uk, a cgr vPNk vksj 30 i fj; kst uk, a vPNk in'kZu dj i kba dgy pj i fj; kst ukvka dk buiW cgr vPNk gkus ds I kFk&l kFk vkmiW@vkmVde [kjc Fkka bl flFkr ds fy, foLr r dkj.kka dh tkp fd, tkus dh vko'; drk g\$ ftl dk dkj.k bu i fj; kst ukvka dk vxE; rFkk de fodfl r {ks=ka ea l kFkfi r djuk Hkh gks I drk gA fn; kfy I i fj; kst ukvka dk buiW vPNk Fk vksj mluga vkmViW ds l æak ea vPNh Jskh nh xbZ Fkh] tks LokHkkfod gA rFkfi] dgy feydj] vè; ; u ds I s y ds : i ea yh xbZ dgy 150 i fj; kst ukvka ea I s vfedk k I efd r cky fodkl I ok i fj; kst ukvka dks vPNh rFkk cgr vPNh Jskh nh xbZ g\$ tks dk; De ds i kRl kgu ds : i ea , d vPNk I dr gA

ix½ buiW pjka ds fefJr vad ds vuq kj ; g i k; k x; k fd buiW i za ku ds fgl kc I svè; ; u dh xbZ 100 i fj; kst ukvka ea l s dgy 63 i fj; kst uk, a cgr vPNh] 71 i fj; kst uk, a vPNh rFkk 16 i fj; kst uk, a [kjc Fkha

fl Qkf'ka

orZku vè; ; u ea dk Qh vfed fu"d"KZ I keus vk, g\$ tks Bokgokghp ds : i ea i f j y f {kr gq gA tgka rd I efd r cky fodkl I ok dk; De ds dk; kZo; u dk I æek g\$ bl h chp] vè; ; u dk; De



ea l ešdr cky fodkl I ok dh dfri ; dfe; ka ds ckjs ea izdk'k Mkyk x; k gš ftl dk I ekėku i kFkfedrk ds vkekkj ij rFkk e; kui wZl fd, tkus dh vko' ; drk gš fuEufyf [kr i j kxkQ ea vė; ; u ds fu" d"kkā I s mRi Uu ifj . kkeka rFkk fof' k"V vksj I keku;] nksuka izdfri ds mu fu" d"kkā ds egłoi wZ fo' yšk. kka dh fl Okfj' ka gkxh ftl I s dk; Đe ij I heks i Hkko i Mxk

fof' k"V f' kOkfj' ka

i½ vė; ; u ds vuđ kj yxHkx 60 ifr'kr vkuokMh dšntka ea' kšpky; dh I ŋoėkk ugha gS vksj 17 ifr'kr vkuokMh dšntka ea ; g I ŋoėkk I arkštud ugha i kbZ xBā bl ckjs ea rRdky e; ku nsusvksj I Hkh vkuokMh dšntka ea' kšpky; dh I ŋoėkk inku djus ds fy, Bkd mik; djus dh vko' ; drk gš

ii½ fupys Lrj ij LokLF; I okvka dh I gyHkrk I nš fplrk dk fo" k; jgk gS rFkk orėku vė; ; u bl fplrk dk iek. k gš vfeđkāk vkuokMh {ks=ka ea egłoi wZ LokLF; I okvka dh mi yCėkrk ea deh nškh xBā gš ; g nškk x; k Fkk fd dšy 29 ifr'kr vkuokMh {ks=ka ea i kFkfed LokLF; dšnz mi yCėk Fks vksj 43 ifr'kr vkuokMh {ks=ka ea mi & LokLF; dšnz mi yCėk FkA vrš; ; g I ŋko fn; k tkrk gSfd ; Fkkl Hko utnhdh vkuokMh {ks=ka ea LokLF; I ok, a mi yCėk djkus ds fy, LokLF; foHkxka ds I kFk I ello; djus dk iz kl fd; k tkuk pkfg, A

iii½ fo' kšk : i I s 'kgjh {ks=ka ds yxHkx vkeks vkuokMh dšntka ea vkrfjd rFkk ckg; dk; Đrkdvks ds fy, LFkku dh deh gš bl I eL; k dk I ekėku djus dh vko' ; drk gš D; kkd bl I s vkuokMh dk; Đrkd Bhd rjg I s rFkk I kFkd

: i I s I dny&i wZ f' k{kk I cėkh dk; Đyki vk; kštr djus ea I Qy ugha gks i kRā

iv½ orėku vė; ; u ds vuđ kj I feefyr yxHkx 44 ifr'kr vkuokMh dšntka ea Ldny&i wZ f' k{kk I cėkh fdV dh deh nškh xBā I Hkh Lrjka ij dk; ZvkjHk djus dh vko' ; drk gŠrkfd Ldny&i wZ f' k{kk I cėkh fdVka dh mi yCėkrk I ŋuf' pr dh tk I dš; tks I Hkh vkuokMh dšntka ea Ldny&i wZ f' k{kk I cėkh dk; Z ds vko' ; d Hkx gš ykx i Hkko rFkk ykdfi z, LFkkuh; I ā kekuka dk b"Vre mi ; kx [ksy I kefxz ka ds fuekZk ds fy, djus dh vko' ; drk gš rFkfi] bl I s vkuokMh dšntka ea ckg; I kRka I s [ksy I kefxz ka , df=r djds i R; d vkuokMh dšnz ea f [kykšuk cđ tš h ifj; kstuk dk dk; Z gksrk jgrk gš

v½ dfri ; vMēpuka ds dkj . k vfeđk' k vkuokMh dšntka ea Hkktu rš kj djus vksj i jkd us ds crZu okNuh; ek=k rFkk vPNs Lrj ds mi yCėk gksus dh vk'kk ugha dh tk I drh gš bl ea u, fl js I s fopkj djus vksj I jdkj dh vksj I s igy djus dh vko' ; drk gŠ rkfd i R; d vkuokMh dšnz ea vfeđ ek=k ea vksj vPNs Lrj dh I ŋoėkk i ktr gks I dā

vi½ orėku vė; ; u I s irk pyr k gSfd fo' kšk : i I s tutkrh; {ks=ka ds {ks=h; @xkeh. k Lrj ij vksj xš& I jdkjh I xBuka } kjk pykbZ tk jgh ifj; kstukvka ea Hkh LokLF; foHkx dk I ešdr cky fodkl I ok vfeđkfj; ka ds I kFk I ello; ea dŋ deh gš bl I s vkuokMh Lrj ij fu; fer : i I s LokLF; tkp dk dk; Z ugha gks i kRā I ešdr cky fodkl I ok rFkk LokLF; dk; Đrkdvks } kjk nksuka ds chp I Hkh Lrj ij xgu I ello; djus ds fy, I ā Đr : i I s Bkd iz kl fd, tkus dh vko' ; drk gŠrkfd LokLF; tkp djus ds fy, mfpr ; kstuk rš kj dh tk I dā



vii½ fuf'pr vkauokMh {ks=ka ea l Hkh xHkbrh efgykvka dks vk; ju rFkk Qkfyd , fl M dh xkfy; k [kkus grq i k&l kfgr djus ds fy, I efd r cky fodkl I ok rFkk LokLF; vfedkdfj; ka }kjk , d fo'kSk efige pykus dh vko'; drk gS D; k&d or&ku v&; ; u eamYy[k fd; k x; k gS fd ; s efgyk, a bu xkfy; ka dk mi ; kx ugha djrh gA

viii½ i kSkkgkj dh vki firZ djus ds fy, ftEenkj , t&l ; ka dks Li "V fun&k fn, tkus dh vko'; drk gS ftl l s i kdfrd vki nkva vkj vR; f/kd [kjk i fj l Fkfr; ka l smRi lu fLFkfr dks Nk&elj] fdl h Hkh n'kk ea vkauokMh Lrj ij i kSkkgkj forj.k ds dk; Z ea ck&kk u i M&A i kSkkgkj dh fu; fer vki firZ ds fy, I &f&kr , t&l ; ka dks vko'; d fun&k tkjh djus ds vykok l jdkj dks mu dkj .kka dh t&p djuh pkfg, ftl l s bl rjg dh ck&kk, agksh g&rFkk mu fLFkfr; ka l sfui Vus ds fy, vko'; d dkj&kbZ vkj&lk dh tkuh pkfg, A

ix½ or&ku v&; ; u ea crk; k x; k gS fd ; | fi ckydka dk i athdj.k de l [; k ea g&yk gS rFkfi os ckfydkvka dh rgyuk ea T; knk yHk mBk jgs gA vkauokMh dk; Zr&ka dks ; g l fuf'pr djuk pkfg, fd l Hkh ik= ckfydk, a i kSkkgkj dk yHk mBk jgh gS D; k&d Hkfo"; ea LoLFk Hkkr dk fueZk cMs i &kus ij LokLF; ckfydkvka ds tle ij fuHk& djrk gA

x½ i frj{k.k Vhds yxkus ds dk; Z ea of) fd, tkus dh vko'; drk gS rkd l Hkh cPpka dks ijs Vhds yxk, tk l d& vr% I efd r cky fodkl I ok rFkk LokLF; vfedkdfj; ka dh vkj l sbl fn'kk ea Bld iz, kl djus dh vko'; drk gA i frj{k.k Vhds dh vko'; drk rFkk ml ds eglo ds l &ek ea l eqk; ka dks Hkh i ; k&r : i

I s tkx: d cukus dh vko'; drk gS ftl l s i frj{k.k dh i f&; k ea i fjokjka dh mi y&krk l fuf'pr gks vkj bl dk; Z ea mudk l g; kx feyrk jgA

xi½ v&; ; u l sirk pyr gS fd 29 i fr'kr cPps l k&l; l s de ½-5 fdy&ke½ o t& ds i &k gq A bl i fn"; ea fu% ngj vkauokMh Lrj ij fu; fer i kSkkgkj dh vki firZ rFkk xHkbrh ekrkvks dh ns[kHky ds fy, Bld dne mBk, tkus dh vko'; drk gA bl ea fu; fer LokLF; t&p] i kSkkgkj dh vki firZ rFkk xHkbrh ekrkvka dh ns[kHky ds fy, Bld dne mBk, tkus dh vko'; drk gA bl ea fu; fer LokLF; t&p] i kSkkgkj dh vki fir rFkk xHkbrh ekrkvka ds fy, LokLF; , oa i kSk.k dh f'k{k fn, tkus dh vko'; drk gA vkauokMh dk; Zr&ka dks ekrkvka }kjk vius cPpka dks fcuk fdl h p&d ds n&k fi ykus vkj Lo; a ds l kFk&l kFk vius cPpka ds LokLF; rFkk i kSk.k dh 0; fDrxr : i l ns[kHky djus ds fy, i k&l kfgr fd; k tkuk pkfg, A

xii½ v&; ; u l s ; g i rk pyk gS fd i kSkkgkj rFkk LokLF; f'k{k l =ka ea y{; oxk& dh mi fLFkfr dk Qh de FkA cky fodkl i fj; kst uk vfedkdfj; ka rFkk i ; b&kdka }kjk vkauokMh vfedkdfj; ka dks i jh l gk; rk nsuh pkfg, rFkk ml g&vi usdk; k&dks tkjh j [kus ds fy, i k&l kfgr djuk pkfg, rkd i kSkkgkj , o LokLF; l ks=ka ea de mi fLFkfr ds dkj .k osgr&l kfgr u g& bl rjg ds ekeys ea cky fodkl i fj; kst uk vfedkdh rFkk i ; b&kd vfedkfed xg n&ks dk; Z& ea vkauokMh+ ka dk l kFk ns l drs gS vkj i kSkkgkj , oa LokLF; f'k{k l =ka ea Hkx ys ds fy, efgykvka dks i fj r djus dh i f&; k ea Hkx ys l drs gA

xiii½ or&ku v&; ; u ean[th xbZ, d vl; fo'k&r ; g gS fd 37 i fr'kr vkauokMh dk; Zr&ka us l fir



fd; k fd muds i kl i kSkkgkj , oa LokLF; f'k{k ds fy, I kexh@l gk; d miLdj mi yCek ugha gA tksHh l gk; d miLdj muds i kl mi yCek FkS os cky fodkl ifj; kstuk vfedkj h l s vKs muds if'k{k.k ds nKs ku vfeki klr gq vKs os fcYdy vld"kd ugha FkA vuod dlnks ea i kSkkgkj , oa LokLF; f'k{k l eakh l gk; d miLdj vKs l kefxz ka {ks-h; vFkok LFkuh; Hk"kk ea ugha i kbz xBA bu i gypvka ij l ekj kRed dkj bkbz dsfy, xHkhj rki wZl fopkj fd, tkus dh l Hkkouk gA

xiv½ ; g ik; k x; k fd vkauokMh dk; Zrkz jQjy l ok, a inku djus ea l eL; kvka dk l keuk dj jgs FkA bl dk eL; dkj.k ik; % nij&nij LFkka ea vofLFkr LokLF; dlnka rd t: jren ykska dks ys tkus ea ifjogu l ok, a mi yCek ugha FkA ; g l fpr fd; k x; k fd vuod ifjokj ifjogu dk [kpZ ogu ugh dj l drA bl l Eclck epj xjhc ifjokj ka dks ifjogu l fpekk inku djus ds fy, i pk; rh jkt l LFkka dks l ?kVr fd; k tk l drk gS rkd , d s ifjokj LokLF; l okvka l s yHk mBkus ea l eFkz gkA ; g l q-ko fn; k tkrk gSfd vkauokMh dk; Zrkz/ka dks vko' ; d fufek; kami yCek djkbz tk, arkd osnokb; ka vKs ifjogu ds [kpZ dh l frZdj l dA bl l sfu% ang jQjy l okvka dks c<lok feyska

xv½ fd'kKj ckyfydk, a l okZekd l {ke l eW gS tks vk'p; Ztud ifj.kke yk l drs gA c'krZ fd vkauokMh dk; Zdyki ka ea mlga l epr : i l s 'kkfey fd; k tk, A vkauokMh dk; Zdyki ka ea fd'kKj; ka dks 'kkfey djus vKs mlga if'f{kr djus dsfy, l efdr cky fodkl l ok ea, d fo'kSk i koekku fd; k tkuk pkfg,] D; ksd muea , d h {kerk gSfd os vkauokMh dk; Zdyki ka ds l Hkh {ks=kaeavkxauokMh dk; Zrkz/ka vKs l gk; dka dks l E; d l gk; rk inku dj l dA

xvi½ tle ds l e; f'k'kqdk otu yuk vfuok; Zfd, tkus dh vko' ; drk gS D; ksd ; g i l o ds rjar

i'pkr vi f{kr dk; ZekxZ dk fuekZj .k djrk gS orZku ve; ; u l s ; g izdV gkrk gSfd 36-5 ifr'kr ekrkva us tle ykus okys f'k'kq/ka dk otu ugha dj; k] tks xHkhj fprk dk fo"K; gA LokLF; vKs l efdr cky fodkl l ok ds dePkfj; ka dks vko' ; d vuqsk tkjh fd, tkus pkfg, a fd os tle ds l e; f'k'kq/ka dk otu fy; k tkuk vfuok; Z: i l s l fuf'pr djA

xvii½ f'k'kq/ka ds fodkl dh ekHhVfjak l efdr cky fodkl l ok dk; Ze dk , d vl; egUoiwZ i gywga ; | fi bl dh ekHhVfjak dk cgr Apk i kku ugha gS rFkfi 11 ifr'kr vkxauokMh dlnka ea f'k'kq dk fodkl pkVZ vKs 4 ifr'kr vkxauokMh dlnka ea otu l Eclck pkVZ mi yCek u gkuk , d h pht gSft l sxHkhj rki wZl nS kstkus dh vko' ; drk gA l efdr cky fodkl l ok dk; Ze dks viuh dojst dsrgr l Hkh f'k'kq/ka dk l epr fodkl l fuf'pr djuk pkfg, A

I keku; fl Qkfj'ka

xviii½ foxr vuHko vKs 'kKek Vheka ds i f{k. kka l s ; g inf'kr gvk gSfd tgka dgha Lo&l gk; rk l eW vkauokMh; ka ea i d k Hkstu rS kj djus vKs bl s cPpka vKs xHkZrh rFk Lruiku djkus okyh ekrkva dks ijkd us ea l yXu FkS ogkaekrkva vKs cPpka us i j d i kSkkgkj dk; Ze l s ipj yHk mBk; k gA pnd l efdr cky fodkl l ok dk; Ze dk mS ; bl s , d tu&vkekfjr dk; Ze cukuk gS bl fy, bl s vius iz kl ka ea Lo&l gk; rk l eWka dks 'kkfey djuk pkfg,] tks l {kerk dh n"V l s l okZekd i Hkkodkj h vKs fupys Lrj ij l fO; dk; Z l eW gA ; g l gh l e; gS tc mudk l g; kx u dpy i j d i kSkkgkj ?kVd dks etcw cukus dsfy, cfYd bl ckr ij fopkj djus dsfy, Hkh fy; k tk, fd vkauokMh dlnka dks l pkfy



djusdk mükjnkf; Ro mu jkT; kaeaLo&l gk; rk
I engkadsl kã k tk l drk gš tgaLo&l gk; rk
I eng vkanksyu us fo'kšk : i l s i j d i kškgkj
inku djuseal ešdr cky fodkl I øk dk; Øe
ea l dkjkrEd ; kxnku fd; k gÅ

xix½ ifj; kstuk ds dñ vfekdkfj; ka dh fj i kšZ ds
vuð kj] I kepkf; d l gHkkfxrk vks ; kxnku
dh Hkkouk dk vkauokfM+ ka ea dñ vHkko Fkka
; g ik; k x; k fd ykx I ešdr cky fodkl
I øk dk; Øe dks vius dk; Øe dh ctk;
doy l jdkjh dk; Øe eku jgs FkA osegl v
djrs gš fd l c&dñ l jdkj djš I ešdr
cky fodkl I øk dk; Øe ea ipk; rh jkt
l ÆFkkvka dks 'kkfey dj bl Hkkouk dks l ektr
fd; k tkuk pkfg, A ; g vko'; d gšfd ipk; rh
jkt l ÆFkkvka dk i wkZ mi ; kx fd; k tk, rkfd
vkauokM+ dk; Žyki kaeal l Æpr vol j pukRed
l gk; rk rFkk f[kyãka vks [ksy l kexh] est]
dñ hz inku djus rFkk f'k'kpa vks ekrvka dh
mi l Fkfr c<kus tš h vU; l gk; rk l Æpr
gks l dA

xx½ I kelftd {ks= vks I ešdr cky fodkl I øk
tš sbl dsiæku dk; Øe dsfy, foUkh; i koekku
ea of) fd, tkus vks ifj; kstuk Lrj ij bl s
l e; ij fueðr fd, tkus dh vko'; drk gš
rkfd vkauokM+ dk; Žrkvka vks l gk; dka dks
ekuns dk Hkqrku gks l ds rFkk i j d i kškgkj
dh 0; oLFkk dh tk l dA bl dsvykok] l ešdr
cky fodkl I øk dk; Øe ea tks fo'kky mš ;
j [kk x; k gš ml s nš[krs gq bl dk; Øe ea
vfekd vkã/u ij , d 0; ; ds : i ea ugha
cfYd , d fuosk ds : i ea fopkj fd; k tk
l drk gÅ

xxi½ i ; bšk.k vius ij kuš i kj Æhd rjhds l s ugh
fd; k tkuk pkfg,] tš sfd fujh{k.k ea gkrk

gš cfYd ; g mu ykška dh l gk; rk vks
ekxh'kz ds : i eagkuk pkfg, ftudk i ; bšk.k
fd; k tk jgk gÅ I ešdr cky fodkl I øk
dk; Øe eš dk; Øe&vuophy vks tu&vuophy
l nL; ka rFkk ftu ykška ds ikl viškr l e;
vks fofHku i fr" Bkuka vks l ÆFkkvka l s i ktr
dks ky gk mul sfeydj cuh Vheka ea l gHkkxh
i ; bšk.k dh 'kq vkr dh tkuh pkfg, A l ešdr
cky fodkl I øk dk; Øe ds iz kl ks vks
bl dh l eL; kvka dh ekUHVfjæ dsfy, budh
l øk, a yh tk l drh gÅ ekšmk vks Hkkoh
i hf<+ ka ds cPpka dks cgrj l øk, a inku djus
dh ckr l ešdr cky fodkl I øk dk; Øe
rš kj djuseabl i dkj dk i ; bšk.k l gk; d
gks l drk gÅ

xxii½ pñd fo'kšk : i l s ekr` nš[kHky vks cky
fodkl ds ifjiš; l s cgš {ks=h; iz kl ka dks
vkxs c<kus ds {ks= ea us/ofdk vks l puk
rFkk Kku ckã/us dk dkQh eglo gš bl fy,
ipk; rh jkt l ÆFkkvka dh l økvka dk mi ; kx
djuk] ftyk ifj"kn-vks uxjikfydkvka tš s
LFkkuh; fudk; ka l fgr ftyk vks i žkM Lrjh;
deðkfj; ka ds l kFk l koekkuhi wZ l k>nkjh
dk; e djuk l eku : i l seglo i wkZ gÅ bl
i fØ; k dks; FkFkZ : i nsus dsfy, ; g eglo i wkZ
gšfd ftyk vks i žkM Lrjh; deðkfj; ka dks
l ešdr cky fodkl dk; Øe ds ckjs ea rFkk
dk; Øe dks l Qyrki wZ dk; kZUor djus ea
mudh Hkfedk dks fin'kk inku dh tk, A bl
dk; Žl sl økvka vks dk; Øeka ds l ello; vks
vfHkl j.k dh xfr ea of) vk, xh rFkk
vfekd kfj; ka ds eè; cgrj l e> Hkh fodfl r
gkschA

xxiii½ l ešdr cky fodkl dk; Øe dks ykšfiž
cukus ds fy, fo'kšk vfHk; ku 'kq djus dh
vko'; drk gksch] tš k fd foxr ea dfri ;



I ešdr cky fodkl I ok ifj; kstukvka ea fd; k x; kA ; g dk; ZjkT;] ftyk vks iZkM Lrj ds depkfj; ka rFkk I kFk gh fuokZpr efgyk ifrfufek; ka dks 'kkfey dj fd; k tk I drk gSrkfd efgykvka vks cPpkal sl afekr eqka ij I epk; dh pruk ea of) dh tk I dA bl I sl kepkf; d ; ksnku I exz ifØ; k eavfuok; 7%efgyk eMy] Lo&l gk; rk I eW] ; Wk Dyc] ekkfeZ xq vks ukxfjd I eku I aBuka ds vU; dk; ZrkZ 'kkfey gkA bl rjg vkxuokMh dšnta dks dk; Zdyki ka ds , d ^ed; dšnt ds: i eamHkjuk gS rFkk , d , d k LFkku gksk g\$ tgka ekrk vks f'k'kq vius [kkyh I e; ea , df=r gks I d\$ vius 'kk\$ ijk dj I d\$ I tukRed ifrHkk dk fodkl dj I da vks Lo; a dks foHkUu dks kyka I s I FTtr dj I da

xxiv 1/2 mu vkxuokMh {ks=kae} tgkaf' k'kq/ka dh mi LFkfr vi\$kkdr de g\$ f'k'kq\$ vks fnok n\$ kHky dšnt LFkfr fd, tkus rFkk mlga vkxuokMh dšnta ds I kFk I Ec) fd, tkus dh vko'; drk gA bl us I Hkh f'k'kq/ka dks fodkl djus dk vfed vol j ikr gkskA fo'k\$kdj ckfydkvka dks viuh #fp ds {ks=ka ea dk; Z djus dh vuofr nh tk, xhA , d k d\$y vks rfeyukMq t\$ sjkT; ka ea fd; k x; k gA

xxv 1/2 tgka rd ijd i k\$kkkj dk I aak g\$ fofok rFkk mlur DokfyVh dk Hkstu ijd s tkus dh vko'; drk gA LFkkuh; uq [ks r\$ kj djus ea ekrk vks vkxuokMh dšnta dks dks ky I Eclkh i f'k{k.k fn, tkus dh vko'; drk gA mlgarktsi ds Hkstu ijd usdsfy, i k\$ kfr fd; k tkuk pfg, A I o-ko fn; k tkrk g\$fd de I s de nks ekrk vka dks vko'; d : i I s

ijd i k\$kkkj cukus rFkk mlga ijd us ea ckjh&ckjh I svkxuokMh dšnta rFkk I gk; dka dh I gk; rk djuh pfg, A vkxuokMh dšnta dks o\$ fDr d LokLF;] i; kbj.kh; LopNrk] vk; kMhu; Or ued ds ijh{k.k] I jf{kr i\$ ty vkfn ij mi; Or fdV I kexh inku dh tkuh pfg,] ft I dk mi; ks vkxuokMh dšnta vks vkxuokMh }kjk doj fd, x, ifjokjka ea Hkh gks I drk gA

xxvi 1/2 i n\$brhZ efgyk , oa cky fodkl foHkx] Hkjr I jdkj us dk Oh igys , d I a keku dšnt ds : i ea ^cky fodkl ifj; kstuk vfedkj dh ds dk; k\$y; * ds fodkl dk I o-ko n\$ s gq , d ifji = tkjh fd; k Fkka rFkfi] bl fn'kkfun\$ k ij jkT; I jdkjka ds ukMy foHkx] ftyk I ešdr cky fodkl I ok I syka vks cky fodkl ifj; kstuk vfedkfj; ka us m\$pr e; ku ugha fn; k g\$ vks ml ks I eFkZ inku ugha fd; k gA ; g okNuh; gksk ; fn iR; d I ešdr cky fodkl I ok ifj; kstuk I puk dk iZ kj djus ds fy, , d I a keku dšnt dk fodkl fd; k tk,] tks ekrk vka vks fd'k\$ yMfd; ka dks ijke'kZ vks I gk; rk I ok inku dj\$ vkxuokMh dšnta ea dks ky i f'k{k.k vk; k\$tr djs rFkk efgyk vka vks f'k'kq/ka I s I EcUkr foHkUu eqka ij tkx: drk i\$nk djA ; g ifj; kstuk Lrj ij vk; k\$tr vfHk; kuka@ in'kZu; ka@ esyka@ j\$y; ka ij vk\$M\$Hkh j [k I drk g\$ rFkk , d s dk; Zeka dks vk; k\$tr djus ds fy, I kefxz, ka vks I gk; d mi Ldjka dk i; k\$ r LVk\$ j [k I drk gA vU; foHkxka dh ; kstuk vka vks dk; Zeka dks Hkh vfeki ktr fd; k tk I drk g\$ vks bl I a keku dšnt ea I epk; ea bl dk iZ kj gks I drk g\$rkfd bu ; kstuk vka vks dk; Zeka I s yHk mBk; k tk



I dA Hkriedk vnk djuš ukVd] xhr] ppk&vka
vkfn ds ekē; e l s 'k&kf.kd dk; Đeka dks
r& kj djus ea v&š if'k{k.k I kexh r& kj
djus dh i fØ; k ea Hkh fd'k&š; ka dks 'k&fey
fd, tkus dh vko'; drk g&A fof'k"V fo"ka; ka
ij fd'k&š ckydkvka ds fy, ueuk if'k{k.k
ekM; ny fofHkuu if'k{k.k dk; Đe I pkfyr
djusokys ifj; kstuk v&ekdfj; ka v&š dk&eĐka
ds ijke'kz l s Hkh r& kj fd; k tk I drk g&A
if'k{k.k ekM; ny r& kj djus v&š if'k{k.k
dk; Đe I pkfyr djusea l ekt dk; ZLdny]
xg foKku dky&st] f'k{k&d if'k{k.k I LFkku]
foLrkj if'k{k.k d&nz] d f'k foKku d&nz vkfn
Hkh viuh fo'k&Krk ds I EcfĐekr {ks=ks ea
0; kol kf; d l gk; rk inku dj I drs g&A

xxvii] p&id v&auokM& d&nz I ešdr cky fodkl
I ok dk; Đe ds dk; Đyki ka ds fy, , d
i&e& k LFkku g& bl fy, bl ckr ij ge&kk
tkj fn; k x; k g& fd tgka rd I Hko g&š
v&auokM& d&nz dk fuekZk I k&pkf; d Hk&xh&kjh
l s fd; k tkuk pkfg,] ; g LFkkuh; I kexh
v&š Lon&kh fuekZk rdudka dk iz, k&x dj
de y&xr dh fMtkbu okyk g&A bl svykok]
bl dk Lokfero v&š vuj{k.k I epk; @xte
i&pk; r@'kgjh LFkkuh; fudk; ka }kjk fd; k
tkuk pkfg, A bl iz&kj ds d&nz l s ; g Hkh
vi&kk dh xbZg&fd og fofHkuu efgyk dk; Đeka
l s l &f&kr vU; dk; Đyki vk; k&tr dj&š
; okvka l s l EcfĐekr dk; Đyki ka ds fy, ep
ds : i ea dk; Z dj&š vx&kh dk; Đrk&vka ds
c&Bd LFky ds : i ea dk; Z djs rFkk ekrkv&s
v&š cPpk&ds, d= g&kus dk LFky cu&A x&eh.k
fodkl v&š i&pk; rh jkt ea=ky;] jkt; I jdkj&s
ds l g; k&x l s ; g I f&ek& inku djusea i&e& k

Hkriedk fuHkk I drs g&A x&eh.k fodkl ds {ks=
ea dk; j r l &Bu Hkh I epk; dks I &f&Br
djusea mRi j dka ds : i ea dk; Z dj I drs g&A
l ekt dk; Z 'k&š d&nz v&fryk&š; k&½ dk vu&ko
rFkk I k&Fk gh gfj; k.k ds fjokM& ftys ea
[k&M& x&e ea de y&xr ds i&pk; r ?kj dk
vu&ko i&pj : i l s l gk; d g&s l drk g&A
bl dk fuekZk i&kp eghus l s de l e; ea
LFkkuh; dkjh&x&jka }kjk v&š y&kd fuekZk fofHk&x
}kjk vu&ekfur y&xr ds, d &f&rg&bz y&xr
ij fd; k x; kA LFkkuh; I k&f&x& ka dk iz, k&x
fd; k x; k v&š x&eh.k&aus v&ka&uokM& d&nz dh
fMtkbu v&š fuekZk ea l fØ; : i l s Hk&x
fy; kA

xxviii] i&pk; rh jkt 0; oLFkk dks I &+ djus okys
I f&ekku ds 73oa l &k&ku ds rgr m&U&j&nf; Roka
v&š I &k&ku ds g&Lrk&arj .k ds y&xw g&kus ds
i'pkr I ešdr cky fodkl I ok dk; Đe ea
l okvka dk v&f&kl j .k v&š , dh&dj .k dh dk; Z&f&r
v&R; r i&Hk&od&kjh I k&f&er g&p&Z g&A bl fn'kk e&š
efgyk , oa cky fodkl ea=ky;] Hk&jr I jdkj
dks ckj&ckj u d&oy d&nz; v&š jkt; Lrjka
ij c&f&yd ftyk v&š i&Z&M& Lrjka ij Hkh l e&lo;
I f&er; ka dh c&Bd c&g&kuh pkfg, rk&fd
dk; k&lo; u&dkjh r&= I g&fØ; k i&Hk&ko ds I k&Fk
y&ks&ka ds ?kj rd fofHkuu dk; Đeka dk y&Hk
i&g&pus ea l e&f&Z g&s l d&A

xxix) I ešdr cky fodkl I ok ifj; ktuk {ks=ka ea ,
, u , e d&nzka dk I &+&dj .k x&Hk&Z&rh v&š
Lruiku djkus okyh ekrkv&ka rFkk I k&Fk gh
fd'k&š ckydkvka dks LokLF; n&š&kj&š k I ok, a
inku djus ea fu; k&st&d Hkriedk vnk djs&ka
bl iz&kj ^k'kk' if'k&f&kr t&le ifj&pj v&h&ch, ½



/kk; tš s xteh.k Lrj ds LošPNd LokLF;
dk; ɔrki/kaɗksml dh l gk; rk dsfy, mi fLFkr
jguk t: jh gā bl l s i p j ek=k ea cfu; knh
nokvki Vhdka vksj mi dj .kka dh vki firZ ea Hkh
vkl kuh gksxhA MkDVjkj , y , p oh@ ih , p
, u vksj , , u , e ds chp l Ei wkZ i fj; kst uk
{ks=ka dh ftEenkfj; kaɗk cŵ/okjk vR; r egŵoi wkZ
gšrkfd l gh ek; usea LokLF; l æakh vk/kkj Hkr
l j p uk dk l p k # dk; ɔdj.k l fuf' pr gks
l dā

xxx½ i fj; kst uk vksj ftyk Lrj ij vkjkk; dj
i kškgkj dh vki firZ ij fo'kšk è; ku nšus dh
vko' ; drk gā xM III vksj IV d j kšk.kxLr
cPpka dks fo'kšk vkgkj fn; k tkrk gš ft l s
Bvkjkk; dj i kškgkj p dgk tkrk gš; g vèk&Bkd
: i ea gkrk gš vksj cPpk bl svkl kuh l s i p k
l drk gā bu cPpka dks U; ure pkj ckj
vkgkj nšuk vko' ; d gš; g vkgkj nks ckj
vkæuokMh ea vksj nks ckj ?kj eaf[kyk; k tk
l drk gā cPps dh ekaɗks, d scPps ij fo'kšk
è; ku j [kus vksj ?kj ij mfpr vkgkj nšus ds
egŵo dks vPNh rjg l e>uk vR; r vko' ; d
gā LFkkuh; : i ea mi yCek [kk | l kexh dk
mi; ksx vkjkk; dj vkgkj ds: i ea fodfl r
djus ds fy, fd; k tk l drk gā dŵ
vkæuokMh; ka ea vkjkk; dj i kškgkj mi yCek
u gksus dh fLFkr ea vkæuokMh dk; ɔrki/ka
}kj k d j kšk.k ds f'kd kj cPpka dks vuqj d
vkgkj dh nqæqh ek=k nšsgq i k; k x; kA bl
i fØ; k dksan fd, tkus dh t: jr gš D; kšd
; g u rks cPps dks vko' ; d vkgkj dh ek=k
gš vksj egŵoi wkZ u gh d j kšk.kxLr ; ɔd ds
fy, bl dh dkbZ mi ; ɔrrk gā bl ds vykokj
^tkš [ke ea i Mš l Hkh cPpka dks i kškgkj xg.k
djus ds l æak ea fpfdRI k l j {kk inku djus
ij fo'kšk è; ku nšus dh vko' ; drk gā

xxx½ Hkkj rh; fodykærk 0; fDr vfeŵu; e ¼ hMcy; Mh½
cpi u dh fodykærkvka dk 'kh?kz i rk yxkus
vksj 'kh?kz jksdFkke l ɔkvka dh vfu; ok; Z0; oLFkk
inku djrk gā l ešdr cky fodkl l ɔk
i fj; kst ukvka ea fd, x, dfri; vè; ; uka ea
cPpka ds fodkl kRed foyEc dk i fri knu fd; k
x; k gā bl h rF; dks djy ea fo'o cŵ
l gk; rk&i nŵk ubZ l ešdr cky fodkl l ɔk&III
i fj; kst ukka ea nks o"lZ dh mezokys cPpks ds fy,
vkæuokMh&vkekkfjr fodkl kRed i j h {k.k vksj
'kh?kz jksksi pkj dk; ɔDe ka ea 'kkfey fd; k x; k
gā ; g l ɔko fn; k x; k gš fd ftu {ks=ka ea
fodfr nj 5 l suhps?kVdj Lohdk; Zl rj rd
vk tk, rks muea fodykærk 0; fDr vfeŵu; e
ea; Fki fjdfYir v'kDrrkvka dh 'kh?kz [kšt
vksj ml dh 'kh?kz jksdFkke l fgr fodfr nj
i æaku uhfr; ka dks ykxw djus dks rRdky
i kFkfedrk nh tk, A

xxxii½ ekštnk vè; ; u l s; g rF; l keus vk; k gšfd
3 l s6 o"lZ dh vk; qdscPpka dh nš kHky vksj
'kh?kz cky i kŵl kgu ds fy, l ešdr cky
fodkl l ɔk dk; ɔDe dsfy, bl eŵ; kaɗu ea
ih , l bZ dk; ɔdyki ka ds i Hkkoh l æBu ea
detkj {ks=ka ds: i ea vHkKkr dfri; {ks=ka
ea vkæuokMh dk; ɔrki/ka ds n {krk fodkl
i f'k {k.k dh vko' ; drk gā bu {ks=ka ea
n {krk&vkekkfjr vko' ; drk, l gk; rkvka dk
i fj j {k.k} l gk; rkvka dk mi ; ksx fo"lZ; &oLr&
vkekkfjr dk; ɔDe ; kst uk 'kkfey gā l ešdr
cky fodkl l ɔk dk; ɔrki vkæuokMh dŵnka
ea vko' ; d ØhMh mi dj.k inku djus ds
fy, i pk; rka l s l Ei dZ dj l drsgā ekštnk
vè; ; u l s i rk pyk gš fd cPpka dks Ldny
tkus ds fy, i wkZr\$ kj fd, tkusokysi ; kbj.k
dks i kŵl kfgr djus gŵvud vko' ; d enks
dh deh gš tks vkæuokMh dŵnz es vko' ; d
gkrh gā bu enks ea os f[kykšus tks jæ



vkdkj] : i bR; kfn dk çkæk djK, þ I 'tukRed
fodkl dsfy, igfy; kþ ifj"dr xfr; ka okys
f[kyk&us vFkok xø] okLrfod vFkok I æhr
ctkus okys f[kyk&us os f[kyk&us tks i'kq/kþ
if{k; ka bR; kfn ds uke crk, þ 'kkfey g&A
ih-, I -bZ fØ; kdyki dks i HkkodkjH ?kVu cucus
dks/; ku eaj [krsgq] ; g vko' ; d gSfd I Hkh
vk&uokMh d&bnka ea mi ; Þr mfYyf[kr enka
dh ekSt&nxh vfuok; Zdj nh tk, A

xxxiii½xHkZrh efgyk, a vkcknh dh yxHkx 3 ifr'kr
gksh g&A bl i&Zkj ; fn fdl h xk& dh vkcknh
1000 dh g& rks ml ea yxHkx 30 xHkZrh
efgyk, a gl&ch ftlga i k&kgkj LokLF; f'k{k&]
ijke'kZ v&g v&uq&id v&gkj t&S h l ok, inku
djusds l æ&k ea i k&Ffedrk n&usdh vko' ; drk
gksh g&A ; g l e>k tkrk gSfd xHkZrh efgyk, a
xHkZbLFkk] f'k'k& tle] uotkr eR; qds t&f[k&ka
l svoxr gksh g& v&g Hk; Hkhr gksh g& bl fy,
os l g&f[kr il o] uotkr l g&f{k& v&g ifjokj
v&rkjy dsfodYi ka dks x&g.k djrh g&A xHkZrh
efgyk, a 'kkjhfd ifjorZ&kþ l s fpflgr dh
tkrh g& tks muds i k&kgkj LokLF; f'k{k& v&g
v&u; I ðkvka dsfy, mudh igpku ea l gk; rk
inku djrk g&A bl rF; dks udkjk ugha tk
jgk gSfd xHkZbLFkk ds n&g ku ekrRo LokLF;]
tle ds l e; Hk&j] tle&fu"d"l& v&g uotkr
LokLF; ea l æ&kj ykus ds fy, efgykva rd
igp&kus dk eg&lo Ø&kr&d : i l s c<f&k g&v&k
v&f&Kkr fd; k x; k g&sv&g bl l sn&f[k&ky djus
ds rjhdk& ftlga efgyk, a vius thou ds i F&e
o"l& ea f'k'kq/ka dh n&f[k&ky ea viuk jgh g& es
l æ&kj dh dkj&jrk Hkh i Hkkfor g&Z g&A vr%
I eðdr cky fodkl I ðk d&bnz l Hkh xHkZrh
efgykva ds ijd v&gkj y&us ds fy, ifj&r
djus ds l k&F gh l k&F LokLF; I æ&kh e&f&ka ij
tkudkjH v&g i&ke'kZ inku djus ds fy,

mul s l Ei dZ cuk, a ft l l s d&g k&sk.k v&g eR; q
nj dks j&ck tk l d&A l Hkh xHkZrh efgykva
dh igpku djus v&g mul s l Ei d&rk l s u
d&oy efgykva ds LokLF; ea l æ&kj g&æ&k cfYd
bl dk i Hkko f'k'kq v&g LokLF; I g&f{k& ij Hkh
i M&æ&A

xxxiv½yxHkx 1000 dh vkcknh okys fdl h xk& ea
yxHkx 60 ekrk, ajgrh g& ftuds i kl yxHkx
2 o"l& rd ds cPps g&rs g&A bl l s ; g l &dr
feyrk g&S fd i R; d xk& ea f&gh{k.k dh
dkj&kbZ djus ds fy, yxHkx 60 i k&Ffedrk
okys ?kj g&A efgykva dks u d&oy cP&ka dks
v&gkj n&us ds eg&lo ds ç&js ea f'k&f[kr djus
dh t: jr g&SfYd mlga cP&ka dks d&S sv&gkj
fn; k tk, v&g mudh d&S sn&f[k&ky dh tk,]
bl ç&js ea Hkh f'k&f[kr djus dh vko' ; drk
g&A cPps ds LokLF; v&g ml dh i k&S"Vd fl&F&fr
ij bl dk Hk&jh i Hkko i M&æ&A n&S o"l& rd ds
cP&ka ds v&PNs LokLF; v&g i k&kgkj dks
l f&uf'pr djus ds l k&ku ds : i ea cP&ka dh
ekrkv&S rd l Ei d&rk v&g mud&S i&ke'kZ n&us
ea v&R; r i k&Ffedrk nh tk, A bl ds v&rf&jDr
6 ekg dh mez l s v&fed ds f'k'kq/ka ds fy,
Lru&n&æ&k dk ijd v&gkj r&S kj djus ds
l æ&k ea Lru i ku dj&kus okyh ekr&v&ka dks x&g
j&k'ku v&g ek&x&un&g ku , d v&PNk mik; g&S
ft l s l eðdr cky fodkl I ðk ea 'kkfey
fd, tkus dh vko' ; drk g&A bl l f&o&ek dk
mi ; Þr mi ; k&x l f&uf'pr djus ds fy, bl dk
dM&æ&bZ l s v&uq&kyu fd; k tk, A

xxxv½; | fi i fj; k&st uk v&fed&f&j; ka dh fo'k&y c&g&yrk
&]kj&k LokLF; i k&fed&f&j; ka ds l k&F l ello;
l &rk&sk&tud crk; k x; k F&k] t&f&d j&Qjy
l ðkv&kþ LokLF; t&kp] g&æ& f&oftV v&g i k&kgkj
LokLF; f'k{k& ea , , u , e@ih , p , u dh



I gHkfxrk U; ure i kbZxbZ FkA I efd r cky
 fodkl I ok vks LokLF; deþkfj; ka ds chip
 rkyesy ea vks I okkj ykus dh t: jr gA
 LokLF; deþkj h ; g egl W dja fd ; fn
 vka uokMh d bntk ds dk; ðyki ka dks mfor
 <æ I s dk; kZUor fd; k x; k rks var eamudh
 Hkfredk vkl ku gks tk, xhA cky fodkl
 i fj; kstuk vfe d kj h vks I kozt fud LokLF;
 d bntz ds fpdfRI k vfe d kj f; ka dks dk; ðe
 dk; ðj .k dks c<kus ds fy, vka uokMh {ks=ka
 dk I a þr : i I s nkj k djuk pkfg, A
 vka uokMh dk; ð r kZ vks , , u , e ds chip
 dke djusea fudVre I g; kx gkuk pkfg, A
 ftEenkfj; ka ea vks I okkj ykus ds I æk ea
 I efd r cky fodkl I ok {ks=ka ea dk; jr ,
 , u , e@ ih , p , u dh dk; &eW; ka du
 fj i kZ I ea cky fodkl i fj; kstuk vfe d kj h ds
 i fj; kstuk i Hk kj h dk eW; ka du@fVl i f .k; ka
 'kkfey dh tk I drh gA

xxxvii/2; g i k; k x; k Fkk fd , u , p bZ Mh I okvka dk
 I forj .k vkh"V Lrj I s dk Qh de Fkka bl
 I æk ea ; g vuqka k dh tkrh gsf d i ; ðsk dka
 dks viusi ; ðsk . kkekhu vka uokMh d bntk seafu; fer
 varjky ij vks pkfjd , u , p bZ Mh I = dk
 vk; kstu djus dh ftEenkj h nh tk, A bl
 ?kVd ds i Hk koh dk; kZUo; u ea cky fodkl
 i fj; kstuk vfe d kj h vks ftyk Lrj ds
 vfe d kj f; ka rFkk LokLF; i kfe d kj f; ka ds I fØ;
 I g; kx }kj k I rr vks i Hk koh fuxj kuh nh?kZ dky
 rd dh tk, A I eng cukus rFkk efgyk vka dks
 , u , p bZ Mh I = ds vk; kstu ds fy, , d
 LFkku ij bdæk djus ds fy, LFkkuh; : i I s
 yk d fi z I kelftd vFkok eukj at d ?kVuk vFkok
 dk; ðyki dk vk; kstu fd; k tkuk pkfg, A
 ukSadhj dBi rpyh bR; kfn tS sykd ekè; eka ds
 , u , p bZ Mh ds i Hk koh i f'k{k.k ea mudh

n{krk I 'kDr djus ds fy, vka uokMh dk; ð r kZ/ka
 dks i f'k{k.k dh fo"k; &OLrq ea I fefyr fd,
 tkus dh t: jr gA

xxxviii/2 fu% ng vc rd I efd r cky fodkl I ok
 dk; ðe us tks Hk I Qyrk gkl y dh gS og
 I ekt ds ykka ds I 'kDr I eFkZ vks I g; kx
 ds dkj .k gkl y gþZ gA rFkfi I efd r cky
 fodkl I ok dk; ðe ea I enk; dh I gHkfxrk
 I fuf'pr djus ds fy, i R; kf'kr Lrj rd
 I Qyrk gkl y djus ds fy, bl fn'kk ea
 vHk cgr dñ djuk gA bl I æk ea dE; fuVh
 ekfcyk bftx ny cukus ds , d , d sfopkj dk
 iz kx djus dk I þko fn; k tkrk gsf tI ea
 i Hk koh <æ I s ckrphr djus dh n{krk j [kus
 okys i kfe d kj h] vè; ki d vks LFkkuh; LoPNd
 I æBuk; þk Dyck I enk; fuekz k dks I 'kDr
 cukus ea n{krk j [kus okya I fgr LokLF;]
 f'k{k is ty vks LoPNrk I s I æk j [kus
 okyh I æfkr xbeh.k I fefr; ka ds i frufek
 'kkfey gkæsf tI I sl efd r cky fodkl dk; ðe
 dks I Hk iz d kj dk I eFkZ fey I dA dE; fuVh
 ekfcyk bft ku ny ds vU; dk; ka ea LFkkuh;
 I kelftd fodkl kRed eqka dh i j oh] eq; eqka
 dk I a kstu rFkk mu ij I gefr] i kFkfedrk
 okys eqka ij ykka dks tkx: d cukuk] xkæ ds
 vlrj&I kenkf; d ny ds I kFk I Ei dZ cukuk
 vks fFkqV , .M ØSMV i fØ; k 'kq djuk
 'kkfey gA

xxxviii/2 I enk; fuxj kuh dh voekkj .kk dk iz kx
 I efd r cky fodkl I ok dk; ðe ds
 fodkl kRed y{; ka dks rduhdh : i I s
 I fuf'pr djus ds fofHkUu i fj i z; ea fd; k
 tk, xhA I enk; Lrj dk fuxj kuh ny I ekt
 ds I Hk oxka ds LFkkuh; ykka dks feyk dj
 fodkl r fd; k tk, xhA ny ds I nL; ka dks



I eðdr cky fodkl I ðkvka ds rhu n'kd&, d eW; kaðu

fj i k&Zl kj

dfri; i fØ; k I aðrdka vks fu"d"kl I aðrdka
ij vkekkfjr I eðdr cky fodkl I ðk dk; Øe
dh fuxjkuh djus ds fy, I ðk i kfekd kfj; ka
vks 0; kol kf; d fo' kskKka }kjk i f'kf{kr fd; k
tk, A ; g I epk; dh efgykvkj uo; pfr; ka
vks cPpkadsfy, fuëkkfjr fodkl kRed y{k. kka
ds I kFk&I kFk LFkkuh; : i I sl ær I aðrdka
dk ekxZl I quf'pr djskA

xxxix½l eðdr cky fodkl I ðk dk; Øe eackfydkvka
ds i fr HknHkko dsfo' ksk efs ij ykxka dh I kp

ea ifjorðu ykuk eð; pukksh gð eknk f'k'kq
dh gR; k djuk nh?kdky dh I eL; k cuh gðZ
gð yMelk&yMelh dh I æ; k ds vuq kr rFkk
nšk ds Hkfo"; ij bl ds I Hkkfor i Hkko dsckjs
ea xkookfl ; ka ea tkx: drk I ftr djus ds
fy, vkaxuokMh I æFku viuh egðoi wkZ Hkfedk
vnk dj I drk gð vr% ; g vR; r vko'; d
gS fd vkaxuokMh dk; Þrk&vka vks ennxkja
I fgr ij; kstuk i kfekd kjh i pkj vfhk; ku rFkk
vli; ekè; ekaðstfj, , d h tkx: drk ds l tu
ea 'kkfey gks tk, A





v/; k; 1
ifjp;

- f'k'kq nq'kklky | o'vka dk fodkl
- Ldhe
- n'ku v'k' nq'vdkk
- e'v; kdu dk v'k'p'r;

1-1 f'k'kqns[kHkky I økvka dk fodkl

nš k ds vR; r eW; oku ifjl Ei fÜk ml dk ekuo I á kaku gkrk gA fodfl r nš k vi us vR; fekd Åp&Åps Hkouka vksj v|ru ewHkur I jipuk ds dkj.k mlur ughagšcfYd muds ikl tks ekuo I á kaku gš ml dh xqkoÜkk ds dkj.k mlur gA tks nš k vi us ekuo I á kaku dk vkt fuosk dj jgs gš os gh vR; fekd fodkl 'khy vksj fodfl r nš k gA Hkkjr us Hkh bl s igpku fy; k gš vksj bl us vi us ekuo I á kaku dh xqkoÜkk ea I økkj ykus ds vud iz kl fd, gA

Hkkjr dk I foekku efgykvka vksj cPpka dh ns[kHkky vksj I j{k.k inku djus ds fy, Lo; agh , d 0; oLFkk inku djrk gA jk"Vª ufr ds funš kd rÜoka ds vuPNn 47 ea mYyšk fd; k x; k gšfd Btks jk"Vª i kškkkj ds Lrj vksj vi us ukxfjdka ds thou ekudka dks Åpk mBkuš vksj ykd LokLF; dks vi us i kFkfed dÜk; ka ea 'kkfey dšckj vksj jk"Vª fo'kšk : i I s u'khy is inkFkkš vksj nokvka I æakh iz kstuka dks Nk&elj tks LokLF; ds fy, gkfudkj d gš ds I ou ij ifrcak yxk, xkAP bl ds vfrfjDr vuPNn 39 ea vl; ckrkads I kFk&I kFk ; g mYyšk gšfd jk"Vª fo'kšk : i I s I j{k ds ifr vi uh ufr ea fuEufyf[kr funš k nsck%

1/2 ; g fd i#k vksj efgyk dk exkj k I økj volFkk ds cPpka ds LokLF; vksj 'kFDr dk n#i; kx u gk vksj vkfFkd t: jrka dh otg I s ukxfjdka dks mudh vk; q vFkok 'kFDr ds vuq i vuqpr 0; ol k; ka ea j[kdj muds I kFk cy iz kx u gkA

1/4 [k/2 ; g fd cky; oLFkk vksj ; økoLFkk ds 'kkšk.k vksj usrd] Hkšrd , dkdhi u I s I j{k inku dh tk, A

pfid Hkkjr us 1947 ea Lorærk iklr dj yhl bl fy, Hkkjr Ijdkj }kjk jk"Vh; ekuo I á kaku fodkl ds ifr foHkuu igya 'k# dh xbz gA Hkkjr dk cky dY; k.k bfrgkl 1920 I s 'kq gkrk gš tc cPpka dk iFke I æBu ckyduth ckMh ds uke I s cuka bl dk e[; ky; e[cbz ea Fkka 1924 ea pšubz ea fxYM vkQ I foI us mRd"V f'k'kq dY; k.k I øk, a 'kq dh vksj bl dh I øk, a vfedkák nf{k.k Hkkjr ea Qsy xbA 1927 ea fpYMBI , M I kd k; Vh) e[cbz us vkokjk cPpka dks vi uh vkokl h I j{k ea ys fy; kA 1958 ea bM; u dkmál y QkY pkbYM osyQs j uked xš&Ijdkh I æBu us fo'kšk cky dY; k.k ; kstuk ds fy, Ijdkj dks vH; kosu iLrø fd; kA n ; w , u duodku vkW n jkbV4 vkQ n pkbYM us cky I j{k vksj cky vfedkák ds ifr utfj; k cny fn; kA Hkkjr Ijdkj us 1974 ea jk"Vh; ; kstuk ds iæ[k Hkx ds : i ea ckydka ds fy, dk; Øe cukus ds fl ok; jk"Vh; cky ufr rš kj dh vksj ml s ykxw fd; kA efgyk vksj cky fodkl foHkx us 1972 ea uskuy lyku vkW , D'ku QkY fpYMBu rš kj fd; k vksj 2003 ea uskuy pKVj QkY fpYMBu Lohdkj fd; k x; k vksj ml s cPpka ds ifr Hkkjr dh opuc)rk ufr ds : i ea i q% fjHkkf"kr fd; k x; kA 2005 ea Hkkjr ds cPpka dh n'kk ea I økkj ykus rFkk ckekkvka dks njj djus ds fy, I á kškr uskuy lyku vkW , D'ku QkY fpYMBu dks Lohdkj fd; k x; kA

; øk cPps ds ml dh vfedre I Hkko; Lrj rd 'kkjhfd] ekuf d vksj cks) d fodkl I fuf'pr djus gš 'k?kz mi pkj kRed mi k; dh vko'; drk dh igpku djrs gq Hkkjr Ijdkj us dšnh; : i I s



I efdR cky fodkl I okvka ds rhu n'kd&, d eW; kaDu

v/; k; 1

ik; kstr Ldhe I efdR cky fodkl I ok, a 1/2 vkbZ I h Mh , I 1/2 'kq dh gS tksO; ki d vks I Ei wkZ ifji f; ; ea cPpka dh vko'; drkvka ds ifr , d dne ds : i ea gA

1-2 Ldhe

I efdR cky fodkl I ok 33 ifj; kstuvka ds I kFk 11975 ea 'kq dh xBA vc ; g fo'o ds I cl s cMs- dk; De okyh Ldhe gS ftI ds ikl xteh.k {ks=ka ea4533 ifj; kstuk, j tutkrh; {ks=ka ea759 ifj; kstuk, a vks 'kgjh {ks=ka ea360 ifj; kstuvka ds I kFk I Ei wkZ Hkkjr ea5652 ifj; kstuk, ai pkyujr gA ; g dk; De] fo'kSk : i I sxjhc vks oipr dks y{; djdsf'k'kq/kq ; pk kydkarFkk mudh ekrkvka ds LokLF;] i kSkkgkj vks f'k{k vol jka dks c<kus ds fy, rS kj fd; k tkrk gA

rhl o'kkal siktr vutkoka ds ifji f; ; eanl oha ; kstuk ea I efdR cky fodkl I ok dk dk; Z ; pk cPpka dks i<kus vks f[ky kus rd gh I hfer ugha gA ; g I j {kk inkrkvka dh {kerk c<kus rFkk ifjokj@I epk; vks vka uokMh dlnka ea ; pk cPps ds fy, I pkyukRed 'kkjhfd vks I kekftd ifjoSk inku djus okys I epk; dks I 'kDr cukus gsrq I g; kxh ifO; k Hkh viuk jgk gA I efdR cky fodkl I ok vc ml epke ij gS tksu dpy bl ds foLrkj dks of'od : i nus ds fy, vko'; d gS cYd bl dh fo'k; & oLrq dks I n+> djus ds fy, vko'; d gA I efdR cky fodkl I ok dk ; g mHkjr k gpk ifjn'; nl oha ; kstuk ds nks ku cky I j {kk dks c<kok nus ds fy, i u#) kj] I j {k.k vks fodkl dk; Z ea Lo; a dks i u% I efi r djrk gA LokLF; , oa ifjokj dY; k.k ea=ky; 2000 }kj k jk"Vh; tul f; k ufr 1/4 u ih 1/2 ea mPp f'k'kq rFkk cky eR; qnj dks de djus rFkk i wkZ ifr j {k.k y{; gkfl y djus tS sfof'k"V y{; fuekkZjr fd, x, FkA I efdR cky fodkl I ok bu y{; ka dks

gkfl y djus ds fy, LokLF; fl LVe ds fudV I g; kx I s dke djrh gA

I efdR cky fodkl I ok dk; De ds y{; & f'k'kqER; qnj 1/2 vkbZ , e vj 1/2 60 ifr gtkj I s de djuk] cky eR; qnj 1/4 e , e vj 1/2 dks 10 ifr gtkj I s de djuk] ekr' eR; qnj dks 50 ifr'kr rd de djukA bl ds vykok] U; u tUe Hkkj dh ?kVukvka dks de djuk] 5 o"KZ I s de vk; q ds cPpka ea xEHkj vks I kekj .k d q kSk .k dks ?kVkdj U; u re 50 ifr'kr djuk] 'kh?kz'kSk I j {kk fodkl b'jjoaku dk foLrkj djuk] of'od ifjoSk vks i kFkfed fo | ky; ka ea cPpka dks jkd dj f'k{k inku djuk I efdR cky fodkl I ok dk; De ds i kFkfed y{; gA

1-2-1 I efdR cky fodkl I ok ds eF; mis;

1/2 0 I s 6 o"KZ dh vk; q ds cPpka ds i kSk.k rFkk LokLF; I akh fLFkr dks I qkkjuk

1/2 cPpka ds mfpr eukSk kfud] 'kkjhfd rFkk I kekftd fodkl ds fy, uha Mkyuk

1/2 eR; qnj] fodykark nj] d q kSk.k rFkk Lohy u tkus dh ?kVuk dks de djuk

1/2 ufr ea i Hkkoh I ello; u gkfl y djuk rFkk cky fodkl dks c<kok nus ds fy, foHkku foHkxka ds chp dk; kO; u Lrjka dks i kr djuk

1/2 mi; pr i kSkkgkj rFkk LokLF; f'k{k ds tfj, cPpka ds I keku; LokLF; vks i kSk.k I akh vko'; drkvka dh nS kj f; k ds I akh ea ekrkvka dh {kerk dks c<kus

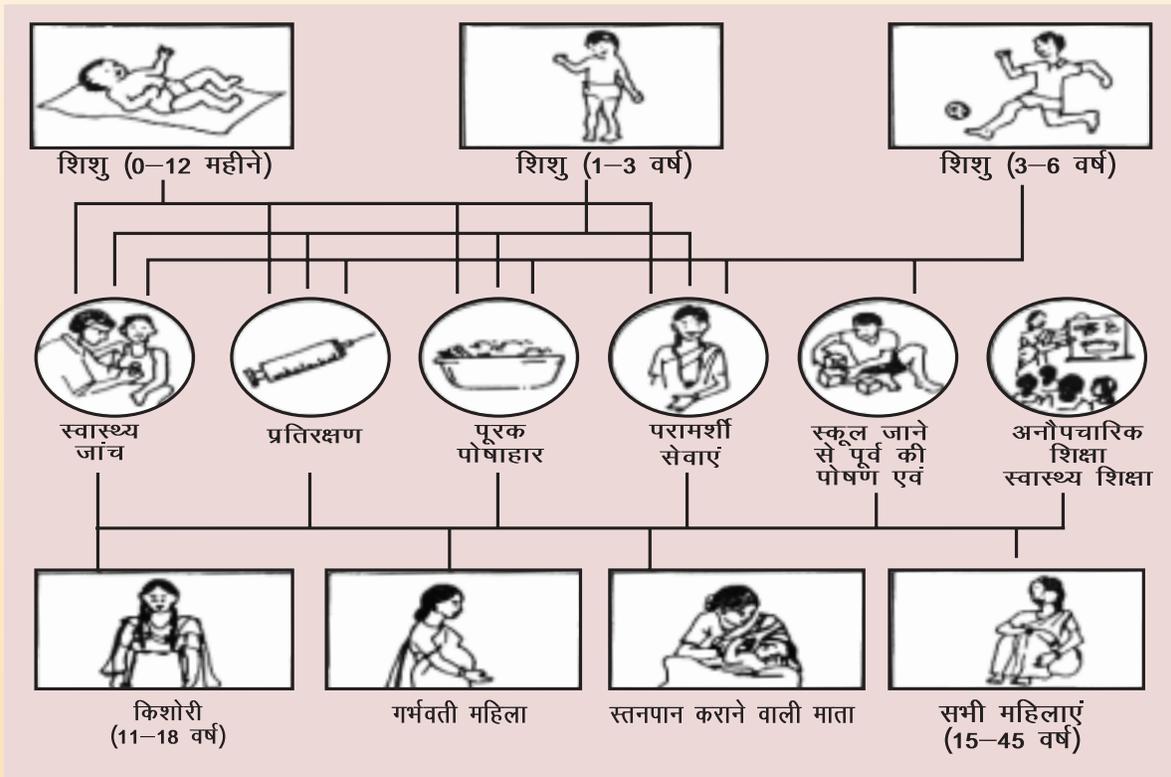


1-2-2 I dK, a

I efdR cky fodkl I dK xHKLFk f'k'kq/kk 0&6 o"kZ dh vk; qdscPpkk xHKbrh efgykvarFkk Lrui ku djkus okyh ekrvka ds I exz fodkl dks I fuf'pr djus ds fy, I dKvka dk i fSt mi yCek djkrk gA bl ds varxZr fd'kksj; ka dks I dK, a mi yCek djkus dh ; kst uk gky gh ea vkjkk dh xbZ gA mi yCek djkbZ tkus okyh I dKvka dk i fSt 1/4p= 1-1½ g%

I foekk, a inku dh tkrh gA vkj 3&6 o"kZ dh vk; q ds cPpk ds fy, i kjaHkd #fpdj f'k'kk I cèkh voljks dks inku fd;k tkrk gA bl ds varxZr 'kq) i s ty] i ; kbj.k LoPNrk] efgyk I 'kfdRdj.k dk; Øe] vukS pkfjd f'k'kk , oa o; Ld f'k'kk tS h vU; I gk; d I dKvka dks 'krfey djus dh ; kst uk cukbZ tkrh gA

fp= 1-1 % I efdR cky fodkl I dK }kj inku dh tkus okyh I dKvka dk i fSt



- 1- ijd , oa vkjkk; dj i kSkkgkj
- 2- Ldny tkus I s i dZ dh vukS pkfjd f'k'kk
- 3- i frj{k.k
- 4- ijke'khZ I dK, a
- 5- i kSk.k , oa LokLF; f'k'kk

I kekU; r% fdl h vkauokMh dbrz ds varxZr xteh.k , oa 'kgjh {ks=ka dh 1000 vkcknh rFkk tutkfr&{ks=ka dh 700 vkcknh doj gks tkrh gA yfdu] i gkMh ; k e#LFkyh; {ks=k) tS snsk dsfojy vkcknh okys {ks=ka eafdl h vkauokMh dbrz ds varxZr 300 I s dN T; knk vkcknh gh doj gks I drh gA nij&njkt ds {ks=ka ds tutkrh; bykds ; k NkS/h cflr; ka dks doj djus ds fy,] bu ekudka ea vkj vfed <hy nh xbZ gA NkS/ vkauokMh dbrz ds varxZr 150&300 vkcknh doj gks I drh gA

bl ds vfrfjDr] rhu o"kZ I s de vk; q ds f'k'kq/ka dh i kjaHkd nS kHky , oa mih u I cèkh



1-2-3 n'ku vkj nf"Vdks k

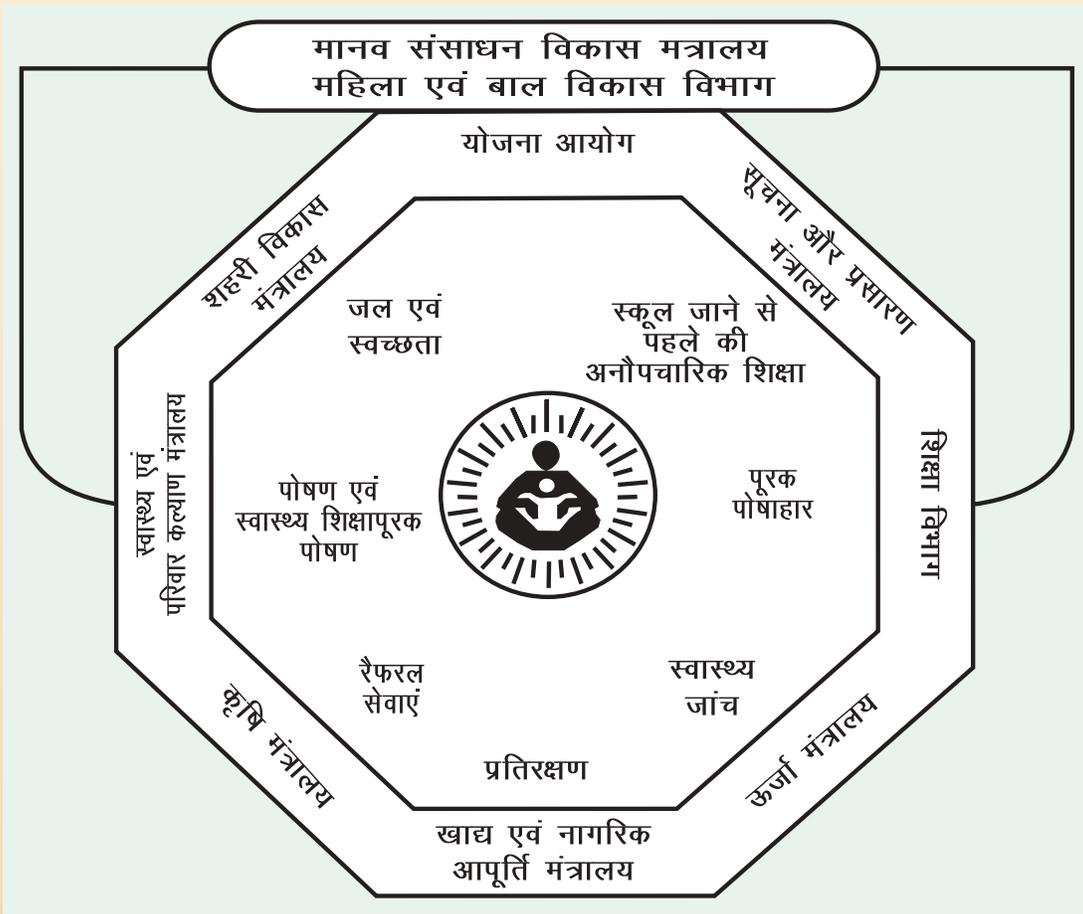
; fn foHkku I okvka dks I efd r : i I s inku fd; k rks tk, I okvka dk i d st inku djus dh voekkj .kk eq; ; r% bl ckr ij vkekkfjr gkrh gS fd budk I exz i Hkko dk Qh 0; ki d gksxA D; kAd fdI h I ok fo'kSk dh i Hkkodkfjrk ml I s I Ec) I okvka I s ml s i kr gksu okyh I gk; rk ij fuHkj djrh gA bl dk; De dh vU; foy{k.k fo'k"Vrk ; g gS fd bl ea ifj; kstuk ds Lrj ij I Hkh mi yCek I jdkjh I okvka dksdk; kUor , oal pkyr fd; k tkrk gA ; g cg&{ks=h; i dfr dk gkrk gS rFkk bl ds dk; kUo; u dh I Qyrk varj{ks=h; i dk; kRed I Ei dka ij fuHkj djrh gS fp= 1-2/A bl ds fy, I cfer foHkxkadschp rkyesy gksuk

vi f{kr gkrk gS rFkk ; g ifj; kstuk ds Lrj ij ekStmk I jdkjh vk/kkj Hkr I jpkuk ds b"Vre mi; kx dks I fuf'pr djrk gA

bl dk; De ds varxh efgykva, oackfydkva ds fgr dk Hkh fo'kSk e; ku fn; k tkrk gA vi; kZr i kSk.k I cekh vl foek ds varj&ih<kr pØ dks I ekr djus ds mi s ; kFkZfd'kksj; kadsfgr eagLr{ki xr dkj bkb; ka dks Hkh i dZ ea mfYyf[kr ykHkdjh dojst ds vfrfjDr I efd r cky fodkl I ok I cekh I okvka ds varxh 'kkfey dj fy; k x; k gA

I efd r cky fodkl I ok vkuokMh dk; De ds us/odZ ds ek; e I s y{; I eg dks ijk djrk gA vkuokMh 1/4 t I dk 'kkfnd vFkz vkuo ds Hkrj ØhMh

fp= 1-2 % I efd r cky fodkl I ok dk varj{ks=h; I Ei dZ



LFky* gš l kemkf; d Lrj ij l ɔkvkadsforj .k dk iæf[k dɔbnz gš ifj; kstuk Lrj ij dk; ʒrɔk/ka dh , d Vhe gksh gš tks vɔkvuokMh dɔbnz ds dk; ʒyki ka dk l ello; djrh gš vɔkvuokMh ftl dk 'kkfnd vFkz ^vɔkvu , oa 0hMh LFky* gš l ɔkvkadsforj .k dk iæf[k dɔbnz gš ; g f'k'kqnr[kHky dɔbnz gksh gš; g dɔbnz LFkkuh; l emk; ka dh efgykvka }kjk l pkyr fd; k tkrk gš ftlga ^vɔkvuokMh dk; ʒrɔk dgk tkrk gš bu dk; ʒrɔk/ka dh l ɔkvka ds forj.k ds dk; ʒea l gk; rk nlrjh LFkkuh; efgyk ftl s ^vɔkvuokMh l fodk* dgk tkrk gš djrh gš

dojst

l R; d ifj; kstuk ds varxɔr xkeh.k , oa 'kgjh& nksuka {ks=ka dh yxHkx , d&, d yk[k vkcknh rFkk tutkrh; {ks=ks dh yxHkx iʃhl gtkj dh vkcknh ds iwɔz dojst dk yf; gksh gš vɔkvuokMh dɔbnz ds ekè; e l s xkeh.k , o 'kgjh {ks=ka ea yxHkx 1000 vkcknh rFkk tutkrh; {ks=ka ea 700 vkcknh doj gks tkrh gš tcfid igkMh ; k e: Fkyh; {ks=kj tš sn'sk ds fojy vkcknh okys {ks=ka ea , d vɔkvuokMh dɔbnz ds varxɔr 300 l sdN T; knk vkcknh doj gks l drh gš nj&njkt ds {ks=ka ea tutkrh; bykda ; k Nks/h cflr; ka dks doj djus ds fy, ekudka ea vksj <hy nh xbz gš fdl h Nks/vɔkvuokMh dɔbnz ds varxɔr 150&300 vkcknh doj gks l drh gš bl Vhe ea vU; vfekdkfj; ka ds vfrfjDr i; ʒ{kd l gk; d cky fodkl ifj; kstuk vfekdkjh rFkk cky fodkl ifj; kstuk vfekdkjh Hkh 'kkfey gksrs gš

ifj; kstuk dk; ʒrɔk/ka dk if'k{k.k.% l ešdr cky fodkl l ɔk dk l okfekd egloiwkz ?kvd gš fdl h dk; ʒe dh l Qyrk mlur f'k'kq nr[kHky i) fr; ka , oa iHkkoh varj&{ks=h; l ɔk ink; xh gsrq l emk; ka dks l 'kDr cukus ea vxz.kh dk; ʒrɔk/ka dh iHkkodkfjrk ij fuHkš djrh gš l Hkh Lrjka ij dk; ʒrɔk/ka dks if'k{k.k nɔs dh dkj ʒkbz dks dk; ʒe ea 'kkfey fd; k x; k gš jk"Vh; Lrj ij jk"Vh; tu l g; ks , oa cky fodkl l ɔkku dks l okp if'k{k.k

l ɔkku ds : i ea ukekšr"V fd; k x; k gš jkT; Lrj ij] eè; Lrjh; if'k{k.k dɔbn rFkk vɔkvuokMh if'k{k.k dɔbnz ds uke l si; ʒ{kd if'k{k.k l ɔkku tš h vU; vk/kkjHkr l j puk, a gš

1-2-4 varjKzVh; l ɔBuka dh Hkfedk

I ešdr cky fodkl l ɔk fo'o dk l cl scMh fodkl dk; ʒe gš bl h otg l s dɔz varjKzVh; l ɔBuka us Hkxhnhkj h l ɔk h foHkku dkj ʒkb; ka ds ekè; e l s bu l ɔkvka dks viškdɔr vfekd iHkkoh cukus ea l g; ks djus ea #fp fn[kkbz gš

½ ; ful ɔ dh Hkfedk% ; ful ɔ us l ešdr cky fodkl l ɔk ds dk; ʒekadks l 'kDr cukus gsrq foHkku i gya dh gš bl us cPpka ea dš ksk.k dks jkɔl us ds fy, muds fodkl l ɔk h fuxjkuh dks c<kok fn; k] cPpka ds fodkl dh fuxjkuh djus gsrq eki d i ɔkus mi yček dj,] Vhdka l s fujkè; chekfj; ka dks jkɔl us ds fy, ifrj{k.k l ɔk h vka dks c<kok fn; k] l pjk l kefxz ka dks fufèr , oa forfjr fd; k rFkk vU; i gya Hkh dhA

¼ k½ fo'o cɔl dh Hkfedk% fo'o cɔl us i k j Hkr-% i kp jkT; kš uker% d j y] egkj k"V] jkt LFkku] rfeyukMq vksj mlk j insk ea l ešdr cky fodkl l ɔk III ifj; kstukvka ea enn dhA bl ds varxɔr] 1003 i ɔkM doj gks x, A bu i ɔkM/ka ea , d s 318 u, i ɔkM Fkš tgka l ešdr cky fodkl l ɔk ifj; kstuk vkj ɔk dh xbz Fkh rFkk , d s 685 i gkus i ɔkM 'kkfey Fkš tgka l ɔkvka dks vfekd iHkkoh cuk; k x; ka fo'o cɔl l si klr l gk; rk l s l ɔkvka dh xqkoUkk ea l ɔk j gqk rFkk vol j puk dk fodkl gq/ka ckn eš ifj; kstuk dh 30-9-2004 rd dh 'ksk vofek ds fy, eè; insk j NUKh x<f> >kj [kM] mMh l k , oa mlk j kopy jkT; ka dks 'kkfey fd; k x; ka fo'o cɔl us ^mfn'kk" l ešdr cky fodkl



I ok if'k{k.k dk; ðe ds eke; e l s l efdur cky fodkl I ok ifj; kstuk ea l gk; rk dhA bl dsvarxh] if'k{k.k ?kVd dks l 'kDr cuk; k x; k] vka uokMh dlnka dks mi Ldj dh vki frZ dh xbz rFkk f'k{k.k l æakh if'k{k.k l kexh r\$ kj dh xbz rFkk vka uokMh dlnka, oa if'k{k.k dlnka dks forfjr dh xbA

ckrkaij vuophy i Hkko i Mh gA l kFk gh] bul scgrj f'k'kqns[Hkky i) fr; ka ds ckj sea l emk; ds l keku; tkx: drk Lrj ij Hkh vuophy i Hkko i Mh gA

1/2x1/2 fo'o [kk | dk; ðe dh Hkfedk%fo'o [kk | dk; ðe] l a þr jk"Vª l æk dh cMh igy] eè; i ns'k 1/19 ifj; kstuk, æ rFkk mUkj kapy 1/16 ifj; kstuk, æ jkT; ka dh dN l efdur cky fodkl I ok ifj; kstukvka ea [kk | vkj ij d i ksk.k l kexh inku djus l æakh l gk; rk djrk jgk gð ft l l syxHkx 0-865 yk[k ykx ykHkflur gq gA

jk"Vh; Lrj ij] l efdur cky fodkl I ok ; kstuk ds fl OZ nks eW; kaðu fd, x, gA & igyk eW; kaðu 1992 ea jk"Vh; tu l g; kx , oacky fodkl l h.Fkku }kj fd; k x; k rFkk ni jk eW; kdu 1998 ea jk"Vh; vkfFkd , oa 0; ogkfjd vuð akku ifj"kn }kj fd; k x; k] ft l s 2001 ea i dlf'kr fd; k x; kA

1-3 eW; kaðu dk vkspR;

f'k'kqyka , oa N% o"lz l s de vk; q ds cPpk] xHkZrh efgykvarFkk Lruiku djkusokyh ekrkvka vkj fd'kksj; ka ds fgrka dks vi uk y{; fuekkZjr djus okyk fo'o dk l okd"V dk; ðe gkrs gq] l efdur cky fodkl I ok us f'k{kfonk] vk; kst dka uhr&fuekZkvk] iz kkl dka rFkk fØ; klu; u ds fy, mUkjnk; h vl; ykxka ea fo'o 0; ki h #fp i snk dh gA

1996&97 ds nkj ku] jk"Vh; vkfFkd , oa 0; ogkfjd vuð akku ifj"kn }kj efgyk , oacky fodkl foHkx dh vkj l s ik; kfxd vè; ; u ds : i ea jk"V0; ki h eW; kaðu i kj Hk fd; k x; kA eW; kaðu dk y{; l rgh Lrj ij ; kstuk ds fu"iknu dh tkp djuk Fkk rkfd dk; ZrkZvka dh {kerkvka dk fuekkj .k fd; k tk l ds dk; ðe ds y{; ka dks i jk fd; k tk l ds rFkk bl ea vkxs l ækj gsrq uhrxr [kkdk r\$ kj fd; k tk l dA

ifj.kker% dk; ðe dh i Hkkodkfjrk dk eW; kaðu , oa fuekkj .k djus gsrq dbz vuð akkuxr vè; ; u fd, x, gA bl l æak ea xgurki dZ vuð akku fd; k x; k gS 1/2ckD l 1-3 1/2 rFkk vuð vè; ; uka us bl ds foHkku i {kka dks fo' yf"kr fd; k gA l efdur cky fodkl I ok ds varxh inku dh xbz l okvka l s cPpka ds LokLF;] i ksk.k , oa i frj {k.k l æakh l Fkfr; k] muds l KkukRed fodkl] l keft d n{krkvka ds fodkl] Ldny ea ukekaðu] LokLF; , oa i ; kbj .kh; LoPNrk ds ckj ea tkx: drk l æakh

1996&97 ds nkj ku] jk"Vh; vkfFkd , oa 0; kogkfjd vuð akku ifj"kn- }kj efgyk , oa cky fodkl foHkx dh vkj l s ik; kfxd vè; ; u ds : i ea jk"V0; ki h eW; kaðu i kj Hk fd; k x; kA eW; kaðu dk y{; l rgh Lrj ij ; kstuk ds fu"iknu dh tkp djuk Fkk rkfd dk; ZrkZvka dh {kerkvka dk fuekkj .k fd; k tk l ds rFkk bl es vkxs l ækj gsrq uhrxr [kkdk r\$ kj fd; k tk l dA ; g vè; ; u 32 jkT; ka rFkk l æk 'kfl r {ks=ks ea Qsys gq 400 ipkyu i z kMka 1/31-3-1996 dh l Fkfr ds vuð kj 1/2 l spqxs, 1]80]000 ykHkFkZ i fjokjka rFkk yxHkx 60]000 vka uokMh dlnka ds QHYM l oZk.k ij vkekkfjr Fkka l oZk.k ds ifj.kketa l s irk pyk fd ns'k ds l efdur cky fodkl I ok dk; ðe l s ik= cPpka , oa efgykvka ea l s 50 ifr'kr l s vfed ykx ykHkflur gq FkA l oZk.k ds ifj.kketa dks vè; ; u ea doj fd, x, l Hkh ipkyu i z k.Mka gsrq l efdur cky fodkl I ok ; kstuk ds i æ[k ?kVdka dks doj djus okys pfunk l ds r dks ds fy, mi yCek dj fn; k x; k gA



jk"Vh; vuqz; Þr vkrFkd vuq akku ifj"kn dk nlr jk egloiwkz igywl Hkh iædk 'kgjka ds fy, iFkd fjiki/ka dksmi ycek djkrsguk gA dyy feyk dj] egloiwkz I ærdka ds ?kVd fo'ySk.k ifj.kkela ij vkekkfjr jkT; ka ds l exz dk; &fu"iknu l s irk pyr k gSfd xqtjkr] mMh l k] egkj k"V] eè; inSk , oa gfj; k.kk cgrj dk; &fu"iknu djustokysjkt; kaavkrsg] tcf d if'pe cakyl iatkc] tEew, oa d'ehj] mUkj inSk rFkk fcgkj dk dk; &fu"iknu vks r l s de jgk gA

1-3-1 I okvka dh igp

I efd r cky fodkl I ok ifj; kstuvka dh fLFkr dk fuækkj .k djustgrq 'Qkd i * }jk fd, x, vè; ; u l s irk pyk fd I efd r cky fodkl I ok ifj; kstuvka l s Hkkjr dh cgr cMh vkcknh ykHkkfLor ugha gP A 'Qkd i * i k j æHkd f'k' kq n f kHkky , oa fodkl dh i Hkkok& i kn drk ea l ækkj djustgrq dk; jr l æBuka dk jk"Vh; us/odz gAa bl vè; ; u ea rhu jkT; k] uker% jktLFkku] mUkj inSk rFkk fcgkj dks doj fd; k x; kA , d k ik; k x; k fd I efd r cky fodkl I ok ifj; kstuvka ds vrxr nSk dh fl QZ5-0 ifr'kr vkcknh gh doj gS l dhA ; | fi Hkkjr ea 14 yk[k vkokl cflr; kag] rFkfi bu dlnka dsekè; e l s fl QZ 6 yk[k vkokl gh doj fd, x, gA l kFk gh] ; | fi 7-5 yk[k vkakuokMh dlnka dks nl oha ; kstuvka ds vrxr LFkfi r djust dh ifj dY i uk dh xbZ Fkh rFkk 7-5 yk[k dlnka ds fy, igys gh eatjyh fey xbZ Fkh] rFkfi fl QZ6-4 yk[k vkakuokMh dlnz gh ipkyujr FkA fcgkj ea 30 ifr'kr dk fujk'ktud dojst jgk] tcf d mUkj inSk vks jktLFkku ea dojst 60 ifr'kr l svfed jgkA mUkj inSk eacPpka dh l æ; k l okZkd Fkh rFkk ; gk ifr ykHkkfkhz ifr ekg 15 #i , [kpZfd, x, A ifr ekg ifr ykHkkfkhz 18 #i , dsjk"Vh; vks r dh rgyuk ea jktLFkku , oa fcgkj ea ifr ekg ifr ykHkkfkhz 0e' k% 18 #i , , oa 6 #i , [kpZfd, x, A bl vè; ; u ea fl Qkfj'k dh xbZ fd I efd r cky fodkl I ok ds vrxr l Hkh t: jren ykHkkfkhz, ka dks ykHk igpk; k tkuk pkfg, %Qkd i % 2005/A

1-3-2 LokLF; I ok, a

if'pe cakyl cky dY; k.k ifj"kn }jk if'pe cakyl ds rhu ftyk] uker% gkoMk] 24 mUkj h ijxuk , oa 24 nf{k.k ijxuk ea ekrkvka , o cPpka dh LokLF; l ækh fLFkr dk irk yxkus ds fy, , d vè; ; u&dk; Zfd; k x; kA vè; ; u ea; g ik; k x; k fd ekrkvka , oa cPpka dh LokLF; fLFkr cgrj cuk, j [kus rFkk mudh tkx: drk dks c<kus ea l efd r cky fodkl I ok , oa vol j puxr ckèkkvka ds ckotw] vkakuokMh dlnz rhuka ftyka ea vi uk dk; &fu"iknu ddkyrki d dj jgs FkA vi ; klr i ; kbj.kh; LoPNrk] xko ds rkykcka ea Luku djuk] Luku?jka , oa 'kk]ky; ka dk vHko gksuk & tS h vLokLF; dj i) fr; ka cPpka dh chekjh ds iædk dkj.k FkA xteh.k {ks=ka ea i d l o l s i wZ j Dr l ko rFkk 'kgjh {ks=ka ea ekrkvka ea jDr dh deh tle l s i wZ gh cPpka dh eR; qds iædk dkj.k Fk] ; | fi vfedk k dkj.kka dk irk ugha FkA ; | fi vkakuokMh dk; ZrkZ ifrj{k.k ds eglo ds ckjs ea tkx: drk inSk djust ea l Qy jgs Fk] rFkfi 8&15 ifr'kr cPpka dks ifrj{kr ugha fd; k tk l dk rFkk 'kgjh {ks=ka dh rgyuk ea xteh.k ea ifrj{kr cPpka dk ifr'kr vfedk FkA cPpka ea foVfku , dh deh l fgr vl; foVfku dh deh Hkh FkhA vè; ; u ea vks vfedk vkakuokMh dlnz [kksyus dh fl Qkfj'k dh xbZ Fkh rkd efgykva , oa cPpka dh LokLF; , oa iSk.k l ækh fLFkr ea l ækkj fd; k tk l ds Hkkjr; cky dY; k.k if'pe cakyl ifj"kn % 2001/A

1-3-3 vkakuokMh I okvka ds ckjs ea ekrk&fi rk ds fopkj

Ldny tkus l s igys cPpka dks inku dh xbZ LokLF; I okvka dk eW; kaðu djust ds fy, tEew 'kgj ds 'kgjh Lyeka ea fd, x, vè; ; u l s irk pyk fd cPpka ds ekrk&fi rk dk ; g fopkj gSfd



dsykgj h ¼49-9 ifr'kr½ i kbZ xbA fcuk xHkZ okyh nnik ugha fi ykus okyh] nnik fi ykus okyh rFkk xHkZbrh efgykvka ea i kshu dh deh 16-1 xte ¼323-3 ifr'kr½ 31-4 xte ¼46-2 ifr'kr½ rFkk 33-4 xte ¼51-4 ifr'kr½ i kbZ xbA i qks ds Lyeka ea xHkZkkj .k dh vk; q okyh efgykvka ds nfuud vkgkj i s/uz ea dsykgj rFkk i kshu ea, dl eku deh n[s kus dks feyh] ; | fi I efdr cky fodkl I ok ; kstuk ds rgr mluga doj fd; k x; k Fkka LokLF; , o i ksk.k f'k{k rFkk xHkZbLFkk , oa LrU; dky ds n[s ku vfrfjDr Hkktu ds : i ea vfrfjDr i ksk.k i j dka ds ckjs ea tkx: drk i snk djuk I keku; gLr{ki xr dkj zkb; ka Fkha ft I I s f'k'kq/ka ds tle ds I e; mudsot u ea of) gks I drh Fkh] efgykvka dh i ksk.k I æakh fLFkr; ka ea I qkkj gks I drk Fkk ¼xake] 1998/A

jktLFkku ds vyoj rFkk Hkjrij ftyka eafd, x, ve; ; u I s 50 vkaxuokMh dshnka ds I Hkh cPpka dh i ksk.k I æakh fLFkr; ka dk irk pyka yxHkx 10 ifr'kr cPps xHkhj : i I s d[i ksk.k ds f'kd kj ik, x, A xHkhj : i I s d[i ksk.k ds f'kd kj 84-6 ifr'kr cPpka ds i j d i kskkgkj feyk] yfdu I QZ39-2 ifr'kr cPpka us nqaxuk jk'ku i ktr fd; k v[s 15-4 ifr'kr cPpka ds dk bZ jk'ku ugha feyk I efdr cky fodkl I ok ; kstuk ds eke; e I s d[i ksk.k I æakh i çaku ds fy, i j d i kskkgkj ds forj.k , oa mi ; kx gsrq fn'kk&funz dk I [rh I s vuq kyu gksuk pkfg, ¼dfi y] ; w% 1999/A

1-3-5 i kskkgkj , oa LokLF; f'k{k

I efdr cky fodkl I ok dk mlur LokLF; ekudka dks i ktr djus ds m[s ; I syf{kr ykHkrfkz ka ds LokLF; , oa i kskkgkj I æakh vknrka ea 0; ogkj xr i f jorZu ykus dk y{; gA caxyk 'kgjh ifj; kstuk] dukZ/d rFkk , jdy xteh.k ifj; ktuk ea jk"Vh; tu I g; kx , oacky fodkl I LFkku] caxyk }kjk fd, x, ve; ; u I sekrvka dh dk; &i) fr rFkk muds Kku I s I æfkr

I efdr cky fodkl I ok }kjk fn, x, bu i kskkgkj , oa LokLF; f'k{k I ans kka ds i Hkko dk irk pyka f'k'kq mlkj tHfork , oa fodkl gsrq Lruiku] uotkr f'k'kq/ka dks [khl vkgkj Lo: i n[us dh egUkk] nnik&Nq/mbZ , oa i j d vkgkj] ifrj{k.k] y?kq ifjokj ifrekud] jDrnk jksufjoku dk; De fodkl fuxjkut] fuEu&ykxr i kskd vkgkj] nLr dh jkdFkke rFkk chekj dh n[s ku cPpka dks vkgkj n[uk tS sfo"K; ka dks doj djus okys 12 i e[k I ans kka dks n[us ea I efdr cky fodkl I ok iz kkyh dh i Hkko&i kn drk dk eW; kaðu fd; k x; ka vfedka k efgykvka dks rRI æakh I rskktud Kku ¼60 ifr'kr½ rFkk dk; &i) fr ¼61 ifr'kr½ Fkka xteh.k ekrvka ds Kku dk Lrj ¼64 ifr'kr½ 'kgjh ekrvka ds Kku ds Lrj I s vPNk Fkka vkaxuokMh dk; ZrkZ/ka dks 'kgjh ekrvka I s I Ei dZ jusea df Bukbz gpb] D; kfd ; s'kgjh ekrk, a dk; Z ij ijs fnu ds fy, pyh tkrh Fkha rFkk muds ?kj ij tkus I s mul s I Ei dZ ugha gks i krk Fkka ve; ; u ea ; g fl Qkfj'k dh xbZ fd I ans kka dks i Hkko cukus gsrq blga i kFkfedr n[uh pkfg, rFkk blga y{; I eg dh vko'; drvka ds vuq i cukuk pkfg, A I ans kka dks i Hkko cukus ds fy, Lonsh I kexh dk iz, kx fd; k tk I drk gA i ksk.k , o LokLF; f'k{k ?kVd I Hk I Ec) xrforefek; ka dk I ex Lo: i gksuk pkfg, ¼j"Vh; tu I g; kx , oacky fodkl I LFkku] caxyk% 1996/A

1-3-6 Ldny&i wZf'k{k

fodkl ve; ; u I LFkku] t; ij }kjk fd, x, ve; ; u ea ik; k x; k fd vkxuokMh dk; ZrkZ/ka us Ldny I si wZ dh xrforefek; ka ea cgr vfed #fp yHA I efdr cky fodkl I ok ifj; kstukvka e] Hkys gh mudk I pkyu I jdkj ; k xj&I jdkjh I æBuka }kjk fd; k tkrk Fkk] cPpka ds I KkukRed fodkl ij fo|ky; I si wZ dh xrforefek; ka ij I dkj kRed i Hkko i Mh Fkka vkaxuokMh dk; ZrkZ/ka }kjk vkjHk fd, x, Ldny tkus I si wZ dh pkj i e[k xrforefek; ka Fkha o. kZeky I æakh f'k{k.k rFkk cBus dh 0; oLFkk] x.kuk] dk0; i kB rFkk [kya irki x<+dk; ZrkZ us



I tZukRed f'k{k.k dksfodfl r djusdsfy, Lonsh
 I kexx; ka dk iz; s; fd; k rFkk cPpka dks xhyh feeh
 I svkdf; kacukuk fl [kk; kA bu i) fr; ka ea i frdfr
 dh I HkkO; rk gsrFkk ; si) fr; kauokpkj dh xqt'kb'k
 inku djrh gA ftu xkoka ea fogku tS s I jdkjh
 I xBu vkauokMh xfrfofek; ka ea l ayXu FkS cPps
 vi{kkdr vfekd tkudkj vksj fo'oLr FkS D; kfid
 fogku ds ek; e I s I KkukRed I tZukRed f'k{k.k
 ij fo'kSk tkj fn; k x; kA vfekdkk vkauokMh
 dlnka ea ekuf=kj'; kei ekj f[ky kSka; k vU; I x r
 mi Ldjka dh dkbZ I qoekk mi yCek ugha Fkha vkauokMh
 dlnka ea Ldny I s i wZ dh f'k{k.k I aekh I kexh
 mi yCek djkus dh vko'; drk gA f'k{k.k dh i fO; k
 dsek; e I scPpka dks viuh dk; Zkerk dh I tZukRed
 vfHko; fDr gsrq I {ke cuk; k tkuk pkfg, %I qkh} , u-
 ds % 1996YA

1-3-7 fd'kksj; ka

; g ve; ; u ee; insk ds ekkj tutkrh;
 ftyeafd; k x; k rFkk bl ds vxr I efdri cky
 fodkl I ok dh pkj ifj; kstuvka ds 10 ifr'kr
 vkauokMh dlnka dks'k kfey fd; k x; kA 1920 fd'kksj
 yMfd; kj 640 vkauokMh dk; Zrkz/ka I fodkva rFkk
 2560 if'k{k.k kFkz; ka dks if'k{k.k fn; k x; k vksj
 if'k{k.k ds i wZ rFkk bl ds i'pkr dh fLFkr; ka dk
 vkdyu fd; k x; kA , d k i k; k x; k fd if'k{k.k dh
 otg I sfd'kksj; kadk vkRe&fo'okl , oavkRe&I Eeku
 c<kj mudh LokLF; dh fLFkr , oalokLF; dj i fO; kvka
 ea I ekkj gqvk vksj muds LokLF; , oa i kSk.k I aekh
 Kku ea of) gA bl I s vkauokMh xfrfofek; ka ds
 I pkyu I aekh mudh dk; Zdkyrk ea Hkh I ekkj
 gsrk gA vkauokMh dlnka ea ft I I sfd'kksj; ka tMh
 gA Fkh i kSk.k , oa LokLF; f'k{k{k} fodkl fuxjkuh
 rFkk Ldny& i wZ f'k{k dh ink; xh ea xqkkRed I ekkj
 ns[kus dks feyka fd'kksj; ka ds ek; e I s LokLF;
 tkp , oa i jke'khz I ok, a Hkh I q;+gks xbA if'k{k.k
 dk; Ze fd'kksj; ka ds ek&cki dks okiNr Lrj rd
 i Hkkfor ugha dj I dka I kepki; d cBda i Hkkoh

jgh Hkys gh mudks vk; kfr djus eadfbukbz gA
 vkauokMh dk; Zrkz/ka dks fn, tkus okys i f'k{k.k
 dks i wZ vuplfyr fd, tkus dh vko'; drk gsrkfd
 if'k{k.k I aekh vuHko dsfy, vfekd I gk; rk inku
 dh tk I dA i kSk.k , oa LokLF; f'k{k{k I aekh I ans kka
 dks de&I &de I krfgd vkekj ij jfM; ks I s
 i d kfjr djuk pkfg, A i kSk.k , oa LokLF; f'k{k{k
 I aekh I kexh dks i R; d vkauokMh dlnka ea vfuok; Z
 : i I s mi yCek dj; k tkuk pkfg, rkfd I epk;
 dks bu i gypka ds kjs ea f'kfkr fd; k tk I ds
 %o'o [kk] dk; Ze% 1997YA

1-3-8 I efdri cky fodkl I ok ea LoSPNd I xBuka dh Hkfedk

[kk] , oa i kSk.k foHkx }jkj ve; ; u fd; k
 x; k] ft I ds vxr cMsk ds, e-, I - fo'ofokj;
 usfo|ky; tkusl sde vk; j] vFkr 0&36 eghusdh
 vk; qokysf'k'kqkarFkk cMsk uxj fuxe , oalospNd
 VLV }jkj inku dh tkusokyh I efdri cky fodkl
 I okvks dk mi Hkks djus okyh xHkrh ekrvka dks
 doj fd; kA bl dsrgr] bu nks {ks=kj uker% I jdkjh
 {ks= , oalospNd {ks= ds vxr I efdri cky fodkl
 I ok dh I ok ink; xh ds dk; &fu"i knu dh ryuk
 dhA bu nks {ks=ka ea cPpka , oa ekrvka dh
 I kekftd&tul ka [; dh; fof'k"Vrvka ea vrj ugha
 Fkha I jdkjh {ks= ea dbZ I okvka dh ink; xh cgrj
 , oav i {kkdr T; knk Fkh] yfdu bl {ks= dscPpka ds
 i kSk.k I aekh fLFkr ea dkbZ fo'kSk QdZ ugha ns[kus
 dks feyka f'k'kq dh vk; q i kSk.k fLFkr dks i Hkkfor
 djus okyk i e[k ?kVd Fkha Nksv f'k'kq/ka ea cM
 f'k'kq/ka dh vi{kk i kSk.k dh fLFkr vPNh Fkha
 I okvka ds i wZ i dst ds mi; s; gks I s #X. krk&eDr
 fnuka dh I ; k ea of) I s i jLij dkQh i Hkko i Mka
 xHkrh ekrvka }jkj vk; ju I Eij .k , oa i j d vkgj
 ds ysus I s muds f'k'kq/ka dk tle ds I e; otu
 vPNk jgk , oa tle ds I e; f'k'kq/ka dk otu cgr
 de ugha jgk %I s n rFkk 'kSkknh] 1996YA



1-3-9 I ešdr cky fodkl I šk dk i hko

mŭkj inš k ds bykgkcln ftys ds tkl jk I ešdr cky fodkl I šk i [kAM] ds 12 vkaokMh- {ks=kaevè; ; u dk; Zfd; k x; kA 7&13 o"lz dscPpla dksbl ds vaxr doj fd; k x; kA ik; kšxd I eng ea I ešdr cky fodkl I šk ds ykHk mBk pps cPpla dks 'kifey fd; k x; kj tcfdu; æ.k I eng ea I ešdr cky fodkl I škvka dk ykHk ughamBkus okys cPpla dks 'kifey fd; k x; kA , d k ik; k x; k fd I ešdr cky fodkl I škvka ds ykHk ugha mBkus okys cPpla dh ryuk ea I ešdr cky fodkl I šk ds ykHk Fkz cPpla ds Lohy I sckgj fudys tkus 1/11/11 & vkmV½ ds ekeyka dh I [; k vfeld FkA ykHk Fkz, ka 1/54 ifr'kr½ dh ryuk ea xš & ykHk Fkz, ka 1/73 ifr'kr½ ea eè; e Lrj I s xHkhj Lrj ds dŭkš.k ds ekeys vfeld ik, x, A jDr vYi rk dh chejrh dks tle nus okyh vk; ju dh deh dks I okfeld : i I s 0; klr i kš Vdrk dh deh ds : i ea ik; k x; kA ifr gtkj ykHk Fkz, ka rFkk ifr gtkj xš & ykHk Fkz, ka ea foVfku , dh deh okys ykška dh I [; k Øe'k%0-7 vŭš 12-7 FkA xš & ykHk Fkz, ka dh ryuk ea ykHk Fkz, ka dk 'kš kd fu"i knu cgrj jgkA 9 ifr'kr xš & ykHk Fkz, ka dh ryuk ea 21 ifr'kr ykHk Fkz, ka us fo |ky; dh foHkUu xrfefek; ka ea Hkx fy; kA fo |kFkz, ka ds vi us I kFk; ka ds I kFk fe=or 0; ogkj , oa cMha rFkk f'k(kdka ds ifr vknj&I Eeku ds Hko I eškh 0; ogkj I s I ešdr cky fodkl I škvka ds mu ij gg nŭ?kš vfeld I dkj kRed i hko dk irk yxk 1/4Kubnz fl g] 1997/8

1-3-10 tle ds I e; de otu

mŭkj inš k ds okj.k.kl h ftys ds dk'kh fo |ki hB ds I ehi orh xš & I ešdr cky fodkl I šk i [kAM] , oa , d xkeh.k I ešdr cky fodkl I šk i [kAM] gjk Bk ea vè; ; u dk; Zfd; k x; kA bl ds vaxr I ešdr cky fodkl I šk i [kAM] dh I à fjr efgykva I ešdr cky fodkl I šk dh vl à fjr efgykva rFkk xš & I ešdr

ckM 1-1 % I ešdr cky fodkl I šk I eškh vuđ šku

- ❖ 1976 ea i h bZ vks }kjk cl ykbu I ožk.k fd; k x; kA
- ❖ 1977&78 ea i h bZ vks }kjk nkskj k I ožk.k fd; k x; kA
- ❖ 1983 ead" .kkefirZ, oa und.khZ }kjk I ešdr cky fodkl I šk ds i fji [; ea vè; ; u fd; k x; kA
- ❖ 1985&86 eajk"Vh; tu I g; kx , oacky fodkl I hFku }kjk I ešdr cky fodkl I šk ds I kelftd ?kVd dh fuxjkuhA
- ❖ 1990 ea xki kyu rFkk vU; 0; fDr; ka }kjk dk; Øe ds LokLF; igywdh tlap dh xbA
- ❖ 1992 eajk"Vh; tu I g; kx , oacky fodkl I hFku }kjk jk"Vh; vkekkj ij eŵ; kađuA
- ❖ 1995 ea euk&I kelftd fodkl ij I ešdr cky fodkl I šk ds i hko dks, u vkbZ, u , oal h Vh I h }kjk mtkxj fd; k x; k , u I h bZ, vj 1/2001½ }kjk I ešdr cky fodkl I šk 1/4pŭnk I adrdka i j½ dk I eorh eŵ; kađu vkjHk fd; k x; kA

cky fodkl I šk i [kAM] dh vl à fjr efgykva dks doj fd; k x; kA I ešdr cky fodkl I šk {ks= ds fl QZ 34-4 ifr'kr xHkbrh efgykva dks gh ij d i kškgkj i klr gks jgk FkA i kškgkj vfu; fer : i I s fn; k tk jgk FkK bl dh xqkoUk vPNh ugha Fk rFkk ; g vi; klr ek=k eafn; k tk jgk FkA I ešdr cky fodkl I šk I à fjr I eng dh yxHkx 13-8 ifr'kr efgykva I ešdr cky fodkl I šk vl à fjr I eng dh 12-7 ifr'kr efgykva rFkk xš & I à fjr I ešdr cky fodkl I šk vl à fjr I eng dh 27-4 ifr'kr efgykva dk otu 45 fdykške I s de FkA , d k ik; k x; k fd ij d i kškgkj i klr efgykva ds utkr f'k'kq/ka dk otu ij d i kškgkj I soŭr efgykva ds utkr f'k'kq/ka ds otu I s 58 xke vfeld FkA I ešdr cky fodkl I šk {ks= ea i kškgkj I s oŭr ekrkva ds utkr f'k'kq/ka dk otu xš & I ešdr cky fodkl I šk {ks= ds ekrkva ds utkr f'k'kq/ka ds otu I s 25 xke vfeld FkA I ešdr cky fodkl I šk ij; kstuk ds vaxr ij d i kškgkj i klr ekrkva ds de otu okys utkr f'k'kq/ka dh I [; k 1/14-4 ifr'kr½ I ešdr cky fodkl I šk ds vaxr ij d i kškgkj I soŭr efgykva ds de otu okys utkr f'k'kq/ka dh I [; k 1/20-4 ifr'kr½ rFkk xš & I ešdr cky fodkl I šk ij; kstuk ds {ks= okys ij d i kškgkj



I soŋpr efgykva ds de otu okysuotkr f'k'kq/ka ds I ɔ; k 1/26-3 ifr'kr 1/2 dh rnyuk ea de gkrk gA ij d i kSkkgkj i ktr I ešdr cky fodkl I ɔk {ks=} ij d i kSkkgkj I soŋpr I ešdr cky fodkl I ɔk {ks= rFkk xš & I ešdr cky fodkl I ɔk {ks=ka ea I e; I s i wZ i ɔnk gksus okys f'k'kq/ka dh I ɔ; k 0e'k% 2-0 ifr'kr] 2-4 ifr'kr , oa 4-3 ifr'kr gA , d k i k; k x; k fd xHkkbLFkk ds nšku otu ea of)] xHkkkj .k dh vofek rFkk rhljh frekgh ds nšku dšykh i wZ vkgjka dks yas tš h ckrka I s I ešdr cky fodkl I ɔk rFkk xš & I ešdr cky fodkl I ɔk] nksuka i ɔ kA/ka ea uotkr f'k'kq/ka ds otu vfekd gksus ij egłoi wZ i Hkko i Mka yšdu] i kbz xbz dfe; ka ds ckotm] ij d i kSkkgkj I s ekrkva ds otu , oa uotkr f'k'kq/ka ds otu ea I ɔk] gqk rFkk I e; & i wZ f'k'kq/ka , oa de otu okys f'k'kq/ka ds i ɔnk gksus dsekeyka ea deh vkbZ 1/2 ds, u- vxokj rFkk vU; % 2000%

dk; 0e ds LFkk; hdj .k] xqkoUkk fu; a .k rFkk I ɔk] I s oŋpr efgykva dk I kel'fd , oa vkrkZ I 'kDrhdj .k] dk; 0e ds egłoi ds ckjs ea tkx: drk tš sfo'k; ka ij cgr de vè; ; u fd; k x; k gA tš k fd nškk tk I drk gšfd vfekd kàk vè; ; uka ds varxž fl OZ [kA'k% I ɔk] inku dh xbz gš rFkk I ɔk dh ink; xh rFkk ml I s gksus okys Qk; nka dk 0; ofLFkr < a I svè; ; u ughafd; k x; k gA I kFk gh] bu vè; ; uka ea yš; I engka ij I ɔkvka ds i Hkko dh 0; ki d Lrj ij , o I eflor < a I s tkp Hkh ugha dh xbz gA bu vè; ; uka ds varxž dk; 0e ds f0; kUo; u rFkk yš; I eng ij bl ds i Hkko I s I ešdr fofHku ?kVdka ds varl ɔk ds I nHkZ ea i; kZr I kš; ugha i Lrj fd, x, gA vè; ; u ds varxž dojst gqreus ds rš ij fy, x, {ks=ka dh I ɔ; k Hkh I hfer gh gšft I I s I kell; : i I s vupku ugha yxk; k tk I drk gA

bu vè; ; uka ds ekè; e I s fofHku egłoi wZ ckrka I h[kus dks feyh gA rFkfi] jk'Vh; Lrj ij I ešdr cky fodkl I ɔk ij; kstuvka dk vkdyu djus ds fy, 0; ki d tkp dh vko' ; drk I ok'fekd ok'Nr dkj bkbz Fkh] D; kàd I ešdr cky fodkl I ɔk dk; 0e fi Nys rhu n'kdka

I s vfekd vofek I s vHkh i pkyujr jgk gA bl ds vfrfjDr] I ešdr cky fodkl I ɔk dk i kQkby] fo'kškdj fi Nys n'kd ds nšku ; kstuvka ds foLrkj] fodlhdj .k] I koHkhdj .k] fo'o cãd i nUk I gk; rkvka rFkk vU; ; kstuvka ds I kFk bl ds vfhk j .k I s i fjoFrž gkrk jgk gA bu I Hkh ds fy, dk; 0e dk u, fl js I seW; kaɗu fd, tkus dh vko' ; drk gksxA bl ds n'Vxr] I ešdr cky fodkl I ɔk dk; 0e dk ykHkFkZ; ka ij i Meusokys i Hkko dk i r yxkuk vko' ; d gšrkd I ɔkvka dh vuphyre miyČekrk dh flFkr ea I ɔk] yk; k tk I ds rFkk bl ds mlur f0; kUo; u ds ckjs ea fu.kz fy; k tk I dA QhMcãd dk; 0e ea egłoi wZ i fjorZ ykuš jkT; ka , oa xš & I jdkjh I aBuka@ fl foy I kd k; Vh I aBuka i p; rh jkt I aFkkva rFkk ykHkFkZ; ka dh Hkfedk dks egłoi wZ cukus vš cPpka , oa ekrkva ds thou & Lrj ea I ɔk] ykusea dk Qh i Hkko fl) gksxA ekšmk eW; kaɗu I s y?kq, oa nh?kZ nksuka Lrjka ij i fj; kstuk dh I Qyrk ; k rRI aakh vU; ckrka I s I Ec) dkj dka dks igpku djus ea Hkh I gny; r gks I drh gA

bl ds vfrfjDr] I okPp U; k; ky; us , d tufgr ; kfpdk ij fu.kz nrs gq Hkkr I jdkj dks 14 yk[k vkokl ka dks doj djus gqrvka uokMh dšnk dh I ɔ; k c<kus dk funž k fn; ka I jdkj ds jk'Vh; U; ure I k>k dk; 0e 1/4 u I h , e i h/2 ea ; g Hkh i fjdYiuk dh xbz gšfd I ešdr cky fodkl I ɔk ; kstuk dk I kožtuhdj .k fd; k tk, xkA vr% ; kstuk ds I dkj kRed i Hkko I s I Ec) dkj dka dh igpku djus ds fy, vutkotU; QhMcãd i ktr djus dh vko' ; drk Fkha bl I s I ɔkvka dh ink; xh rFkk bl dh vuphyre ckg; miyČekrk rFkk yš; I engka ij bl ds i Hkko dks I ɔuf'pr djus ea I ɔk] gks I drh gA

vr% efgyk , oacky fodkl fohkx] Hkkr I jdkj us I aFku I s I ešdr cky fodkl I ɔk ; kstuvka ds i Hkko ds ckjs ea vè; ; u i k] jk djus ds fy, vujkš fd; k FkA





v/; k; 2

vè; ; u dk fMtkbu

- vè; ; u ds míš ;
- rjhds vksj i fØ; k, a
 - vè; ; u dk nk; jk
 - ueukdj.k dh i fØ; k
 - i fj; kst ukvka dk p; u
 - y{; tul ã; k
 - vkadMk l æg.k ds VWI
- i pyukRed foj.k
- tu'kfDr ; kstuk
- vkadMk dh xqkoUkk l fuf' pr djuk
- dEl; wjhdj.k vksj fo'yšk.k
- eW; kacu ds ekun.M@l drrd
- vkadMk dk l kjká khdj.k
- vè; ; u dh l hek, a
- fji ksz dk i Lrghdj.k

vè; ; u dk fMtkbu

2-1 vè; ; u dsmís; ;

v/; ; u dsmís; ; bl izdkj Fks%

- dojst] vkmVjhp] l ello;] vfhkl j.k vks jkT; ka rFkk xj&l jdkjh l æBu }kjk vkjBk fd, x, vfhkuo ifjorZka ds fgl kc l s l efd r cky fodkl l ok dk; Døe dks dk; kZlor djus dh ekSt:mnk fLFkfr dk eW; kaZu djuk(
- xkeh.k] 'kgjh vks tutkrh; {ks=ka rFkk xj&l jdkjh l æBuka }kjk pyk, tkus okyh ifj; kst ukvkaal efd r cky fodkl l ok dk; Døe ds dk; kZlo; u ea varjka dh rnyuk djuk(
- l efd r cky fodkl l ok ds dk; kZlo; u ea vkus okyh l eL; kvka vks dfe; ka dk irk yxkuk(
- l efd r cky fodkl l ok ds ckjs ea l epk; vks LFkkuh; fudk; ka dh èkkj.k rFkk dk; Døe ds dk; kZlo; u ea muds }kjk inku fd, x, l eFkZu dh l hek dk irk yxkuk(
- vl; fodkl dk; Døeka ds l kFk l efd r cky fodkl l ok ds ijLi j l æak vks l okvka dh xqkoUkk ea l èkkj djuseamudh Hkfedk [k kst uk(
- cPpk] efgykvka vks fd'kks ckfydkvka dks inku dh xbZfofHku l okvka l s l æfekar pfulnk ifj.kkeh l ærdka ds vèkkj ij ; kst uk ds ykHkka dk irk yxkukA

2-2 rjhds vks i fØ; k, a

2-2-1 vè; ; u dk nk; jk

xkeh.k] 'kgjh vks tutkrh; ifj; kst uk, adoj djrsqg l Hkh 35 jkT; ka vks l æk 'kkl r {ks=ka l s, d l ks ipkl l efd r cky fodkl l ok ifj; kst uk, a vè; ; u ds fy, ppuh xbA vè; ; u dk nk; jk mu ifj; kst ukvka rd l hfer j [kk x; k] tks de l s de

l kp o"kk l s ipkyukRed Fkha bl izdkj og l Hkh ifj; kst uk, j vè; ; u ea 'kkl fey dh xbA tks o"kZ 2000 rd ipkyu ^d^ ea Fkha dgy feykdj] l efd r cky fodkl l ok dh 4200 ifj; kst uk, a vè; ; u ds nk; jsea vkbA l efd r cky fodkl l ok dh 150 ifj; kst ukvka 1/2 xHkx 4 ifr'kr 1/2 dk , d ueuk eW; kaZu dsmís; ; ds fy, ppuh x; ka

2-2-2 ueukdj.k dh i fØ; k

l gyspj.k ea ifj; kst ukvka dh jkT; &okj dgy l æ; k ppuh ds fy, cg&ppj.kh; Rofjr oxhZr ueukdj.k rdudh viukbZxbZ tcf d nll js pj.k e] LFkku ds vuq kj 1/2 xkeh.k] 'kgjh vks tutkrh; 1/2 ifj; kst ukvka dh l æ; k ppuh ds fy, Rofjr ueukdj.k rdudh vks mís; eyd ueukdj.k rjhdk viuk, x, A jkT; &okj vks LFkku&okj ppuh xbZ ifj; kst ukvka dh dgy l æ; k l kj.kh 2-1 vks fp= 2-2 eanh xbZ gA

tgka l s ifj; kst uk, a ppuh xbZ Fkha ogka l s LFkku ds vuq kj ueuk ifj; kst ukvka dk forj.k uhp fp= 2-2 ea fn; k x; k gA

ueuk ftyk] tgka l s ifj; kst uk, a ppuh xbZ Fkha dk okLrfod LFkku] Hkjr ds ekufp= 1/4 fp= 2-1 1/2 ea fn; k x; k gA

2-2-3 ifj; kst ukvka dk p; u

tS k fd l gysmYy] k fd; k x; k g] ifj; kst uk dh eatjyh ds 18 eghus ckn bl ds ipkyukRed gkus dh l Hkkouk gsrh gS vks bl ds Bhd <æ l sdke djus l sigys bl ea de l s de nks o"kZ dk l e; yxus dh l Hkkouk gA bl fy,] vè; ; u ds fy, ifj; kst ukvka dk p; u djus ds fy, vi&y 2000 dks foPNn 1/dV vKZ 1/2 o"kZ ds : i ea fy; k x; ka ueus mu CykHkka l s fy, x,] tks fnuka 01-04-2000 dks ipkyujr Fk



I kj.kh 2-1 % LFkku ds vuq kj ifj; kstukvka dk jkT; &okj forj.k

jkT; @l žk dkM	'kkfl r {ks= dk fLFkr	LFkku			
		xkeh.k	'kgjh	tutkrh;	dy
01	vllkz inšk	4	2	1	7
02	v#.kpy inšk	0	0	2	2
03	vle	3	1	2	6
04	fcgkj	5	1	0	6
05	NÜkh x<+	2	1	1	4
06	xlok	1	0	0	1
07	xqjkr	7	1	4	12
08	gfj; k.kk	3	1	0	4
09	fgekpy inšk	2	0	0	2
10	tEerFkk d'ehj	3	1	0	4
11	>kj [k.M	1	1	3	5
12	dukVd	4	1	1	6
13	djy	2	1	1	4
14	e/; inšk	5	1	2	8
15	egkj'V'	5	1	2	8
16	ef.kij	0	0	1	1
17	eškty;	0	0	1	1
18	fetkje	0	0	1	1
19	ukxtyM	0	0	2	2
20	mMh k	4	1	3	8
21	iatic	4	1	0	5
22	jktLFkku	4	1	1	6
23	fl fDde	1	0	0	1
24	rfeyukMq	10	2	1	13
25	f=i jk	1	0	0	1
26	mÜkj inšk	12	1	1	14
27	mÜkj kpy	1	1	1	3
28	if'pe cakty	6	1	1	8
29	vMeku , ofudckkj }hi l eg	0	1	0	1
30	pMhx<+	0	1	0	1
31	fnVyh	0	1	0	1
32	nkrj vÜš uxj gosh	0	0	1	1
33	neu vÜš nto	1	0	0	1
34	y(k)hi	0	0	1	1
35	i kMpgjh	1	0	0	1
	t kM+	92	24	34	150

vFkkZ 4200 ifj; kstuk, a 177 xkeh.k] 273 'kgjh vÜš 750 tutkrh; 1/8 oržku vè; ; u dsfy,] uenus ds: i eadny 150 I ešdr cky Je I ok ifj; kstuk, vFkkZ dy I e'V dh yxHkx 4 ifr'kr pÜh xBA iR; d jkT; I s pÜh xBz ifj; kstukvka dh I ; k] ipkyujr vÜš xkeh.k] 'kgjh vÜš tutkrh; Jf.k; ka dh ifj; kstukvka dh dy I ; k ds vuqkr ea Fkha 1/4 vÜš & 1/4 , d ifj; kstuk ds vñj] xš&l jdkjh I xBuka }kj pykbl tk jgh ifj; kstuk, a 'kkfey djus dk iz,kl fd; k x; kA

okLrfod I ešdr cky fodkl I ok ds p; u ds fy,] mu ifj; kstukvka dk p; u djus dk iz,kl fd; k x; k Fkk tkš tgka tgka dgha I Hko Fkk] xš&l jdkjh I xBuka }kj pykbl tk jgh Fkha vè; ; u ea'kkfey dh xBz I ešdr cky fodkl I ok ifj; kstuk dsp; u dk nÜ jk ekunM] vkauokMh dñka dh vfeadre I ; k vÜš mudh Hkšškšyd fLFkr Fkha , d k ; g I fuf'pr djus ds fy, fd; k x; k Fkk fd gekj s ikl cMh tul ; k I s fy, x, ifrfufekd uenus gkus pÜfg, A pÜs x, ftyka dks uD'ks ij vñdr djus dk iz,kl Hkh fd; k x; k ft I I svk dMh dk I xg.k djus ds fy, I d k; I nL; @ny ifrfu; q r djus rFkk bl ds fy, DyLVj n'V dks k vi ukus dh ; kstuk cukus ea I fpekk fey I dA pÜd I oš.k.k dk , d mš;] I ešdr cky fodkl ; kstuk dh ifj; kstukvka dh rhu Jf.k; ka ea dk; kM; u ea varjka dk vè; ; u djus Fkk] bl fy, iR; d jkT; @l žk 'kkfl r {ks= ds vñj uenuka dk p; u bl izdkj I s fd; k x; k fd bl eade I s de] tgkadgha I Hko gÜš , d xkeh.k] , d 'kgjh vÜš , d tutkrh; ifj; kstuk vk tk, A

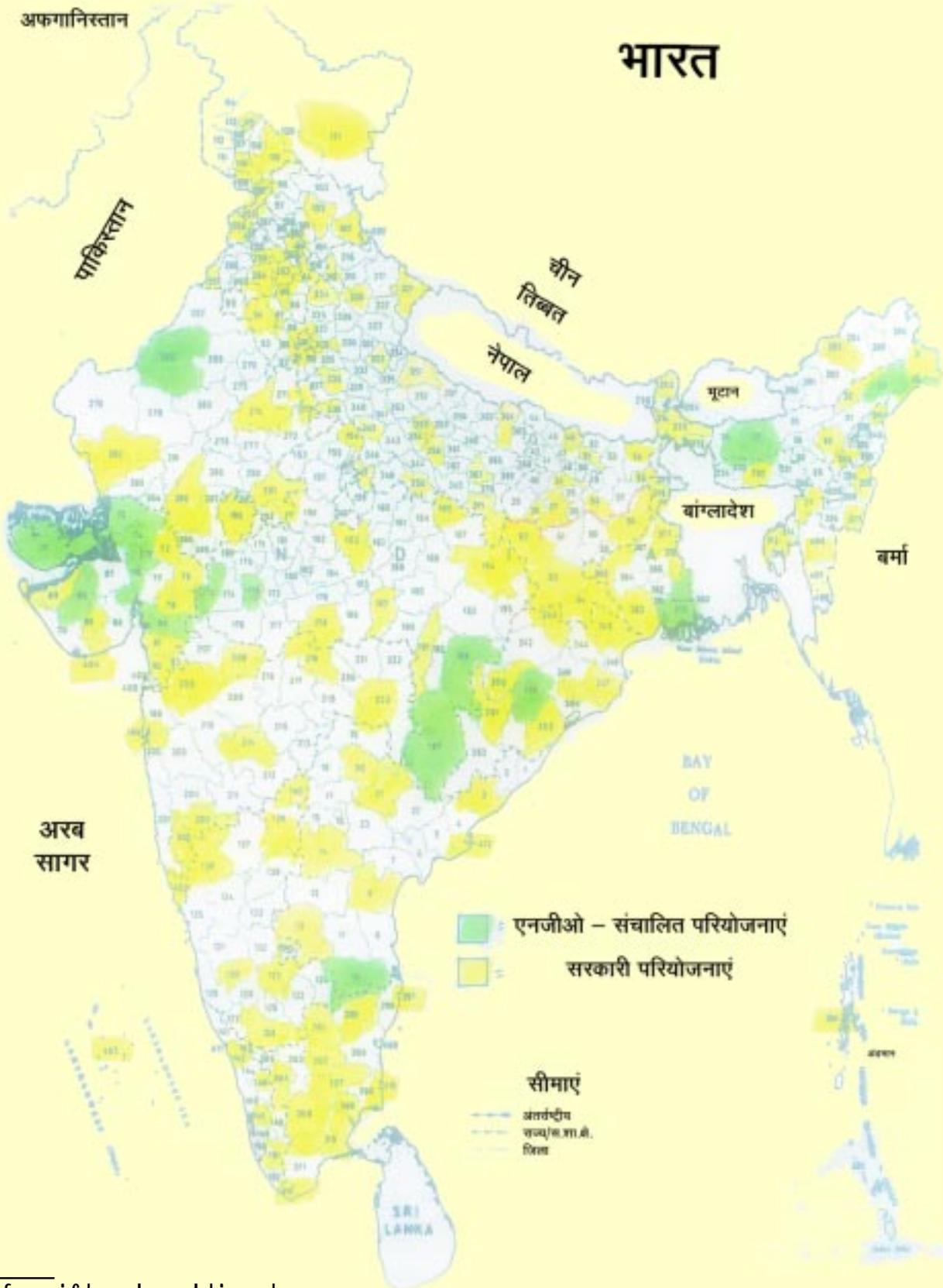
bl izdkj] uenuka ea 35 jkT; ka @l žk 'kkfl r {ks= ka ea 150 ftysdoj fd, x, A rhu Jf.k; ka ea I s iR; d Jskh I s yh xBz ifj; kstukvka dh I ; k fuEufyf[kr Fkha 92 xkeh.k] 36 tutkrh; vÜš 22 'kgjha I ešdr cky fodkl I ok dh ifj; kstukvka dk jkT; @fty&okj forj.k vuqk&1 ea fn; k x; k gA

2-2-4 vkauokMh; ka dk p; u

iR; d uenuk ifj; kstuk I s dy i k p vkauokMh dñka dk ; knfPNd p; u fd; k x; kA

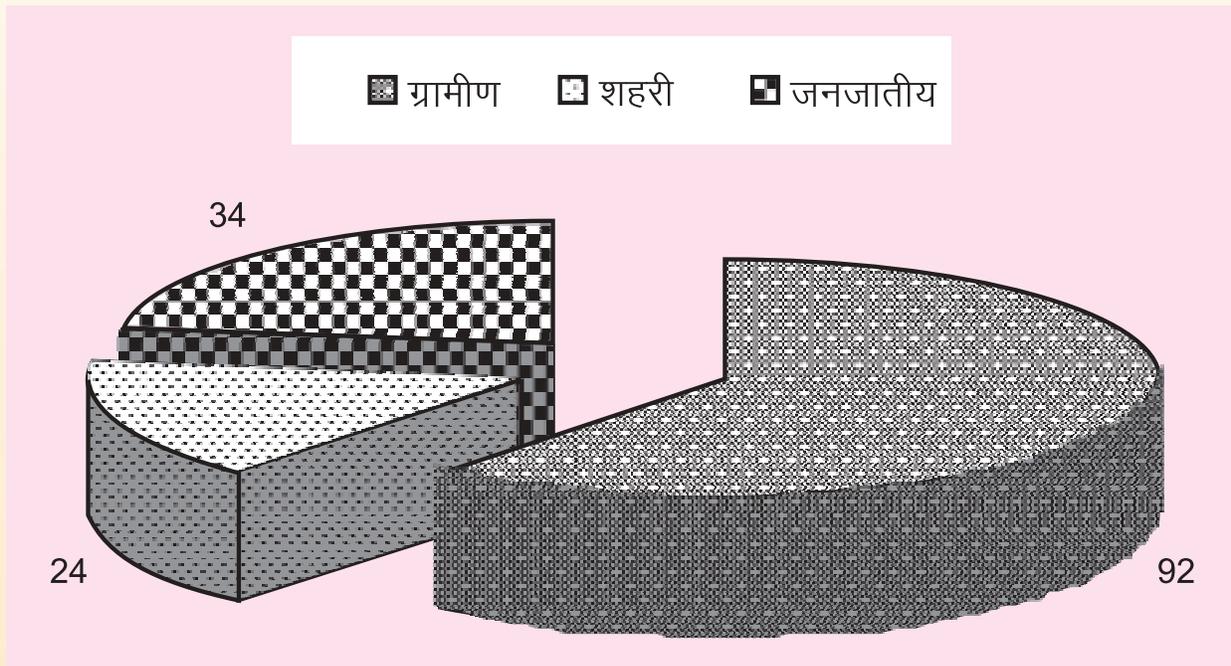


fp= 2.1 % | efd r cky fodkl ; kstuk ds uewuk ftyka ds rhu n'kd



ekufp= i kkus ds vuq kj ugha

fp= 2-2 % Lfkku ds vuq kj ueuk i fj; kstuk, a



i R; d i ; b'kdh; I fdy I s v'fed I s v'fed nks vkauokM+ d'bnkadk p; u djusdk iz kl fd; k x; kA bl izdkj I Hkh ueu\$ 750 vkauokM+ ka I s fy, x, FkA vkauokM+ ka dh i fj; kstuk&okj I p'ph vuq'ak&I ea nh xbz gA

2-2-5 y{; tul q; k

y{; I eW dh fofHku Jf.k; kaokyk fuEufyf[kr ueuk i R; d vkauokM+ d'bnz I s vè; ; u ea 'kkfey fd; k x; k%

pfuank vkauofM+ ka ds okLrfod ykHkxkfg; ka dk p; u] oxh'zr : i I s vkauokM+ dk; 'Drk&ka ds ykHkxkfg; kadh I p'ph I sfd; k x; k FkA vkauokM+ {ks= ds vanj} y{; I eW dh fuEufyf[kr Jf.k; ka dk , d ueuk] xgu I k'kRdkj vk\$ I p'uk ds fy, p'uk x; k FkA

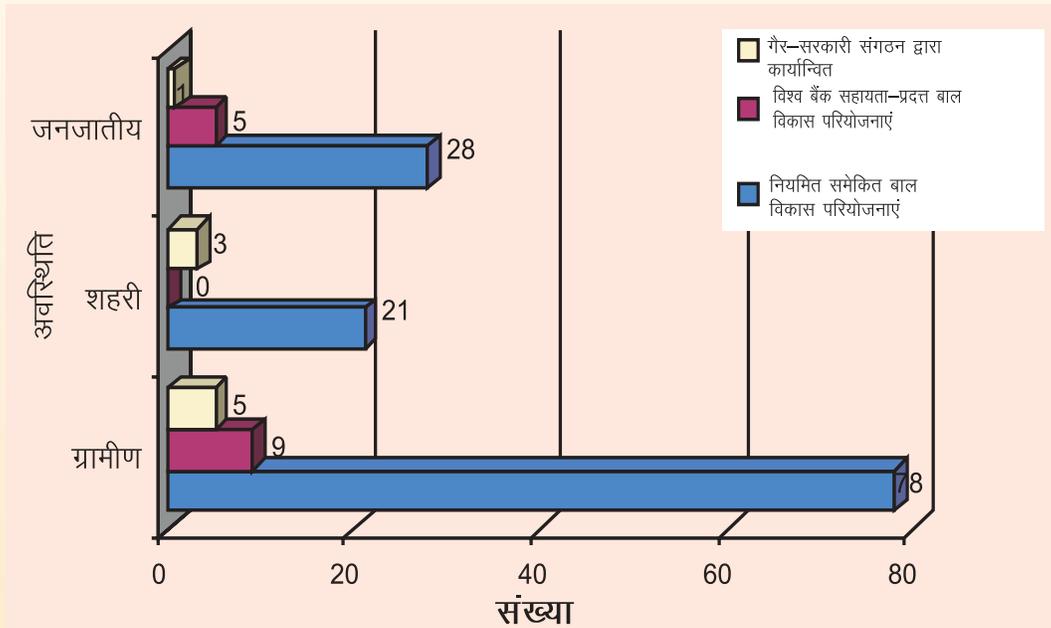
v/; ifroknh

ueus ea mi jkDr y{; tul q; k ds vykok I efdr cky fodkl ; kstuk ds ink'fedkfj; ka vk\$ I epk; @v'fHker us'kvka dks Hkh 150 i fj; kstukvka ds fy, vè; ; u ds v'rx'z doj fd; k x; kA

I kj.kh 2-2 % izaku ds izdkj ds vuq kj ueuk i fj; kstuk, a

Øe Ia	i fj; kstuk dk izdkj	xkeh.k	'kgjh	tutkrh;	tkM+
i½	fu; fer I efdr cky fodkl i fj; kstuk, a	78	21	28	127
ii½	fo'o cbl I gk; rk&in'lk cky fodkl i fj; kstuk, a	09	-	05	14
iii½	x\$&l jdkjh I xBuka }kjk dk; k'zlor i fj; kstuk, a	05	03	01	09
	tkM+	92	24	34	150

fp= 2-3 izdku ds izdkj vks LFku ds vuq kj uewk ifj; kst uk, a



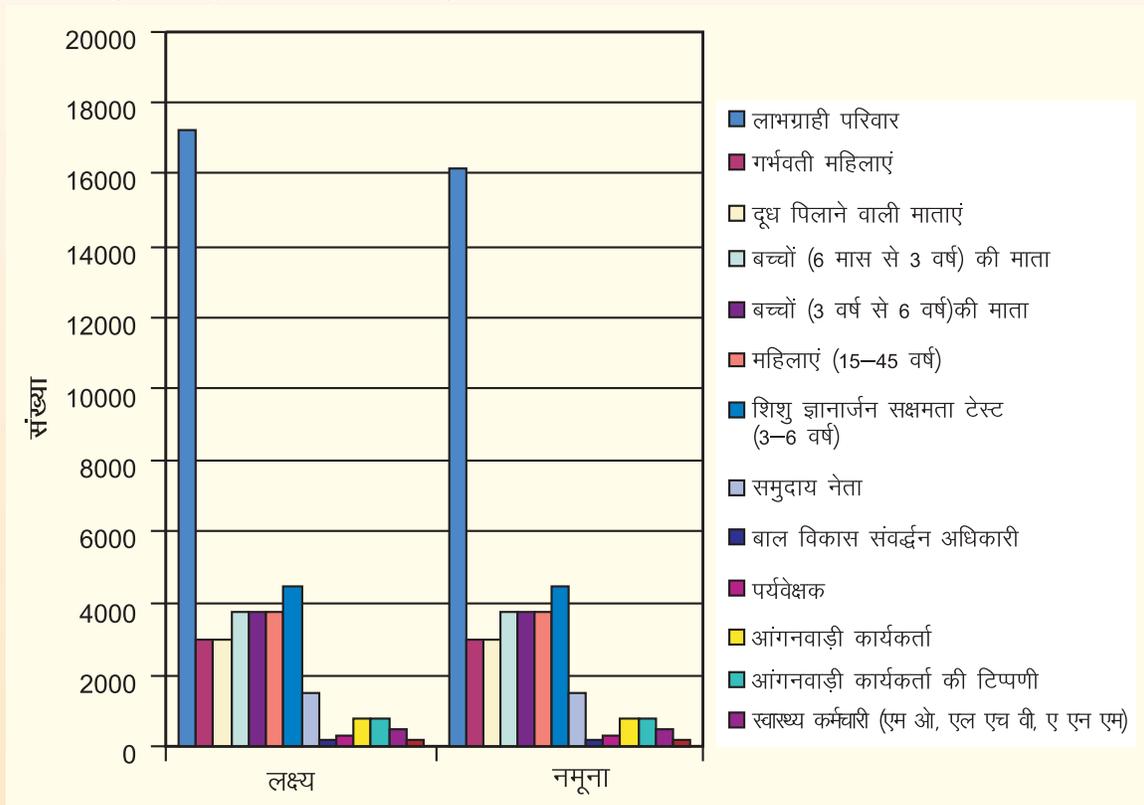
2-2-6 vkadMk I xg.k ds VWI

vè; ; u ds fy, vi\$kr I puk vks vkadMk , d= djus dh n"V I s mi; Dr i i=@vuq fp; ka r\$ kj dh xbZ Fkka blga mUkj n@s okys 0; fDr; ka ds I kFk I Ei k.k djusea I foekk inku djusdsfy, ykxw fd; k x; ka I k{kkRdkj dsvykokj vkacuokMh Lrj ij I dkkvka dh I q n'kxh I s I afekr I puk , d= djus ds fy, voykdu dsrjhds dk Hkh bLrky fd; k x; ka mi yCek fji ks/kj fjdkMk fn' kfun\$ kka vups kka vks vU; nLrkost ka dks vkadMk dk vfrfjDr I kr cuk; k x; ka vkadMk I xg.k ds fy, bLrky dh xbZ vuq fp; ka ds izdkj fuEufyf[kr Fk% i fjokj vuq ph ¼ p , I , I ½ LFkkuh; I efkZu vuq ph I efdr cky fodkl ; kst uk ds inkfedkfj; ka dh vuq fp; ka ¼ MGY; w MGY; vt] i; b\$kd I h ih Mh vkst ½ vlo\$kd izk.k vuq ph vks cPpka ds dk; &fu"iknu dh vuq ph vks LokLF; inkfedkfj; ka ds fy, vuq fp; ka ykxw dh xbZ vuq fp; ka dh Js kh&okj I q; k fp= 2-4 ea i Lr dh xbZ gA

pfuUnk vkacuokMh; ka ds okLrfod ykHkxkfg; ka dk p; u] vkacuokMh ykHkxkgh dk; ZrkZ/ka dh I ph I s oxhZdr : i I s fd; k x; k Fkka vkacuokMh {ks= ds vanj y{; I eng dh fuEufyf[kr J&.k; ka ds, d ueus dk p; u xgu I puk ds fy, fd; k x; k Fkka

{ks= ds I Hkh ifjokj ka dks , d I kFk tkMej Aij fn, x, y{; I eng uewka dh fuf'pr I q; k doj djusdsiz; kl fd, x, A mUkj n@sokys 0; fDr; ka ds: i eaxHkZorh vks Lruiku djkusokyh ekrkvka ds mi yCek u gksusdh fLFkfr ea 15&45 o"lz ds v; k; & I eng ea vfrfjDr I q; k ea efgykva dks fy; k x; k rkfd vè; ; u ds 20 efgyk ifr ; fuV ds ueus dks i jk fd; k tk I dA y{; tul q; k ueus dk I ok ds inkfedkfj; ka vFkZr vkacuokMh dk; ZrkZ/ka vks cky fodkl I dèkZu vfedkfj; ka ds ny ea mUkj n@s okys 0; fDr; ka dk , d I S/ Fkka pfuUnk ifj; kst ukvka I s I afekr inkfedkfj; ka ds uewka ea 748 vkacuokMh dk; ZrkZ 294 i; b\$kd vks 147 cky fodkl I dèkZu

fp= 2-4 % mÜkj nus okys 0; fDr; ka dh Jskh vksj vdkkj
 y{; vksj ftudk uewk fy; k x; k½



vfekdjkh 'klfey fka inklekdj; k&dk {k=&okj fohktu
 I kj .kh 2-3 ea fn; k x; k gA

I dk ds inkf/kdkfj; k½ vFkkR vk&uokMh
 dk; brrk;k½ i; b{kdka vksj cky fodkl I dkkvka

I kj .kh 2-3 % uewk Jf.k; k&vksj vdkkj y{; vksj ftudk okl ro ea uewk fy; k x; k½

Øe I a	vud ph dkm	mÜknrk dh Jskh	y{; i fj; kstuk	y{;	uewk
1	ch, p&1	yHkxgh ifjokj	115	17250	16138
2	chl h&2	xHkbrh efgyk, a	20	3000	2983
3	ch, y&3	nHk fi ykus okyh ekrk, a	20	3000	2975
4	chl h&4	cPpla % ekl I s 3 o%½ dh ekrk	25	3750	3733
5	chl h&5	cPpla % o%½ I s 6 o%½ dh ekrk	25	3750	3737
6	chMcy; &6	efgyk, a %15&45 o%½	25	3750	3771
7	chMh&7	f'k'k KluktU I {terk v&V %8&6 o%½	30	4500	4474
8	I h, y&8	I epk; usk	10	1500	1500
9	, QI h&1	cky fodkl I d)U vfekdjkh	1	150	147
10	, Q, I &2	i; b{kd	2	300	294
11	, QMcy; &3	vk&uokMh dk; brrk	5	750	748
12	, Qvks&4	vk&uokMh dk; brrk dh fvi .kh	5	750	748
13	, Q, p&5	LokLF; depkjH % e vksj , y , p oij , , u , e½	3	450	444
14	, vksch	vfrfjDr fvi .kh	1	150	150
		dy	287	43050	41842

vfekd kfj; ka ds ny eamükj nsusokys0; fDr; ka dk , d I S/ FkA pfulnk i fj; kst ukvka ds I eškr i nkfekdkfj; ka ds uewka ea 748 vka uokMh dk; Zlrkj 294 i; Zškd vksj 147 cky fodkl I eškr vfekd kfj 'kkfey FkA i nkfekdkfj; ka dk {ks=&okj fohkktu I kj.kh 2-3 ea fn; k x; k gA

I ešdr cky fodkl I ok dk; Že ea I epk; dh i frHkkfxrk dh Hkkxhnhkj vksj ml dh I hek dk eW; kađu djusdh n'V I š pph xbZ i R; šd vka uokMh I snks I epk; uskvka dk I k{kkRdkj fy; k x; ka blgš vè; ; u ea Hkkx ysusdsfy, mi yček jgus vksj bPNpd gksus dh 'krZ ds vèkhu] fuEufyf[kr ea I s pph x; k%

- & i èkku@ I jip
- & ; pk Dyc dk I fpo
- & Ldhj dk i èkkuk/; ki d
- & efgyk eMy dh vè; {k
- & i fr"Br@ekU; rki klr I epk; usk

vè; ; u ds fy, dy feykdj] 1500 I epk; i frufek; ka dk I k{kkRdkj fy; k x; k ¼ kj.kh 2-3¼A

2-3 VWI

vè; ; u ds fy, viškr I puk vksj vkadMs I ašgr djusdsfy, mi ; p r i ž =@vud fip; ka rš kj dh xbA blga fjd kMž 'khvka ds : i ea rš kj fd; k x; ka I k{kkRdkj ds vykok] vka uokMh Lrj ij I okvka dh I q pžh I s I eškr I puk I ašgr djus ds fy, i šk.k rjhds dk blrèky Hkh f; k x; ka mi yček fj i ks/kš fjd kMž fn'kkfunž kka vksj vU; nLrkost ka dks I puk dk vfrfjDr I kr cuk; k x; ka

ckjg vud fip; ka dk , d I S/ rš kj fd; k x; ka vè; ; u ds fy, I ašgr fd, tkus okys vkadMha ds foLrkj dks n[krsgq] vkadMha dk dEI; Wjhdj.k djus ea I fòekktud gksus ds fy, blga i gys gh dkdMhdir

fd; k x; ka VWI vksj vU; : i kRedrvka ij pplZ djus grq eq; ky; ka vksj {ks=h; dšnka ds I šk; I nL; ka ds fy, , d nk&fnol h; vud' k{k.k dk; Zkkyk vk; kštr dh xbA bl ds ckn eq; ky; ka vksj I Hkh {ks=h; dšnka ea I šk; I nL; ka }kj k VWI dk i mž i jh{k.k fd; k x; ka VWI ds i mž i jh{k.k ds ckn] VWI dks vāre : i nsus vksj vU; i pyukRed foj .ka ds fy, {ks=h; I elo; dka ¼/Fkž {ks=h; funškdž dh , d vU; dk; Zkkyk vk; kštr dh xbA epz.k ds fy,] Qkweš dks vāre : i nsus I sigys VWI dk OhYM i jh{k.k fd; k x; ka vud fip; ka vaxst h ea vksj foHkUu jaka ea Ni okbz xbA bl I smükj nsusokys0; fDr; ka ds I kFk vUoškdka ds vfekd fufozu I Ei šk.k vksj fopkj &foe'kz ea I fòek feyhA vud fip; ka ds i R; šd I S/ ds vñj enka dks bl rjhds I s j [kk x; k ft I s fo'ol uh; vkadMs I ftr gks I A vè; ; u ds fy, blrèky dh xbZ vud fip; ka dk foj .k uhps fn; k x; k gA

i fjokj vud p h ¼ p , I , I ¼ bl dk mīš ;
cPpka vksj i fjokj ds vU; I nL; ka ds I eškr ea i fjokj dh jpuk vksj i "Bhkfe dh vU; i fforžh; ckrka rFk egUoir .kz /kvukva ij I puk i klr djuk FkA bl eš i fjokj ds I eškr I nL; ka }kj k LokLF; i kškkkj vksj f'k{k tš h I okvka ds mi ; kx ds I eškr ea I puk i klr dh xbA

ykhkxkfg; ka ds fy, vud p h% ykhkxkfg; ka
dh foHkUu Jš.k; kš vFkž xHžrh vksj Lrui ku djkus okyh ekrkvkš 15&45 o"lz ds vk; q I eg dh efgykvkš 0&3 o"lz ds cPpka vksj 3&6 o"lz ds cPpka dks doj djus ds fy, i kp idkj dh vud fip; ka rš kj dh xbA blga mükj nsusokyh efgykvka vksj 6 o"lz I s de vk; qdscPpkadh ekrkvka ij ykxifd; k x; ka I ašgr dh xbZ I puk, i i fj; kst ukvka ds bui vka I s i klr fd, x, ykhkka dh xqkošk vksj I ešdr cky fodkl I ok dk; Že I s I eškr I okvka èkkj .kvka vksj fopkj ka dk mi ; kx djus I s I eškr FkA



fp= 2-5 % I efdr cky fodkl | 1 ok ds rhu n'kd % , d eW; kdu & I e; & I hek vlg i mko

क्रम सं.	कार्यकलाप	मई-05	जून-05	जुलाई-05	अगस्त-05	सित्त.05	अक्तू.05	नव.05	दिस.05	जन.06	फर.06	मार्च-06
1	प्रस्ताव के लिए उपाध्यक्ष व सचिव, महिला एवं बाल विकास विभाग से प्राप्त अनुरोध	■										
2	महिला एवं बाल विकास विभाग को टी ओ आर / परियोजना प्रस्ताव प्रस्तुत करना		■									
3	परियोजना का अनुमोदन			■								
4	तैयारी वाला चरण - टूल्स का प्रतिपादन				■							
5	कोर अनुसंधान दल की कार्यशाला					■						
6	टूल का पूर्व-परिक्षण						■					
7	क्षेत्रीय संभावनाओं की कार्यशाला							■				
8	संशोधित बजट का अनुमोदन											
9	अनुसूचियों का मुद्रण											
10	आंकड़ संग्रहण के लिए राज्य सरकार के साथ समर्क											
11	आंकड़ों का संग्रहण											
12	आंकड़ों के कम्प्यूटीकरण के लिए कम्प्यूटर एजेंसी, अर्थात न्यू कन्सेप्ट सिस्टम प्राइवेट लिमिटेड की पहचान											
13	आंकड़ प्रगति और सत्यापन											
14	आंकड़ों का वैधीकरण											
15	आंकड़ों का विश्लेषण और सारणीकरण											
16	रिपोर्ट लेखन और हस्तलिखित सामग्री की प्रोसेसिंग											
17	रिपोर्ट का मसौदा तैयार करना											

I epk; uskvka ds fy, vuɗ ɸh %bl dk mĩs; I ešdr cky fodkl I ɔk eamudh i frHkkfxrk vksj 'kkfey gkus ds I ɔək ea fofHkUu I ɔBuka vksj I epk; ds i frufek; ka l s QhMcšl i klr djuk gA vuɗ ɸp; ka dks fofuekkfjr fd, x, I ɔBukj vFkkz i pk; r] efgyk eMy] I gdkjh I fefr] i kFkfed Lɗny ; k vka uokMh Lrj ij LoSPNd I ɔBu ea l s fdUgha nks ds mi yčək i frufek; ka ij ykxw fd; k x; kA

i nkfekdkfj; ka ds fy, vuɗ ɸh% i nkfekdkfj; kš vFkkz vka uokMh dk; Zrkzvka i; Zškdka cky fodkl ij; kstuk vfekdkfj; ka vksj LokLF; I ɔəkH dk; Zrkzvka vFkkz i kFkfed I oLKF; dšn] , y, p oh ds i Hkkoh pfdRI k vfekdkjh vksj mi & dšnka dk , -, u-, e- l s l ɸuk I ɔfgr djus ds fy, pkj vuɗ ɸp; ka rš kj dh xbZ Fkha buea i kOkby vksj dk; Že ds dk; kŵo; u ea muds }kjk fuHkkbzxbZHkkfedk nh xbA bl ; kstuk ds dk; kŵo; u ea mlga i s k vkbZ l eL; kvka ds l ɔək ea QhMcšl Hkh fy; k x; kA vka uokMh dk; Žkkz/ka dh vuɗ ɸh ea xkə dh egŵoi wZ l kš[; dh ij folr r I ɸuk vksj vka uokMh eami yčək vol ĵpukRed I ɸoekk, a' kkfey dh xbA i xfr dh ekuhVfjɔ] Lɗny&i wZ f'k{k} i kškgkj vksj LokLF; f'k{k} vkfn l s l ɔfəkr dk; kš ij dk; Žkfj; ka ds dks kyka dk eŵ; kaɗu Hkh fd; k x; kA vŵoškdk cky KkuktZu I {kerk ij h{k.k ¼ h-, y-l h-Vh-½ i kOkelZ dh l gk; rk l s ; kstuk ds vuks pkfjd Lɗny&i wZ f'k{k} l ɔkVd dh xq koŪkk dk i rk yklus ds fy, 'kkj hfjd] eksj vksj vFkkKku ; kš; rkvka ds fy, pɸs x, cPpka ds dk; &fu"i kn dk i ɔk.k Hkh fd; kA

I ešdr cky fodkl I ɔk dk; Že dh l Qyrk bl l hek rd i Hkkfor gɸ] ftl l hek rd bl us i zkk l fud] foŪkh; vksj l ɔk l i ɸzkh buiɸ tš s tu'kfDr] i f'k{k.k} vol ĵpukRed I ɸoekk, ĵ LokLF; vksj vŵ; I Ec) foHkkxka ds l kFk l elo; vksj

duotā] eukofŪk vksj 'kkfey gkus vkfn i klr fd, A bu igyɸka ij foj.k , d= djus dh nŵV l s l Hkh 35 jkT; ka l ɔk 'kkf l r {ks=ka l s vfrfjDr l ɸuk i klr djus grq vŵ; i kOkelZ fodfl r fd; k x; k vksj I ešdr cky fodkl I ɔk l s l ɔfəkr funškdka dks Hkstk x; kA bu l ɸukvka dk vkxkeh o'kkā ea l ešdr cky fodkl I ɔk uhr&fuekkj .kj dk; Že ; kstuk rš kj djus vksj dk; kŵo; u ij 0; ki d i Hkko i MəkA

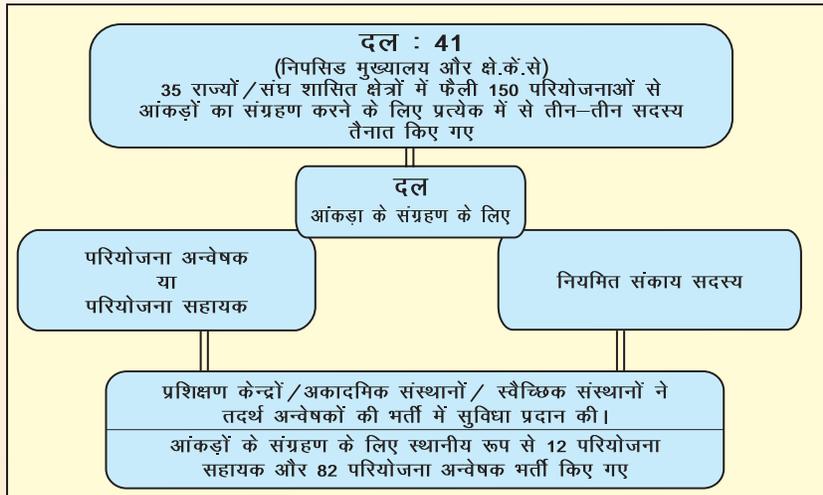
2-4 i pyukRed foj.k

; g dgusdh vko'; drk ughagšfd bl i zkj dh vuɗ əkku ; kstuk ds dk; kŵo; u ea l Hkkjra-ka vksj vŵ; i pyukRed foj.kka dh l koəkuhi wZ ; kstuk cukusdh vko'; drk Fkha bl ds fy, jk"Vh; tu l g; ksx , oa cky fodkl l ɔFkku ds vuɗ əkku }kjk vka dMha ds l ɔg.k dks l ɸoekk tud cukus ds fy, I ešdr cky fodkl I ɔk ds l kFk t ɸs gq fofHkUu jkT; I jdkjka ds foHkkxka l s l g; ksx dh vko'; drk Fkha bl l ɔək ea efgyk , oacky fodkl ea=ty; }kjk rjŵr tkjh dh xbZ l ɔ ɸuk@ifji= ; g l ɸuf'pr djusea cgr gh ykHknk; d fl) gɸk fd vka dMha ds l ɔg.k ds nks ku I ešdr cky fodkl I ɔk ds l ɔfəkr i nkfekdkfj; ka dks vko'; d l gk; rk feyA

i js nš k ea Qsys i f'k{k.k dšn] vdknfed l ɔFkku vksj LoSPNd , tš l ; ka ds l kFk jk"Vh; tu l g; ksx , oa cky fodkl l ɔFkku ds us/ofdɔk us fofHkUu ij; kstukvka ea vka dMha ds l ɔg.k ds fy, LFkkuh; : i l s fdjk, ij fy, x, rnFZ i fjx.kdka dh Hkjr h ea vksj vfed l ɸoekk inku dhA inku fd, x, l g; ksx us dɸy mi; ɸr 0; fDr; ka dh i gpku djuseagh l gk; rk ughadh cfYd vuɗ əkku ny ds i f'k{k.k ds fy, LFkku mi yčək djkus vksj l k{kRdkj vk; kš tr djus ea Hkh l gk; rk dh ¼kŵl 2-1¼A



बाक्स 2.1 : प्रचलनात्मक विवरण: जनशक्ति प्रबंधन



vkadMka dk I xg.k djus ds
fy, nyka us fl rEj 2005 I s 15
tuojh 2006 rd fofHkUu
ifj; kst ukvka ea I kFk&l kFk dke
fd; kA vkadMka ds I xg.k ea dgy
feykdj I k<s rhu eghus dk I e;
yxk; k x; kA

2-6 vkadMka dh xqkoUk I quf' pr djuk

fo'ol uh; vkj vPNh xqkoUk
okysvkadMka I ftr djustvkj I xgr

2-5 tu'kfDr ; kstuk

vud akku vkj QhYM dk vutko j [kus okys
jk"Vh; tu I g; sx , oa cky fodkl I LFkku ds
ed; ky; vkj ml ds {ks=h; dlnka ds pofuUnk I adk;
I nL; ka dks ve; ; u ea 'kkfey fd; k x; kA iR; d
ny ea rhu I spkj I nL; ka okys vud akku nyka dks
35 jkT; ka I k 'kfl r {ks=ka ea QsYs 150 I efdR
cky fodkl I ok cykka I svkadMka dk I xg.k djust
ds fy, rdkr fd; k x; kA iR; d Vhe ea ; k rks
jk"Vh; tu I g; sx , oacky fodkl I LFkku dk , d
fu; fer I adk; I nL; Fk ; k , d ifj; kstuk I gk; d
vkj ifj; kstuk Lrj ij LFkkuh; : i I s HkrhZ fd,
x, nks I s rhu vud akku vloSkd
Fks 1/4 kj.kh 2-3/4 {ks=h; dlnka ij
{ks=h; funskd vkj ed; ky; ea
ofj" B I adk; I nL; ka dks ifr
ifj; kstuk 12 I s 15 fnu ds fuekZj r
I e; ds vj vkadMka ds I xg.k
dk dke Bhd <x I s ijk djust
fy, nyka dk I ello; u djust
ekuhvfjx djust vkadMka I xg.k dk
i; bsk.k djust vkj I adkr jkT;
I jdkj ds I kFk I Ei dZdk; e j [kus
dk dke I ka k x; k Fkka

djustfy, dN mik; fd, x, 1/4k I 2/4 jk"Vh;
tu I g; sx , oa cky fodkl I LFkku us vud akku
ifj; kstuk dsdk; kko; u dh ekuhvfjx dh vkj I ello;
fd; kA ve; ; u ds nk; j; Mtkbu vkj VWI dh
; kstuk I adk; I nL; kavkj {ks=h; I ello; dkadsijke'kZ
I srS kj dh xBA bl ds vykok vkadMka ds I xg.k ds
dk; Z dh ifO; k vkj VWI ij ppkZ djust ds fy, nks
dk; Z kkyk, a& , d] ppsx, I adk; I nL; ka vkj nI jh
I ello; dka ds fy, vk; k ftr dh xBA vkadMka d
I xg.k ds I kFk tMs vud akku nyka ds I Hk I nL; ka
dks vud fip; ka Hkjus vkj bl ds dksMax Ye ij tkj

बाक्स 2.2 आंकड़ों की गुणवत्ता

किए गए उपाय:

- ⇒ विस्तृत दिशानिर्देश तैयार करना
- ⇒ पूर्व-कोडिकृत साक्षात्कार अनुसूचियां तैयार करना
- ⇒ राष्ट्रीय जन सहयोग एवं बाल विकास संस्थान के संकाय सदस्यों और क्षेत्रीय समन्वयकों की अभिमुखीकरण कार्यशाला आयोजित करना
- ⇒ फील्ड स्टाफ को गहन प्रशिक्षण प्रदान करना
- ⇒ अनुसूचियों की प्रविष्टियों में भूल-चूक का पता लगाने के लिए एडिटिंग करना
- ⇒ 'विलपर' साफ्टवेयर की सहायता से प्रविष्टि और वेधीकरण के समय आंकड़ों का पुनः वैधीकरण करना
- ⇒ प्रत्येक कोडिकृत प्रत्युत्तर की रेंज/निरंतरता की जांच करना
- ⇒ 10 प्रतिशत प्रविष्टियों की मैनुअल जांच करना

neus rFkk QkdI djus ds mīs; I s fMtkbu dks dk; kZUor djus dh ifØ; k ea if'k{k.k fn; k x; kA vřHkeq[khdj.k ea ekUd I k{kRrdkj vk; kštr djuk] vuq ŋip; ka dh dksMak dh iSDVI vkfn 'kkfey FkA vkadMka ds I xg.k ds fy, fn'kkfunž kka vksj vuqps kka okyh , d fu; e&iŋrd rš kj dh xbZFkh vksj rRdky I mHkZdsfy, I Hkh I æækr 0; fDr; ka dks inku dh xbZ Fkh nš[ka vuqçak&2A

ifj; kstuk Lrj ij vkadMka dk I xg.k 'kq djusI sigysny dsurkvka us ifjx.kdka dks if'k{k.k inku fd; kA mul sviškk dh xbZFkh fd os ifjx.kdka }kjk ykxw dh xbZ iR; d vuq ŋph dh tkp dja vksj ml ij ifrgLrk{kaj dja i; bškdka ŋuifl M ds ofj"B I æk; I nL; ka ; k ifj; kstuk I gk; dkkž us vè; ; u ds dk; kZU; u dk i; kbyksdu djus ds fy, fořHku vkadMk I xg.k LFkyka dk nš[k fd; kA

vuq ŋip; ka dh i fořV; ka ea Hkoy&pad dk irk yxkus ds fy, xgu , fMfVx dh xbA vkadMk I xg.k dk dk; ZI ekr gks tkus ij vkadMka dh fDyfuax ds fy, I ħFkku dse[; ky; ds Lrj ij vksj bl ds pkj {ks-h; dšnka ij nks&nksfnu dh vofek dh dk; Zkkyk, a pykbZ xbA vkadMka dh fDyfuax dk mīs; vkadMka ea ifj'kq rkl fo'ol uh; rkl vkarfjd vksj ckg; I q ærrk rFkk , d; irk dks I ŋuf'pr djuk FkA bl ds vykok] bl I s i fořV vksj I kj .khdj.k ds fy, vkadMka dh fQVud ea Hkh I qkkj vk; kA I Hkh vuq ŋip; ka ds iR; d dksMdr iR; ŋkj dh jæt@ I q ærrk dh tkp djus ds fy, fo'kšk : I scuk, x, I kŋVos j dk bLreky djds vkadMka dh i fořV ds I e; i q% mudk oškhkj.k fd; k x; kA bl ds vykok] vkadMka dh i fořV ds nš[ku gksus okyh xyrh dks nŋj djus ds fy, MkVkd I kjf.k; ka ŋujarj 'khV ij ½ ea yxHkx 10 i fořV; ka dh ešuyy tkp dh xbA

2-7 dEI; Wjhdj.k vksj fo'yšk.k

vè; ; u ds fy, dEI; Wjhdj.k vksj vkadMka dk fo'yšk.k djus gŋq I ħFkku us eš I Z U; w dUI šV buQŋvešku fl LVe dh igpku dhA mDr , tđ h ds nksLVkQ I nL; ka vksj i ækku fl LVe , ukfyLV dks; g dke I kš k x; kA os vuq ækku ny ds vřHku I nL; cu x, vksj mŋgkaus; kstuk ds vksj ħkd pj.k I sydj vkadMka ds fo'yšk.k rd jk"Vh; tu I g; kx , oacky fodkl I ħFkku us vuq ækku ds I æækr I æk; I nL; ka ds I kFk fudV I Ei dZea dke fd; kA mudk rdudh buiŋ vkadMk i fořV , tđ h dh igpku djuš MkVkd Qkbya I ftr djus vksj I kjf.k; kx xkQ vkfn I ftr djus ea ykHknk; d I kŋr gŋka

vkadMka dh MkVkd ¼ d ykdfiž, fjyskuy MkVkd i šst ½ ea i fořV dh xbA ifj.kkeh MkVkd dks vksx fo'yšk.k djus ds fy, mi ; qđ Qkby Qŋveš ea i fjořr fd; k x; kA vřre I kjf.k; ka I ftr djus ds fy, , I -ih, I -, I - uked , d ykdfiž, I kŋVos j ¼ kelftd foKku ds fy, I kš[; dh; i šst ½ dk bLreky fd; k x; kA

vkadMka dh Qkbyka ds Qŋveš bl rjhd I s rš kj fd, x, fd vkskeh fo'yšk.k ds fy, vkadMka dk bLreky fořHku rjhdka I sfd; k tk I dA ekšmŋk vè; ; u ds vykok vU; mīs; ka ds fy, eŵ; oku I ŋuk dk b"Vre mi ; kx djus dh eđkk I s MkVkd dks ifj; kstuk&okj I ftr fd; k x; kA bl sjkT; vksj ifj; kstuk Lrj ij vyx&vyx fd; k tk I drk gA I ešdy cky fodkl I ɔk ds I kFk tŋs jkT; I jdkj ds fořHkx] 0; fDr@, tđ I ; ka efgyk , oa cky fodkl ea-ty; I s vuqfr iklr djus ds ckn bu I ŋukvka dks iklr dj I drh gA

2-8 eŵ; kaɖu dsekun.M@I dŋrd

I ešdr cky fodkl I ɔk dh I Hkh I ɔkvka dks doj djus dh nřV I sbuiŋ] vkmViŋ vksj ifj.kke



ekWly dk bLræky fd; k x; k vks fuEufyf[kr buiW] vkmViW rFkk ifj.kke I dsrdka dk p; u fd; k x; k%

2-8-1 buiW I dsrd

- ifj; kstuk dk LFkk
- inkf/kdkfj; ka dh i kQkby & vk; ij 'kS{k d ; kx; rk] dksky] if' k{k.k vkfnA o"kk dh I ; k vks] vutko
- vol jputRed I foekk, j vkauokMh dlnka dk I S/ vi] midj.k vks] vki firz ka
- I eFkLkRed i; bSk.k
- i; bSkd ds nks] ka dh I ; k] buiW/ka dk idkj vkfn
- fofHku I okvka ds fy, vkcVr I e;
- LokLF; vks] vU; I Ec) fofHkxkads I kFk I ello; vks] duotI
- I epk; vks] LVdgyMjka dk I eFkL
- dk; Dæ ea y{; I eW dh ifrHkfxrk vks] ; kxnku
- ek=k vks] , I -, u-i-h & xqkoUkk rFkk fu; ferrk
- vkauokMh dk; brrk & gYij ds Kku dk Lrj
- inkfekdkfj; ka dh eukofUk vks] mudk 'kkfey gkuk
- i-h, I -bz vks] nokb; ka dh fdV dh vfeki kfr

2-8-2 vkmViW I dsrd

- I ok, j U; whdj.k] LokLF; tkp] vuqjyd i kSkkgkj] jQjy I ok, j i kQySDI I %oVkfey,] ykS] vk; kMhu] QkMyd, fl Mj] Ldny&i dzf' k{k }kj k y{; I eW dk dojst
- ik=rk ds eki n.M vks] ekun.M ds fgl kc I s igp

- mi fLFkr dk i S/uz vks] I okvka dk mi ; kx
- ik= ykHkxkfg; ka dk i athdj.k
- ek=k] xqkoUkk] fHkUrk vks] Lokn rFkk Hkstu ds ifrLFkki u ds fgl kc I s ijyd i kSkkgkj dh Lohdk; r k
- , -, u-, e- ds nks] ckjEckjrk vks] buiW

2-8-3 ifj.kke I dsrd

- ekrkva dh eR; qnj
- er i nk gq cPpka dh nj
- I okvka dh i; bSk.k dh xbZ ink; xh
- ijke'kh I okvka ds: i e] xHkzrh vks] Lrui ku djkus okyh ekrkva dks mi ycek i z o&i dz vks] i z okskj I ækh nS kHky dh I hek
- dq kSk.k dk ipyu & cPpka %D&6 o"kh ds chp vk; q ds fy, Hkjk ka d
- 'kS ko voLFk I ækh nS kHky vks] nmk fi ykus rFkk nmk Nq/kus dh i) fr; ka
- cPpka eafodykærk dk vkj Hk eagh i rk yxkuk
- i kFked Ldnyka ea nkf[ky] Ldny ea cus jgus vks] MRI vkmV dh nj
- i kFked Ldnyka ds nkf[kys ij Ldny&i dzf' k{k dk i Hkko
- 3 I s 6 o"kh ds cPpka dh KkukRed vks] Hk'kk I ækh I {kerk
- iztuu I ækh LokLF; eQ kadsckjseafd' kksj ; ka vks] ekrkva dk Kku vks] tkx: drk



2-8-4 vU; ekun.M

mijka I phc) fd, x, I dsrdka ds vykok fuEufyf[kr igyqka dk Hkh eW; ka du fd; k x; k%

- I efdri cky fodkl I ok@ cky fodkl dk; De dks ifjokjka }kjk inku dh xbZ I eFkZ I ok
- ofpr oxZ dks doj djus ea vkus okyh ckekkvka ds I æk ea I epk; ds usrvka dh ækkj .kk, a
- vka uokfM+ ka ea fd 'kkj; ka dk ; kxnku
- I efdri cky fodkl I okvka dh ink; xh ea i nfkedkfj; ka dks i s k vkbZ I eL; k, a
- iZ fir ds I e; vkj iZ ookBkj vofek ds nks ku efgykvka ds ifr fn; k x; k e; ku
- I efdri cky fodkl I ok dsdk; k; u ea I epk; ds usrvka@ i pk; rhjkt I kFk vka dk ; kxnku
- viuh I okvka ds I efdy cky fodkl I ok dk; De ds ykHkxfj; ka dh ækkj .kk
- i kp o"z dscPpkads thou I sl æfkr ykHkxfj; ka dh ækkj .kk
- xteh.k fodkl foHkx] eDkØSMV %Lo; & I gk; rk I emj/ ckydk I ef) ; kstuk] efgyk i kS] kfxd i kd] jkstxj I tu ; kstukvkvj vU; dk; De ka rFk I okvka }kjk inku dh xbZ I okvka@ dk; De ka dk mi ; kx] ftul s duotI vkj , dh dj .k gkrk gks
- dk; De ds dk; k; u ea fodf r dh xbZ vfhkuo i) fr; ka

2-8-5 vkadMka dk I kjka khdj .k

vkadMka dks igpku fd, x, bui t/ vkmVi t/ vkj vkmVde I dsrdka ds fy, I kj .khd r fd; k

x; k Fkka dN ekeyka ea ckbofj , V I kjf.k; ka cukbZ xbZ gA 0; k [; k djus ds mif; I sl jy I ka [k; dh; mi k;] tS sckj Eckj rkvk i fr'kr rkvk vkS rka vkj jat ka dk bLreky fd; k x; k gA bl ckr dk iz kl Hkh fd; k x; k gSfd tgka dgha I lko gkS vkadMka dks xkOkads: i ea i Lr r fd; k tk, A xteh.k] tutkrh; vkj 'kgjh ifj; kstukvka ds fy, vyx I s fo'ySk.k Hkh i Lr r fd; k x; k gS vkj , d jk"Vh; Lrj dh rLohj mi yCek djkus ds fy, feyk fn; k x; k gA tgka dgha I lko gkS ekSt ink ve; ; u ds fu"d"kk dh jk"Vh;] jkT; vkj ifj; kstuk Lrj ij fd, x, vU; eW; ka du ka ds ifj .kkeka ds I kFk rgyuk djus dk iz kl Hkh fd; k x; k gA

2-9 ve; ; u dh I hek, a

ve; ; u ea dN ckekk, a Hkh I keus vkbZ gA %tS s vkadMka ds I xg.k ds nks ku ns k ds io r h; {ks= ea dfBu Hkx&Hkx vkj nf{k.kh rVh; cYV ea xgu o"kkZ ft I us dHk&dHk ve; ; u ds fuckek vkadMk I xg.k dks i Hkfor fd; k gA vkadMka ds I xg.k ea eaf; ckekk nijnjkt ds tutkrh; {ks=ka ea vkj i okBkj {ks= ds dN Hkx ea uDlyokfn; ka vkj vkadokfn; ka dh ekSt inkh jgh gA

vkadMka ds I xg.k ea ifjx.kdka dks I foekk inku djus dh nFV I s I Hkh I k{kRdkj vuq fip; ka dh ekLVj ifr dk LFkkuh; Hk"kvka ea vuokn dj; k x; k Fkka rFkfi] pnd vkadMka ds I xg.k ds dke ea vuq yx xsgq Fk bl fy, dN ekuoh; Hkayans[kh xb] ftlga vkadMka ds fDyfa ds nks ku I ækkj fn; k x; kA ni jh ckr ; g gSfd vuq æku ny ds I nL; ka ds fy, vkokl dh 0; oLFk ifj; kstuk {ks= ea ugha dh tk I dh] D; ka d bl ea vuq ckekk, a Fkka vuq æku ny dks dHk&dHk cgr yEck Qkl yk r; djuk gkrk Fkka



2-10 fji kVZ dk i Lr qhdj .k

vè; ; u dsmíš ; ka dsvud kj xkeh.kj tutkrh; vksj 'kgjh ifj; kst ukvka ea I ešdr cky fodkl I ok ds dk; kD; u ea gq varj dk irk yxk; k x; kA jk"Vh; Lrj dh fLFkr irk yxkus ds fy, vkadMka dks feyk Hkh fn; k x; kA foHkUu igyqka l s l afekr fu"d"kZ fji kVZ ds ckn okys Hkkxka ea fuEufyf[kr 'kh"ka ds varxh i Lr q fd, x, gA

- vol jpkuk vksj mUkj nsus okys 0; fDr; ka ds i kOkby
- I okvka dh ink; xh vksj ifj .kke & , d eW; ka du

- I ešdr cky fodkl I ok ds ykHk vksj ifj .kke
- vfHkuo vksj I ok dke i) fr; ka
- fu"d"kZ vksj fl Okfj 'ka

I ešdr cky fodkl I ok dk; D;e dseW; ka du ds fy, egUoi wkZ ekus tkus okys pfunk I d;rdka %zuqak 3½ dk fo' ySk. k djus ds ckn gh fji kVZ r\$ kj dh xbz gA rFkfi] vkadMka ea ; g I Hkk0; rk gS fd ml l s jkT; &okj vksj ifj; kst uk&okj vkxs fji kVZ r\$ kj dh tk I drh gA



v/; k; 3

vk/kkj Hkur I ĵpuk
, oa mÙkj nkrkvka
dh i kQkby



3-1 vol ĵpuk

- 3-1-1- iŝ ty
- 3-1-2- I Mela
- 3-1-3 vka uokMta dštnka dh Hkkšrd I ĵpuk
- 3-1-4 vka uokMta dštnka ea LFkku dh mi yČekrk
- 3-1-5 midj. kka rFkk I gk; d ; æka dh mi yČekrk
- 3-1-6 crZuka dh mi yČekrk

3-2 i nkf/kdkfj; ka dh : i jŝkk

- 3-2-1 deŷkfj; ka dh fLFkfr
- 3-2-2 if'kŝk.k dh fLFkfr
- 3-2-3 vka uokMta dk; ņrkvka dk p; u
- 3-2-4 dk; ņrkvka dh 'kŝŝkd ; kŝ; rk
- 3-2-5 i ; bŝkd
- 3-2-6 cky fodkl ifj; kstuk vfekdj h
- 3-2-7 I eŝdr cky fodkl I ōk ifj; kstukvka ds I æak ea vU; C; kŝs



3-3 ykHkxkfg; ka dh : i jŝkk

- 3-3-1 ueuk ?kja ea yŝ; vkcknh
- 3-3-2 ueuk ?kja dk eŝ; 0; ol k;
- 3-3-3 I gk; d 0; ol k;
- 3-3-4 ?kjsyw ifj I Ei fŰk; ka
- 3-4 I eŝdr cky fodkl I ōk ea I ello;
- 3-5 I eŝdr cky fodkl I ōkvka dk vŝHkl j.k
- 3-6 I keŷkf; d I ghkkfxxrk
- 3-7 I kjk k

vk/kkj Hkur I j puk , oamUkj nkrkvka dh i kQkby

3-1 vk/kkj Hkur I j puk

vk/kkj Hkur I j puk fo | r] i fjogu] edku] I Mel i s ty] bR; kfn t s h vud I okvka dsfy, , d 0; ki d 'kCn gA fdl h jk"V" dh I ef) ds fy, vkekkj Hkur I j puk dk fodkl , oa foLrkj i mka s {kr vko'; drk gA , d k n s [kk x; k gSfd vk/kkj Hkur , oafodkl ds chp fyad LFKfir djus dk dkbz vfire iz kl ugha gA ; g , d I rr- i f 0; k g s r Fkk fodkl kRed dk; ka ea igys ixfr vkj Hk dh tkrh g s v s j bl ds I k Fk & I k Fk , oa bl ds ckn vk/kkj Hkur I j puk dk fodkl fd; k tkrk gA I e s dr cky fodkl I ok dk; De ds vk; kst d I j puk Red I foekvka , oa cPpka ds I exz fodkl ds chp fyad ds fo" k; ea i j h r j g I s voxr FkA Hkkjr I j dkj ds vU; foHkkxka ds I k Fk I ello; , oa l g; k s x ds I mHkZ ea e fgyk , oa cky fodkl foHkkx 1/4 c ea-ky; 1/2 dh dk; Z ufr ea i Hkkoh vk/kkj Hkur I j puk ds fodkl dks mPp i k Fk fedrk nh xbZ r kfd cPpka ds I exz fodkl g r q v u p h y f L F k r c u k b z t k I d A

vk/kkj Hkur I j puk xr I gk; rk ea of) ds fy,] I e s dr cky fodkl I ok dk; De dk vU; fodkl kRed dk; De ds I k Fk I a kst u dks i m b r h z ; kst uk vofek; ka ea i e d [k j . k u f r ds : i e a m i ; k s x f d ; k x ; k A I okvka dk v f H k l j . k v k / k k j H k u r I j p u k R e d f o d k l r F k k c P p k a , o a e f g y k v k a d s t h o u d h x q k o U k k e a I e k k j d j u s d s , d e k e ; e d s : i e a l e > k x ; k A p i d f d l h H k h d k ; D e d s I Q y f 0 ; k U o ; u g r q i ; k r v k e k k j H k u r I j p u k x r I f o e k k , a i m k a s { k r v k o ' ; d r k , a g k s r h g s j b l v e ; k ; d s b l H k k x e a l e s d r c k y f o d k l I o k { k s = k a e a f o f H k U u I f o e k k v k a d h m i y C e k r k d k v k d y u d j u s d s f y , i z k l f d ; k x ; k g A

LoPNrk I ca kh I foekk, a

LoPNrk I ca kh I foekk, a xteh.k , oa tutkrh; {ks=ka ea eR; qnj , oa #X. krk nj dks de djus dsfy, I okfekd egUoi w k z g A u b z l g l k C n h d s v k x e u g k s u s r F k k I e k k j d k ; D e v k j H k g k s u s d s c k n , d n ' k d c h r t k u s i j H k h j x t e h . k v k c k n h d s e k = 2 5 i f r ' k r H k k x d k s i ; k r L o P N r k I c a k h I f o e k k , a m i y C e k g k s l d h j t c f d ' k g j h { k s = k a d h 7 0 i f r ' k r v k c k n h d k s L o P N r k I c a k h I f o e k k , a i k l r g p A t u t k r h ; v k c k n h o k y s y x H k x 1 8 i f r ' k r x k o k a d k s ; g l f o e k k m i y C e k d j k b z x b A ; g f ' k ' k q e R ; q n j r F k k n L r j t k s v f e k d k a k r % e d ; I c a k h d b n h ; I D e . k d h o t g l s g k r k g s d s i e d [k d k j . k d k s d e d j u s d s f y , r k R d k f y d f p u r k d k H k h f o " k ; g A

v e ; ; u l s i k l r v k d M k a l s ; g i r k p y k f d d o y 3 1 i f r ' k r i f j o k j k a e a ' k k s p k y ; d h l f o e k k F k h A f u ; f e r l e s d r c k y f o d k l I o k i f j ; k s t u k v k a d s v r x r 3 0 i f r ' k r x k o k a e a e y o k f g r t y f u d k l @ v i o k g r a = d h f j i k s / z f e y h j t c f d b u i f j ; k s t u k v k a d s f o ' o c e d l g k ; r k i n U k 2 7 i f r ' k r x k o k a e a , d h l f o e k k , a m i y C e k F k h A x s j & l j d k j h l a B u k a } k j k d o j d h x b z i f j ; k s t u k v k a d s n l x k o k a e a l s p k j x k o k a 1 / 4 1 - 9 i f r ' k r 1 / 2 e a H k h ; s l f o e k k , a m i y C e k F k h A t c f d v k a u o k M k d b n k a e a l s 4 1 i f r ' k r d b n k a e a ' k k s p k y ; d h l f o e k k , a H k h F k h j b u e a l s 1 7 i f r ' k r l f o e k k , a v l r k s k t u d F k h a r F k k 5 9 i f r ' k r d b n z b u l f o e k k v k a l s o a p r F k A v r % L o P N r k I o k f e k d e g U o d k { k s = g k s t k r k g s f t l d s f y , T ; k n k l a f B r i z k l f d , t k u s d h v k o ' ; d r k g k s r h g A

bl ueus ea doj fd, x, xkoka dh 'ks{k d I foekvka dh fLFkr I kj . kh 3-1 ea nh xbZ gA



I kj.kh 3-1 % xkoka ea mi yČek 'kš{kđ I űoėkkvka dk izdkj ¼ ġ; k=748½

vofLFkr	i kFfed fo ky; I-V(%)	ekė; fed fo ky; VI-VIII (%)	vU; fo ky; %
xkeh.k	424 (92.6)	273 (59.6)	165 (36)
tutkrh;	158 (92.9)	94 (55.3)	57 (33.5)
'kgjh	101 (84.2)	90 (75.1)	72 (60.0)
dy	683 (91.3)	457 (61.1)	294 (39.3)

I kj.kh 3-1 I sirk pyr k gšfd nI xkoka ea I s uks xkoka ea ¼1-3 ifr'kr½ voj i kFfed fo |ky; ka ea ¼I-V½ dh I űoėkk mi yČek FkA ekė; fed fo |ky; ¼VI-VIII½ dh I űoėkk 61 ifr'kr xkoka ea mi yČek Fk] tcfđ ueus ds vřxř vkuokys {ks=ka dk 39 ifr'kr ea mPp fo |ky; ka dh I űoėkk mi yČek FkA bl ds vřfjDr] I kj.kh 3-1 I s; g Hkh irk pyr k gšfd xkeh.k , oa tutkrh;] nkuks {ks=ka ea i kFfed fo |ky; ka dh mi yČekrk dh fLFkr I arkšktud ¼93 ifr'kr½ Fk] tcfđ 'kgjh {ks=ka ea bu fo |ky; ka dh mi yČekrk dh fLFkr 84 ifr'kr FkA

I kj.kh 3-2 I s; g Li "V gšfd 'kgjh {ks=ka ds 97 ifr'kr vkuokMh dšnka dkš xkeh.k {ks=ka ds 93 ifr'kr vkuokMh dšnka dks rFkk tutkrh; {ks=ka ds 74 ifr'kr vkuokMh dšnka dks I Melka I s tkMh x; ka mu vkol ka eš t gka vkuokMh dšnz vofLFkr Fkš jsy I Ei dZ dh I űoėkk cgr de FkA oLr r% dy feykdj 16 ifr'kr vkuokMh dšnz jsy ekZ I s tMš gq Fkš tcfđ 'kgjh {ks=ka ea jsy ekZ I s tMš gq vkuokMh

I kj.kh 3-2 % vkuokMh dšnka ea mi yČek I űoėkk ds izdkj ¼ a=748½

vofLFkr	i kFfed LokLF; dšnz (%)	i kFfed LokLF; dšnz ds mi dšnz (%)	Mkd ¼kj (%)	jsy I Ei dZ (%)	I Mel I ā dZ (%)
xkeh.k	109 (23.8)	194 (42.4)	240 (52.4)	41 (9.0)	428 (93.4)
tutkrh;	59 (49.2)	47 (39.2)	82 (68.3)	62 (51.7)	116 (96.7)
'kgjh	51 (30.0)	81 (47.6)	92 (54.1)	15 (8.8)	125 (73.5)
dy	219 (29.3)	322 (43.0)	414 (55.3)	118 (15.0)	669 (89.4)

dšnka dh ifr'kr rk 52 Fk] tks I okFkd FkA vkuokMh {ks=ka ds yxHkx 55 ifr'kr fgLI seaMkd?kj dh I űoėkk Fk] tcfđ 'kgjh {ks=ka ea ; g ifr'kr rk I okFkd vFkkř 68 ifr'kr FkA

i kFfed LokLF; dšnka rFkk mi & dšnka dh I űoėkk dh mi yČekrk vkuokMh {ks=ka es Őe'k% 29 ifr'kr rFkk 43 ifr'kr FkA vr% vkuokMh I s; g Hkh Li "V gkrk gšfd LokLF; I ĩkėh egŁoiwZ I űoėkkvka I s I hfer I ġ; k ea yks ykHkkŁor gq FkA

ifj; kstuk {ks= ea VsyhOksu duš'kuka rFkk , y ih th dh mi yČekrk ds ckjs ea Hkh I űok , d= dh xBā vkuokMh I s; g Hkh Li "V gvk fd yxHkx 89 ifr'kr xkeh.k ifj; kstuk {ks=kš 94 ifr'kr 'kgjh ifj; kstuk {ks=ka rFkk 68 ifr'kr tutkrh; ifj; kstuk {ks=ka ea VsyhOksu duš'ku I űoėkk, a mi yČek FkA 72 ifr'kr vkuokMh {ks=ka ea , y ih th dh mi yČekrk Fk] tcfđ xkeh.k I ešdr cky fodkl I ok ifj; kstukvka , oa tutkrh ifj; kstuk {ks=ka ea ; g ifr'kr rk Őe'k% 75 ifr'kr vkš 50 ifr'kr FkA

3-1-1- iš ty

; | fi vfed I svfed vkcnh dks iš ty dh vkiřrZ dh tk jgh gš rFkfi yk [kkaefgykva, oa cPpka ds fy, 'kđ) iš ty vHkh Hkh ngyġk oLr q gā I ešdr cky fodkl I ok ifj; kstuk {ks=kš fo'kškdj nj & njkt ds xkeh.k , oa tktkrh; {ks=ka ea'kđ) , oa LoPN iš ty

dh vki firZ, d cMh pukh ds : i ea mHj jgh gA

3-1-2 I Mda

I kj.kh 3-3 %p= 3-1% ea ty&vki firZ ds I kr ds ckjseacr; k x; k gSbl I kj.kh ea; g nqkk tk I dsxk fd vfekdkk vkakuokMh dlnka ea ty dseq; I kr gM iEi vj; uy dk ikuh FkA bl I s; g I kfc r gk tkrk gSfd cPpkadks'kq) is ty mi ycek djkus ds dk; Zea I efd r cky fodkl I ok dkQh I Qy jgk gA fl QZ dN ifr'kr vkakuokMh dlnh; fo'kSkdj xteh.k , oa tutkrh; {k=] dqa, oarkyc ty vki firZgrq dqa, oa rkyk ij fullj FkA ty , oagM iEi I sty vki firZ

xteh.kka dk fo'okl Fk fd xteh.k I Melka dh rjDdh xteh.k , oa tutkrh; vkcknh dsfy, I okfekd ykHknk; d I foekkvka ea I s , d gA I Melka ds fy, fuosk I s mRi kn drk I of) ds ek; e I s xteh.k xjhch ea gh deh ugha vkbZ gS cfYd xj & d f'k jkst xkj vol jka ea Hkh of) gpZ gS r Fk etnjh dh nj Hkh c<h gA vuHkotU; vkadMs; g Hkh n'kks ds fd xteh.k I Ei dZk , oafodkl dschp I dkj kRed I Ei dZLFkfi r gq gA xteh.k I Melka I s egUoi wZ I Ei dZ ekxka dh I foekk mi ycek gpZ ftI ds ek; e I s ikFkfed LokLF; dlnh; fo|ky;] cktkj tS h vud egUoi wZ I kekftd , oa HkkSrd vkekkj Hkur I j puvkva ds i Hkkoh vflkxE; rk , oami ; kx dks<kok fey kA uskvka dk ekuuk gSfd d f'k mRi kn] cgrj QkeZeW;] Ms jh I of)] cgrj 'k{k d Lrj , oa mPprj thou iR; k'kk I fgr xteh.k I Mel fuekZk I s dbZ ykHk gq (I fki ep xteh.k {k=ka dk I rfy r , oa rhoz fodkl gq kA ueuk xkoka ea xteh.k I Melka dk

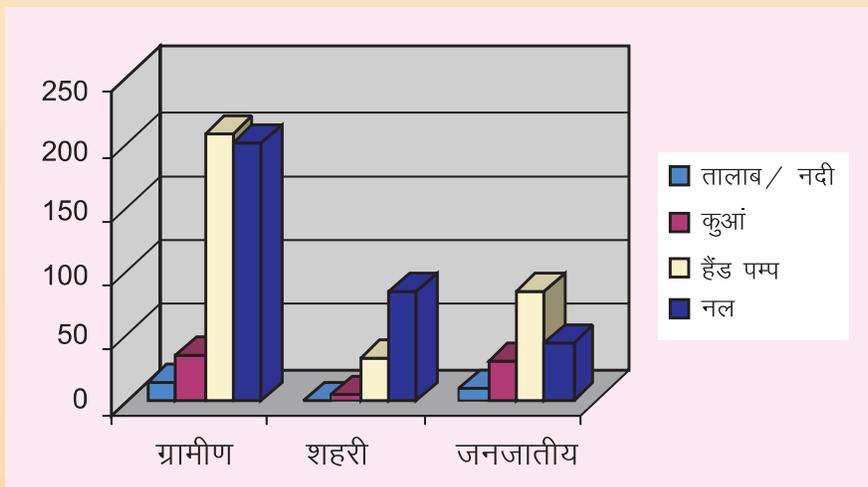
I kj.kh 3-3 % vkakuokMh dlnka dks ty&vki firZ ds I kr

vofLFkr	rkyk@unh	dq/ka	gM iEi	uy	dy
xteh.k	14 (3.10)	36 (7.96)	207 (45.2)	201 (43.9)	458 (100.0)
tutkrh;	0 (0.0)	4 (3.3)	32 (26.2)	84 (70.0)	120 (100.0)
'lgjh	10 (5.8)	30 (17.6)	85 (50.0)	45 (26.4)	170 (100.0)
dy	24 (3.2)	70 (9.3)	324 (43.3)	330 (44.1)	748 (100.0)

dk ikoekku ; g I kfc r djrk gSfd ih , p bZ Mh] ts vkj okbZ , u vkj bZ br; kfn tS h foHkuu fodkl ; kst ukvka ds varxZ I okvka dk vflk j.k gkrk jgk gA

cgrj QkeZeW;] Ms jh I of)] cgrj 'k{k d Lrj , oa mPprj thou iR; k'kk I fgr xteh.k I Mel fuekZk I s dbZ ykHk gq (I fki ep xteh.k {k=ka dk I rfy r , oa rhoz fodkl gq kA ueuk xkoka ea xteh.k I Melka dk

fp= 3-1 % vkxuoMh dlnka dh ty vki firZ ds I kr



fueZk ,oa j[k&j[kko dke ds fy, vukt I æakh dk; Øe] jk"Vh; xkeh.k jkstxkj dk; Øe] xkeh.k Hkfeghu jkstxkj xkjâ/h dk; Øe rFkk tokgj jkstxkj ; kstuk I fgr dbZ fodkl ; kstukvka dk egüoiwkZ ?kVd jgk gA bl ds vfrfjDr] cfu; knh U; ware I ok dk; Øe ½xkeh.k I Mel½ ds varxîr ckjgekl h I Melka ds ekè; e I s I Hkh xkoka , oa cflr; ka dks I Ei dîrk inku djus dh ifjdYiuk gA dk; Øe I æakh bu igyka dh otg I s gg ykhka dh ckr bl rF; I s

Li"V gks tkrh gSfd 'kgjh {ks=ka ds 97 ifr'kr dñz} xkeh.k {ks=ka ds 93 ifr'kr dñz ,oa tutkrh; {ks=ka ds 14 ifr'kr dñz I Melka I s tM+s-gg FkA

3-1-3 vaxuokMh dñzka dh Hkkrd I jpk

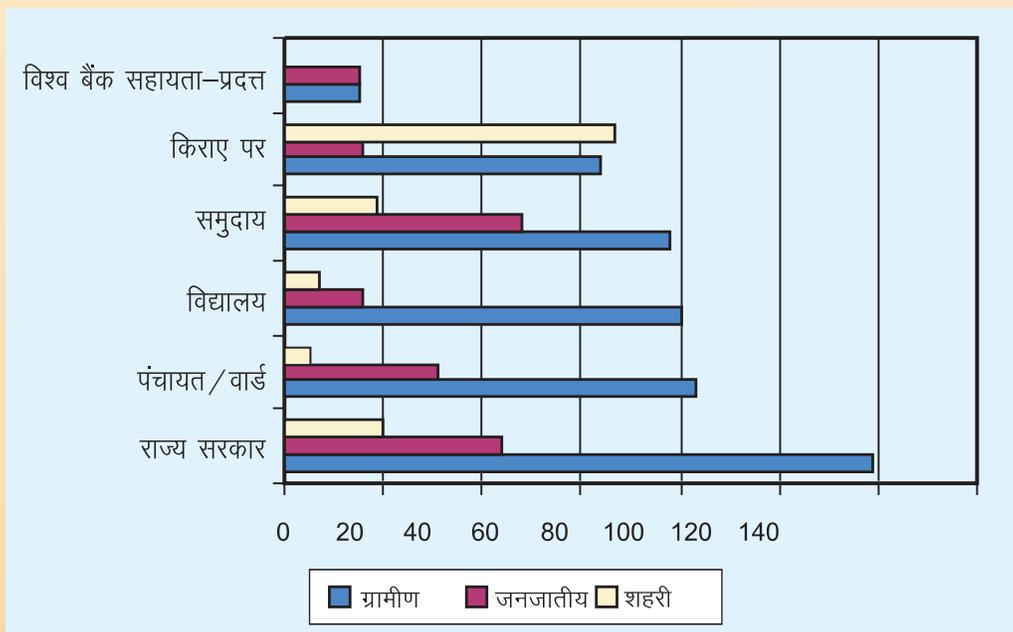
vofLFfr] Hkouka dk Lokfero] LFkk dh mi yCekrk] vflkxE; rk] mi Ldjka rFkk f'k{k.k I kefxz; ka BR; kfn ds I anHkZ ea vaxuokMh dñzka dh Hkkrd I jpk ds

I kj.kh 3-4 % vaxuokMh dñzka ds Hkou dk Lokfero ¼ ; k=727½

vofLFfr	jkT; I jckj (%)	ipk; r okMZ (%)	fo ky; (%)	I epk; (%)	fdjk; sij (%)	fo'o cñ fueZk (%)	tM+ (%)
xkeh.k	119 (26.0)	83 (18.1)	80 (17.5)	78 (17.0)	64 (14.0)	15 (3.3)	439 (96.0)
tutkrh;	44 (25.9)	31 (18.2)	16 (9.4)	48 (28.2)	16 (9.4)	15 (8.8)	170 (100.0)
'kgjh	20 (16.7)	5 (4.2)	7 (5.8)	19 (15.8)	67 (55.8)	0 (0.0)	118 (98.0)
tM+	183 (24.5)	119 (15.9)	103 (13.8)	145 (19.4)	147 (19.7)	30 (4.0)	727 (97.2)

*, u vkj dk eW; ; 'HkfeY ugha gS

fp= 3-2 % vaxuokMh Hkou dk Lokfero



fofHku i gypvka ds ckjs ea vkadM\$, d= fd, x, FkA I kj.kh 3-4 , oafp= 3-2 ea vkauokMh dbnz ds Hkouka ds Lokfero I æekh tkudkj nh xbZ gA I kj.kh 3-4 rFkk fp= 3-2 ea vkauokMh dbnz ds Hkouka ds Lokfero dk o.ku fd; k x; k gA

ifr'kr Hkou vFkok Hkou&LFky I epk; }kjk mi yCek dj, x, FkA yxHx 14 ifr'kr vkauokMh dbnz ds Lokfero Hkouka ea txg nh xbZ FkA I kj.kh 3-5 rFkk fp= 3-3 ds varxZ Hkouka ds idkj dk I fklr o.ku fd; k x; k gS

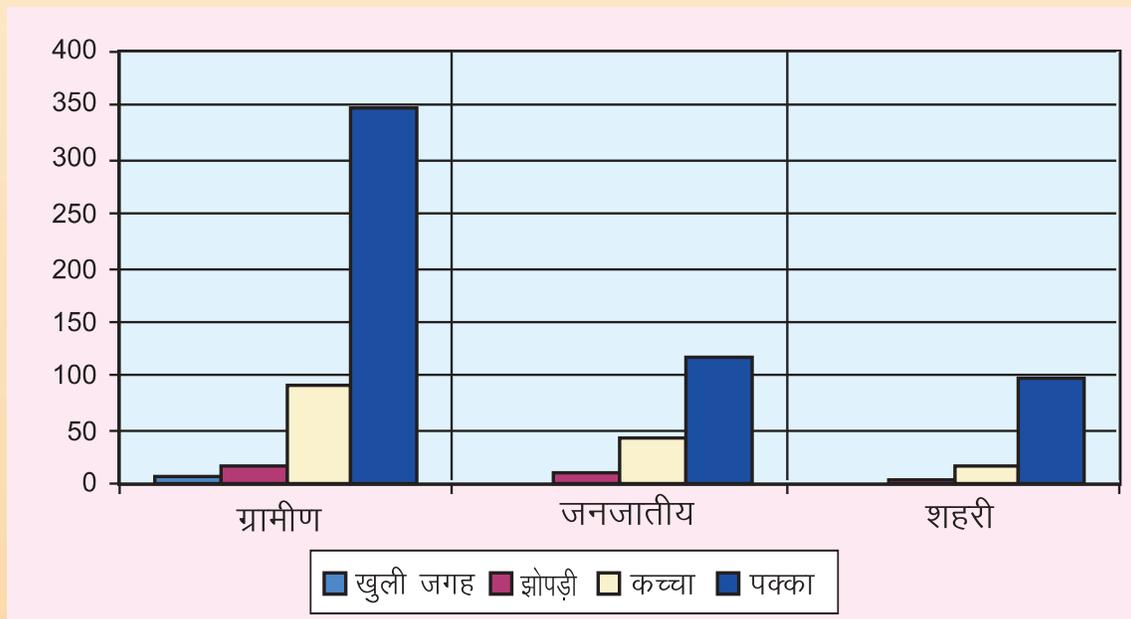
I kj.kh 3-4 ds varxZ ; g n[kk tk I drk gSfd I Hkh {ks=ka ea vkauokMh dbnz ds yxHx 25 ifr'kr Hkou jkT; I idkj }kjk mi yCek dj, x, FkA 16 ifr'kr Hkouka ds ipk; rh vaknu I fgr yxHx 19

; g mYys[k djuk I rksktud gSfd vfedkd k vkauokMh dbnz i Dds Hkouka ea fLFkr FkA , d k irhr gkrk gSfd fi Nys, d n'kd I s vkauokMh dbnz ds i Dds Hkou mi yCek djkus ds i; kZr iz kl fd, x, gA o"z 1995 ea jk"Vh; tu I g; ksx , oacky fodkl I fFku }kjk I efdr cky fodkl ; kstuk ds jk"Vh; eW; kadu ds varxZ ; g ik; k x; k Fkk fd dny 50 ifr'kr vkauokMh dbnz i Dds Hkouka ea fLFkr r Fk; tcfed orZku ve; ; u ds varxZ 75 ifr'kr I s vfedd dbnz i Dds Hkouka ea fLFkr ik, x, Fk; tks I efdr cky fodkl I ok dh izfr dk , d fuf'pr I dr gA

I kj.kh 3-5 % Hkouka dk idkj ¼ f; k=748½

vofLFkr	[kyh txg	>ki Mh	dPpk	iDdk	tkM+
xkeh.k	5 (1.1)	16 (3.5)	90 (19.7)	347 (75.8)	458 (100.0)
tutkrh;	0 (0.0)	10 (5.9)	42 (24.7)	118 (69.4)	170 (100.0)
'kgjh	0 (0.0)	4 (3.3)	17 (14.7)	99 (82.5)	120 (100.0)
tkM+	5 (0.7)	30 (4.0)	149 (19.9)	564 (75.4)	748 (100.0)

fp= 3-3 % vkauokMh dbnz Hkou dk idkj



3-1-4 vkauokMh dñkaeaLFku dh mi yCekrk

I kepfi; d dk; ðyki ka ds fy, LFku mi yCek djkus grq vkauokMh dñka dks 0; ofLFkr fd, tkus dh t: jr gA vPNk gksck ; fn bl ea cPpka ds vyx&vyx cBus rFkk 0; fDr vjç I eng ds fy, i; klr domZ lery {ks= gkA vkauokMh dñka ea cPpk dk; ka rFkk pkVka i k.Vjka rLohjka ds in'ku dh Hkh 0; oLFkk gksuh pkfg, A ijd i ksk.k [kk] I kefxz ka vkfn dks idkus rFkk buds Hk/kj.k ds fy, iFkd LFku gksuk pkfg, A ; fn I Hko gks rks de Åpkbz ij Cyd ckMZ dh Hkh 0; oLFkk fd, tkus dh t: jr gA vkauokMh dñkaeaLora=ri noð [kyusdsfy, i; klr [ky I kexh Hkh gksuh pkfg, vjç VWus; k budscokj vkauokMh dñkaeaLFku dh 0; oLFkk dsfy, vkauokMh dk; ðrkz/ka ea dksky dk gksuk Hkh vko'; d gA vkauokMh dñkaea fofHku dk; ðyki ka dsfy, LFku dh mi yCekrk ds I Eclèk ea I puk , d= dh xbz Fkh] tS k fd I kj.kh 3-6 ea mfyf[kr gA

I kj.kh 3-6 % vkauokMh dñkaeaLFku dh i; klrk

vofLFkr	cfjx	varjx	i Fkd Hk/kj.k dh mi yCekrk
xteh.k	245 (53.5)	256 (55.9)	234 (51.1)
tutkrh;	87 (51.2)	86 (50.6)	95 (55.9)
'kgjh	53 (44.2)	43 (35.8)	47 (39.2)
tkM+	385 (51.3)	385 (51.5)	376 (50.3)

I kj.kh 3-6 ; g n'kkrh gS fd 'kgjh {ks= ds vfedkka vkauokMh dñkaeaLFku , d I eL; k ds: i ea FkA dny 44] 36 vjç 39 ifr'kr vkauokMh dñka ea i; klr cfjx vjç varjx LFku rFkk Hk/kj.k ds fy, vyx LFku mi yCek FkA ; g fLFkr xteh.k , oa tutkrh; {ks=eaedN cgrj FkA rFkfi] I exz: i I } yxHkx 49 ifr'kr vkauokMh

dñkaea cfjx rFkk varjx dk; ðyki ka ds fy, LFku vi; klr Fk vjç 50 ifr'kr ea fofHku I kefxz ka ds Hk/kj.k ds fy, vyx LFku mi yCek ugra FkA

vyx jI kbZkj ds fy, LFku dh mi yCekrk ds ckjs ea Hkh I puk , d= dh xbz FkA ; g ik; k x; k fd fo'o cbl I gk; rk&inÜk 81 ifr'kr I efdr cky fodkl I ok ifj; kst ukvka ea; g I foèkk myi Cèk Fkh vjç bl ds ckn xj&l jdkjh I axBuka }kjk pykbz tk jgh ifj; kst ukvka 1/53-49 ifr'kr 1/2 rFkk fu; fer I efdr cky fodkl I ok I sl èfèkr ifj; kst ukvka 1/43-94 ifr'kr 1/2 dk LFku vkrk gA yxHkx vèkk 1/49-0 ifr'kr 1/2 xteh.k rFkk tutkrh; 1/50-6 ifr'kr 1/2 ifj; kst ukvka vjç 40 ifr'kr 'kgjh ifj; kst ukvka ea [kkuk idkus ds fy, vyx I s i; klr LFku FkA bl idkj] vkadMsn'kkr sgfd vkauokMh dñkaea bu I foèkkvka ea I èkkj djus ds fy, vjç vfed iz kl fd, tkus dh vko'; drk gS D; kaid ; sdk; Øe ds dkjxj dk; kko; u dsfy, egüoi wkz gA

vkauokMh dñkaea I gyHkr

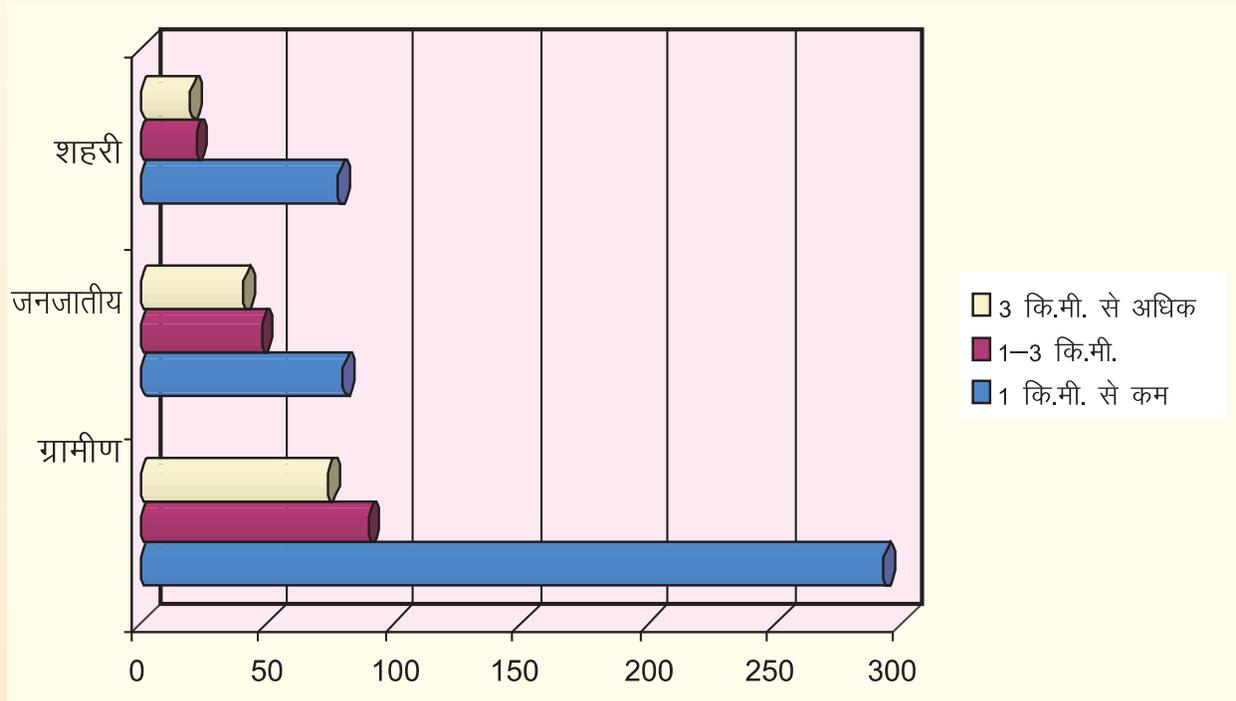
vfedkka vkauokMh dñkaea 1/60-3 ifr'kr 1/2 cPpka dksvkl kuh I sl gyHk Fk D; kaid ; k rksosvi usekrk&fi rk }kjk yk, x, Fks; k vi us I xshkkb&cguka; k i Mhd dh o) efgykva }kjk yk, x, FkA ijd i ksk.k dh I lykbz ds I e; cPpka dh mi fLFkr I fuf'pr djus ds fy, i R; sd pkbYM&V&pkbYM nF"Vdksk dk Hkh i kyufd; k x; k FkA xteh.k , oa 'kgjh {ks=ea} cPps Lo; agh vi us fudV ds vkauokMh dñkaea vk jgs FkA I gk; d eL; ; i I svkauokMh ea uo&i fo"V cPpka dks ykus ds dke ea yxs gq FkA I kj.kh 3-7 rFkk fp= 3-4 ds varxH

I kj.kh 3-7 % cPpka , oa ekrvka ds fy, vkauokMh dñkaea I gyHkr 1/4 è; k=748%

vofLFkr	cPpka vjç ekrvka }kjk vkauokMh dñkaea id gpusdsfy, r; dh tkusokyh njih			
	1 fd-eh- I s de (%)	1&3 fd-eh-ds Hkrj (%)	3 fd-eh- I svfed (%)	tkM+ (%)
xteh.k	293 (64.0)	90 (19.7)	74 (16.2)	458 (100.0)
tutkrh;	80 (47.1)	48 (28.2)	41 (24.1)	170 (100)
'kgjh	78 (65.0)	22 (18.3)	20 (16.7)	120 (100)
tkM+	451 (60.3)	160 (21.4)	135 (18.0)	748 (100)



fp= 3-4 % ekrkva vksj cPpka }kjk vkxuoMh dbrnz rd igpus ea r; dh xbz njh



vkxuoMh dbrnz dh I gyHkrk ds I EclEk ea I fRklr vkadMsfn, x, gA

; g n[kk tk I drk gSfd tutkrh; {ks=ka ea yxHkx 52 ifr'kr cPpka dks vkxuoMh dbrnz rd igpus ds fy, ,d fdyks ehVj I s vfekd vksj dHkh&dHkh 3 fdyks ehVj I s Hkh vfekd njh r; djuh i Mfh FkhA bl fu"d"kZ ds fufgrkFKZ I dkvka ds forj.k I c[okh bl eW; ka du ds v[; k; 4 eacPpka dh miLFkfr rFkk I dkvka dh I gyHkrk I s I Ec) fd, tk, xA

3-1-5 mi dj.kkarFkk I gk; d ; a=ka dh mi yC[erkr

eki rksy dk i [ekuk

cPpka dks fu; fer : i I s rksyuk ^tk[ke ea i M\$ cPpka dh igpku djus ds fy, vR; r vko'; d

gS D; k[fd fuEufyf[kr Jskh dscPpka dh fo'kSk : i I s n[ckHky dh tkuh g%

- > oscPpsftudk tle dsl e; otu 25 fdyks I s de gkA
- > oscPpsftudk otu yxkrkj nks eghus I s ?KV jgk gkA
- > Jskh III vksj IV ds cPpA

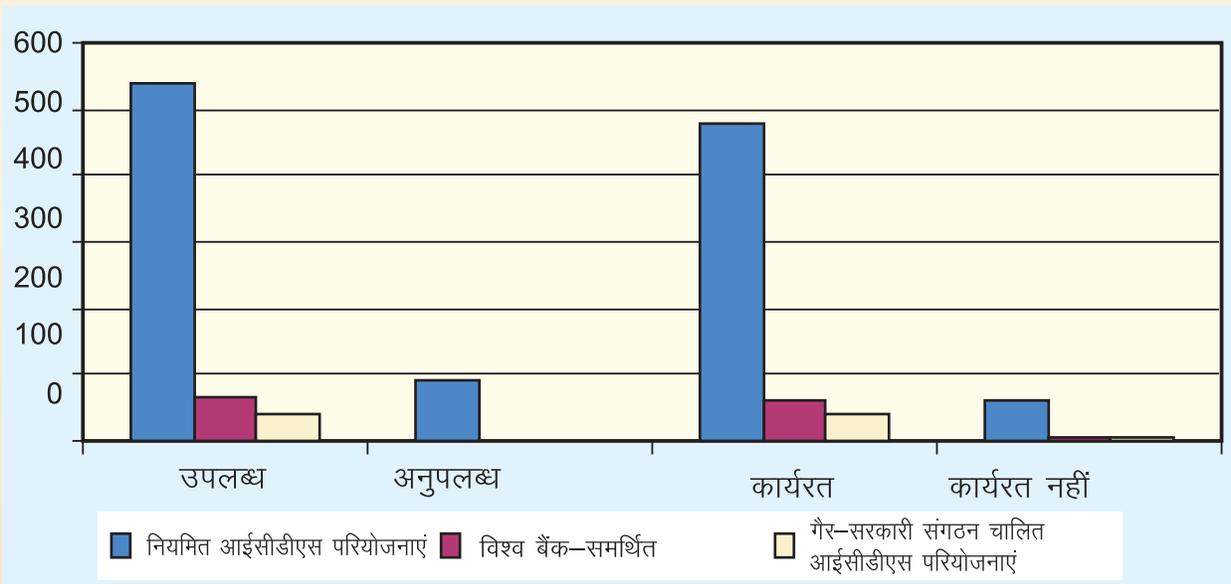
mi ; Dr Jskh ds cPpka dks v[; x I s I p[hc) djus vksj budk I koekkuhi n[; d otu fd, tkus dh vko'; drk gA mi ; Dr dk; ka dks djus ds fy, eki rksy ds i [ekus dk eg[oi wkZ LFkku gS vksj mEehn dh tkrh gS fd I Hkh vkxuoMh dbrnz dks bl dh vki firZ dh tk, xhA eki rksy ds i [ekus dh mi yC[erkr rFkk bl ds iz; kx dh fLFkfr I kj.kh 3-8 vksj fp= 3-5 ea n'kZ; h xbz gA



I kj.kh 3-8 %eki rky i okuk rFkk bl dh dk; &fLFkr

i fj; kstuk dk uke	rkyusdh e'khu dh mi yCekrk		dk; &fLFkr	
	mi yCek (%)	vumi yCek (%)	dk; j r (%)	dk; j r ugha (%)
fu; fer vkbl hMh, I ifj; kstuk	540 (85.0)	90 (14.1)	477 (88.3)	63 (11.7)
fo'o cfd&l effkr	68 (97.1)	02 (2.8)	63 (92.6)	05 (7.4)
xj&l jdkjh I xBu pkfyr vkbl hMh, I ifj; kstuk, a	41 (95.3)	02 (4.6)	39 (95.1)	02 (4.9)

fp= 3-5 %eki rky ds i okus & mi yCekrk , oa fLFkr



I kj.kh I s ; g i rk pyr k gSfd fo'o cfd I s I gk; rki klr I efdr cky fodkl I ok ifj; kstukvka ds 97 i fr'kr vkakuokM+ka ea eki rky ds i okus mi yCek Fk; tcf d xj&l jdkjh I xBu pkfyr 95-3 i fr'kr i fj; kstukvkarFkk fu; fer I efdr cky fodkl ; kstuk I sl cfd&l 85 i fr'kr ifj; kstukvkaeaeeki rky ds i okus mi yCek Fka muea I s yxHkx 91 i fr'kr dk; j r fLFkr eaFka vkdMka I s ; g i rk pyr k gSfd vfedkdk vkakuokM+ dlnka ea cPpka dh i kskgkj fLFkr dkseki usdh I foek mi yCek Fka vkakuokM+ dk; j r k; ka I s ; g i rk pyr k fd fdl h vkakuokM+ dlnz dseki rky i okusea [kjch vk tkus ij nll js vkakuokM+ dlnz ds i okus I s dke fy; k tkrk Fka

mi dj.k vkj I gk; d ; a

vkakuokM+ dlnka dks Ldny&i wZ f' k(kk fdV) f[kyku; dkmaVx Ye] i kbel j rLohj i rrd; [ky I kefxz ka rFkk mi dj.kka dh I lykbz dh xbz gA mudh mi ; Prrk vFkok I okvka dh I gyHkrk ds fy, , d I keku ds : i ea mudh mi ; kfxrk dk i rk yxkus ds fy, vkdMka dk I xg fd; k x; ka i fj; kstuk ds Lo: i ds vuq kj bu I gk; d ; a-ka mi dj.kka , oa I kefxz ka dh fLFkr I kj.kh 3-9 ea n'kkz h xbz gA

; g ns[kk tk I drk gS fd fo'o cfd I gk; rk&inuk ifj; kstukvka ds varxz pyr, tk jgs



I kj.kh 3-9 % Lɔɔy&i ɔZ f'k{k k fdVka dh mi yCekrk ¼ ɔ; k=748½

i caku }kjk pykbzxbz ifj; kstuk dh izdfr	mi yCek (%)	vuɔj yCek (%)	dkbzmlkj ugh (%)	t km+(%)
fu; fer I ešdr cky fodkl I ɔk	359 (56.5)	275 (43.3)	1 (0.10)	635 (100.0)
fo'o cɔɔl }kjk I gk; rk&i nɔk	29 (41.4)	41 (58.6)	0 (0.0)	70 (100.0)
xš&l jdkjh I xBu }kjk I pkyr	30 (69.8)	13 (30.2)	0 (0.0)	43 (100.0)
t km+	418 (55.9)	329 (44.0)	1 (0.10)	748 (100.0)

, d fo"ki; gš ftI dh dk; ɔe ds dk; kɔo; udrkz/ka }kjk I koekkuhi ɔZ tkp fd, tkus dh vko'; drk gA vU; I gk; d ; a=ka l sl æfekr vkɔdMɔ I kj.kh 3-10 ea fn, x, gA

mi; ɔr I kj.kh ij utj Mkyus I svfekdkk vkakuokMɔ dɔɔnka

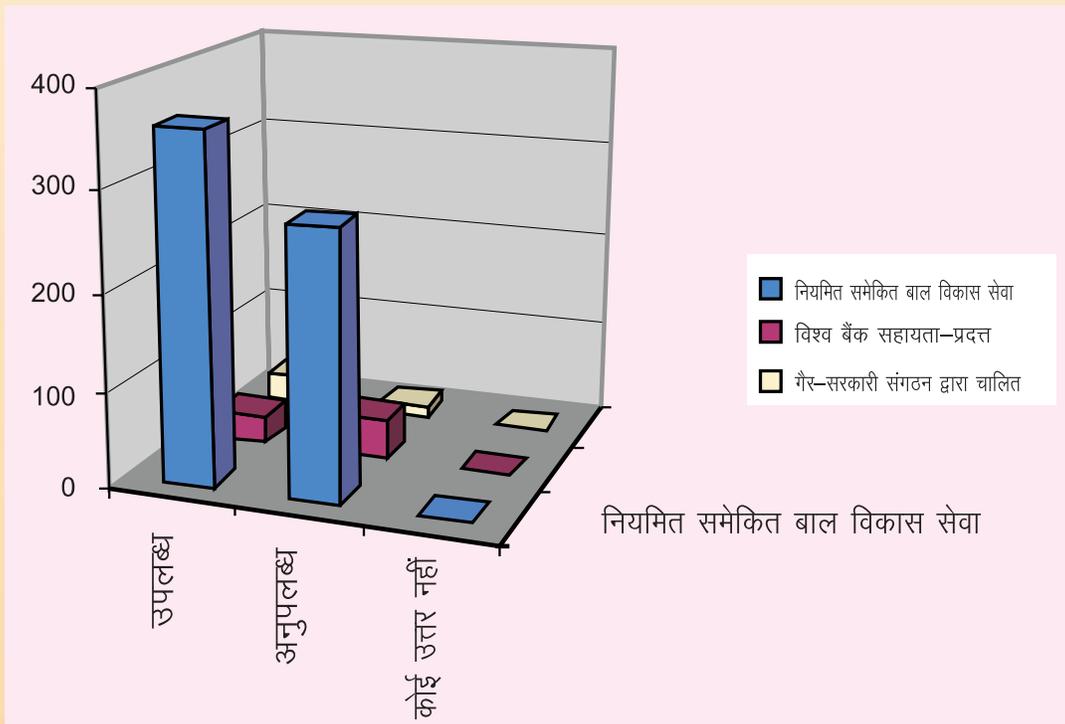
vfekdkk vkakuokMɔ dɔɔnka ea Lɔɔy&i ɔZ f'k{k k fdV mi yCek ughaFlkh) tcfɔ fu; fer I ešdr cky fodkl ; kstuk I sl æfekr vfekdkk ifj; kstukvka 1/5-5 ifr'kr ½ ds vr xš Lɔɔy&i ɔZ f'k{k k fdV mi yCek FlhA Lɔɔy&i ɔZ f'k{k I ešdr cky fodkl I ɔk I ækɔh dk; ɔe dk , d egɔoi wkZ ?kVd gš bl fy, dk; ɔe ds I Qy dk; kɔo; u ds fy, fdV dh mi yCekrk egɔoi wkZ gA 44 ifr'kr dɔɔnka ea fdVka dh vuɔj yCekrk fpɔrk dk

ea [ksy I kefxz, ka dh vi ; kɔrrk dk irk pyrk gš ftI ij xɔkhj rki ɔZ è; ku fn; k tkuk vko'; d gš rkfd I ešdr cky fodkl I ɔk ifj; kstukvka dks budh I lykbz ea of) dh tk I ds

3-1-6 crZuka dh mi yCekrk

I ešdr cky fodkl I ɔk I ækɔh ifj; kstuk ea ij d i kškkkj u dɔy ykHk xkfg; ka dh i kškkkj

fp= 3-6 % Lɔɔy&i ɔZ f'k{k k fdVka dh mi yCekrk



नियमित समेकित बाल विकास सेवा

I kj.kh 3-10 % fdVka rFkk mi dj.kka , oa [ky I kefxz; ka dh mi yCekrk ¼ d; k=748½

I gk; d ; a-ka mi dj.kka [ky I kefxz; ka ds i d kj	ifj; kstuk dk Lo: i					
	fu; fer vkbl hMh, l (%)		fo'o cbl I gk; rk i nük (%)		xj&l jdkjh l xBu) jk l pkyr (%)	
	i; klr	vi; klr	i; klr	vi; klr	i; klr	vi; klr
f[kykus	172 (27.1)	315 (49.6)	18 (25.7)	30 (42.9)	23 (53.5)	19 (44.2)
dkmVax Ye	150 (23.6)	274 (43.1)	12 (17.1)	36 (51.4)	12 (27.9)	14 (32.6)
vkauokMh dk; d rka jyk I gk; d l kexh	172 (27.1)	315 (49.6)	18 (25.7)	30 (42.9)	23 (53.5)	19 (44.2)
i kbej	84 (13.2)	173 (27.2)	08 (11.4)	18 (25.7)	26 (60.5)	11 (25.6)
rLohj i l rd dguh dh fdrc	161 (25.4)	214 (33.7)	08 (11.4)	29 (41.4)	19 (44.2)	18 (41.9)

t: jrka dks i jk d juscfYd mi fLFkr ea of) djus dh n'V I shk vR; r egUoi wkz gA i kskgkj dk; De dh I Qyrk ds fy, vkauokMh d bna ea [kkuk i dkus vkj i jk us ds fy, crZka dk i; klr I d; k ea gskuk ijeko'; d gA I kj.kh 3-11 ea vkauokMh d bna ea [kkuk i dkus vkj i jk us ds crZka dh mi yCekrk dk I f{klr o.ku fd; k x; k gA I kj.kh 3-11 I s Li"V gS fd 61-8 ifr'kr xkeh.k] 49-2 ifr'kr 'kgjh rFkk 65-9 ifr'kr tutkrh; ifj; kstukvka ea [kkuk i dkus ds crZu mi yCek Fk] tcf d [kkuk i jk us ds 60-5 ifr'kr crZu ik, x,A bu vkadMka I s ;g Hkh irk pyr k gS fd

vkauokMh d bna dh , d cMh I d; k ea crZu mi yCek ughag ftl dk i jk d i kskgkj dk; De ds dk; kRo; u ij cjk i Hkko i Mxka

3-2 dk; d rka/kadh : i jk

3-2-1 de p k j ; ka dh fLFkr

fp= 3-7 vkj 3-8 ea ifj; kstuk {k=ka ds de p k j ; ka dh fLFkr dk o.ku fd; k x; k gA

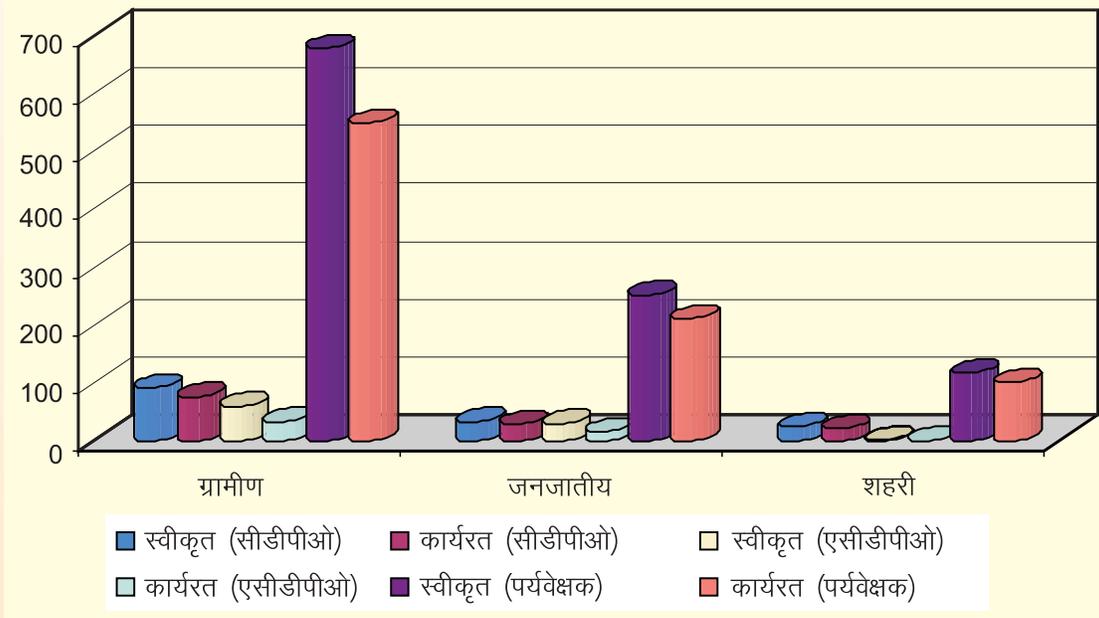
I kj.kh 3-12 I s ;g irk pyr k gS fd I o k.k dh xbZ ifj; kstukvka ea 15 ifr'kr cky

I kj.kh 3-11 % vkauokMh d bna ea [kkuk i dkus rFkk i jk us ds fy, crZka dh mi yCekrk ¼ d; k=748½

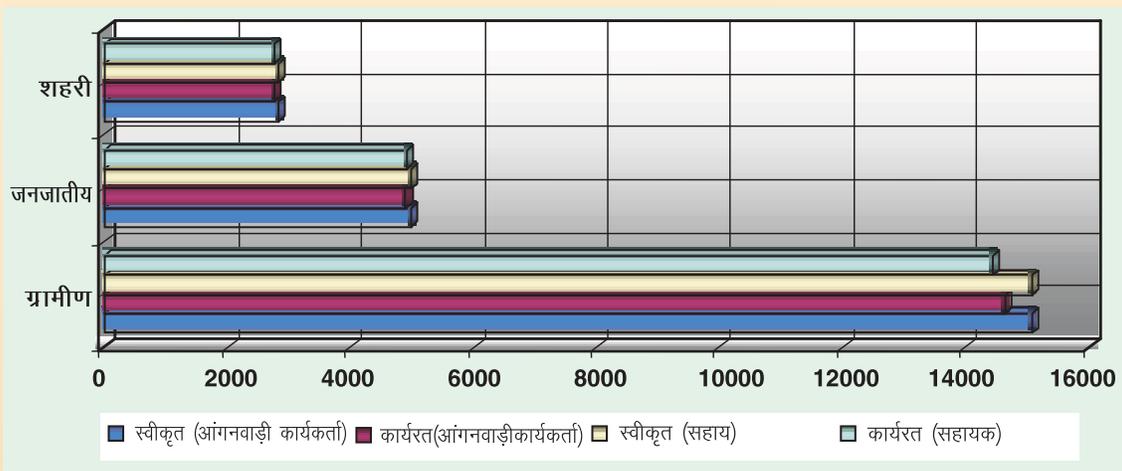
ifj; kstuk dk uke	xkeh.k (%)		'gkjh (%)		tutkrh; (%)	
	[kkuk i d k u k	i j k l u k	[kkuk i d k u k	i j k l u k	[kkuk i d k u k	i j k l u k
fu; fer I efdr cky fodkl I ok ifj; kstuk	247 (63.3)	243 (62.3)	48 (45.7)	68 (64.8)	90 (64.3)	84 (60.0)
fo'o cbl I gk; rk i nük	21 (46.7)	22 (48.9)	--	--	17 (68.0)	13 (52.0)
xj&l jdkjh l xBu) jk l efr	15 (65.2)	12 (52.2)	11 (73.3)	15 (100.0)	05 (100.0)	05 (100.0)
I Hkh {k=	283 (61.8)	277 (60.5)	59 (49.2)	83 (69.2)	112 (65.9)	102 (60.0)



fp= 37 % de p k j ; k a dh fLFkr % cky fodkl i f j ; k t u k v f d k j h I g k ; d cky fodkl i f j ; k t u k v f d k j h r f k i ; b f k d



fp= 3-8 % de p k j ; k a dh fLFkr % v k x u o k M h d k ; b r k l v k j I g k ; d



I k j . k h 3-12 % i f j ; k s t u k de p k j ; k a dh fLFkr ¼ h M h i h v k j , I h M h i h v k s r f k k i ; b f k d ½

vofLFkr	I h M h i h v k s		I h M h i h v k s		i ; b f k d	
	Lohdr	dk; j r (%)	Lohdr	dk; j r (%)	Lohdr	dk; j r (%)
xkeh.k	91	76 (83.5)	60	32 (53.3)	676	547 (80.9)
tutkrh;	32	28 (87.3)	29	15 (51.7)	250	210 (84.0)
'kgjh	24	21 (87.5)	1	0 (0.0)	117	100 (85.5)
tkw+	147	125 (85.0)	90	47 (52.2)	1043	857 (82.3)

I kj.kh 3-13 %ifj; kstuk depkfj; ka dh fLFkr %vkuokMh dk; ZrkZ rFk I gk; d½

vofLFkr	vkuokMh dk; ZrkZ		gYij ¼ gk; d½	
	Lohdr	dk; jr (%)	Lohdr	dk; jr (%)
xkeh.k	15084	14645 (97.1)	15084	14446 (95.8)
tutkrh;	4978	4908 (98.6)	4978	4933 (99.1)
'lgjh	2848	2783 (97.7)	2848	2765 (97.1)
tM+	22910	22336 (97.5)	22910	22144 (96.7)

I kj.kh 3-14 % if'k{k.k dh fLFkr

Jskh	if'k{k.k (%)	vif'k{k.k (%)	tM+(%)
cky fodkl	120 (81.6)	27 (18.4)	147 (100.0)
ifj; kstuk vfeckjh i; bskd	280 (95.2)	14 (4.8)	294 (100.0)
vkuokMh dk; ZrkZ	735 (98.3)	13 (1.7)	748 (100.0)

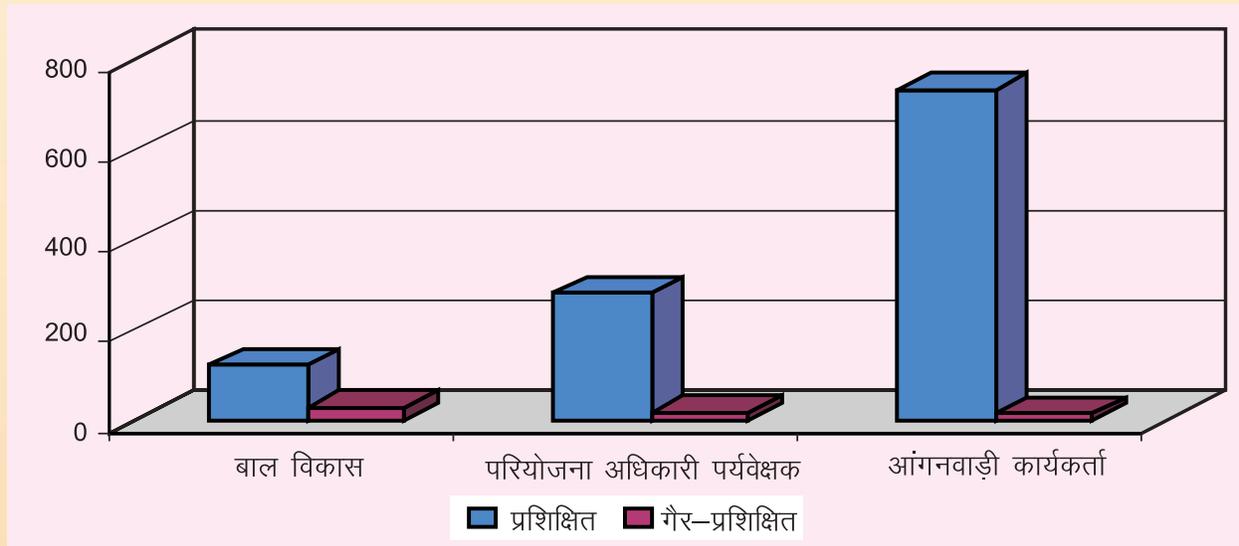
3-2 if'k{k.k dh fLFkr

I kj.kh 3-14 vj fp= 3-9 ea depkfj; ka ds if'k{k.k dh fLFkr larksttud n'kkZ h gA jkT; &okj ; g ik; k x; k fd v#.kkpy insk , dek= jkT; Fkkj tgka 50 ifr'kr cky fodkl ifj; kstuk vfeckjh if'k{k.k Fka dgy feykdj vl; jkT; ka ep depkfj; ka ds if'k{k.k dh fLFkr dkQh larksttud gA

3-2-3 vkuokMh dk; ZrkZ/ka dk p; u

; kstuk ds fn'kkfunZ kka ds vuq kj] vkuokMh dk; ZrkZojh; r%dkbZLFkuh; yMelh gkuh pkfg,] vFkkZr tks ml h xk@{ks= dh gk

fp= 3-9 % if'k{k.k dh fLFkr



fodkl ifj; kstuk vfeckjh; ka rFk yxHkx 18 ifr'kr i; bskdka ds in fjDr Fka rFkkfi] vkuokMh dk; ZrkZ/ka vj I gk; dka dh fu; qDr dh fLFkr larksttud gS tS k fd I kj.kh 3-13 Is Li "V gA

tS kfd ifjdYi uk dh xbZ Fkh fd LFkuh; gkuk ml s l epk; ds ifr vfeck Lohdk; Z cukrk gS vj og ykxka l s vfeckre l efkZ ikr djus ea l efkZ gksh gA fdl l hek rd fn'kkfunZ kka dk ikyu fd; k tkrk gS bl ckr dk irk yxkus ds fy, bl igyw dk ve; ; u djusdk iz kl fd; k x; kA ; g ik; k x; k fd



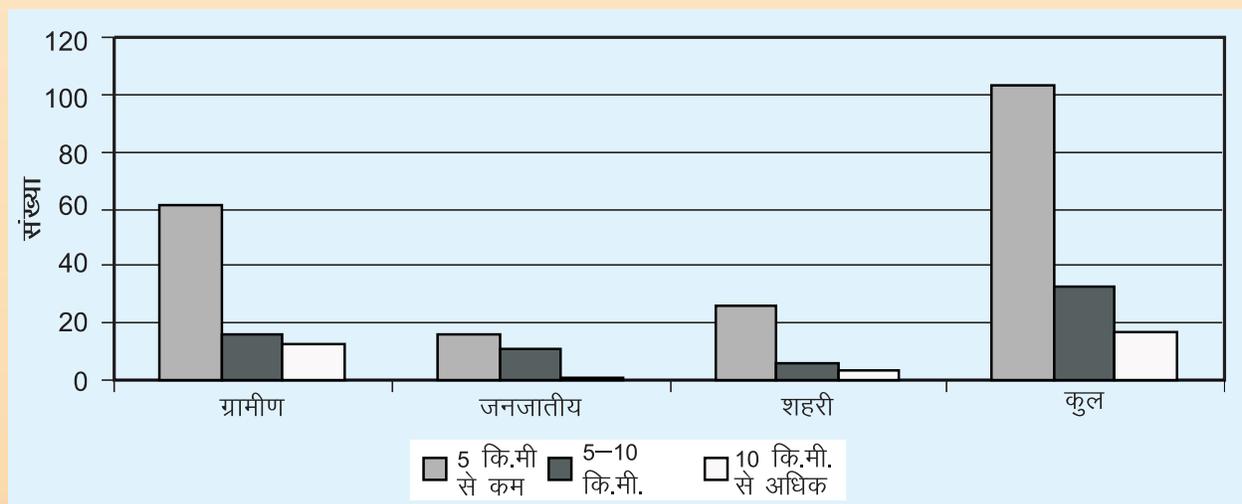
I exz : i l s 80 ifr'kr vkakuokMh dk; ZrkZ ml h xk@{ks= ds Fk; ftl ea vkakuokMh dšnz fLFkr gA rFkfi] bl igy wij fo'o cšd }kjk I gk; rk&i nÜk xš&l jdkjh l xBuka }kjk ipkfy rFk fu; fer I ešdr cky fodkl ; kst uk dschp 0; ki d varj ik, x, A tcf d fu; fer I ešdr cky fodkl I d k ij; kst ukvka ea 83 ifr'kr dk; ZrkZ ml h xk@{ks= ds Fk; fo'o cšd I gk; rk&i nÜk ij; kst ukvka ea 56 ifr'kr dk; ZrkZ ml h LFkku ds FkA I kj.kh 3-15 v;š fp= 3-10 vkakuokMh dk; ZrkZ/ka }kjk vi us l EcflEkr dšnzka rd igpus ea r; dh xbZ njih dks n'kZrk gA ; g nškk tk l drk gšfd yxHkx 7 ifr'kr dk; ZrkZ/ka dks vkakuokMh dšnz rd igpus ds fy, ifrnu 5 fdykehVj l s vfekd dh ; k=k djuh iMfh FkA

vkakuokMh dšnzka rd igpus ds fy, mi ; kx fd, x, ijogu ds l keku ds l cak eaHk l ipuk , d= dh xbZ FkA ml h xk@l ehi oriz xk@k; tksnksfdykehVj ds nk; jseafLFkr Fk; ds vkakuokMh dk; ZrkZ l kekl; r% i šny ; k=k djrs Fk; tcf d dN vl; dk; ZrkZ/ka 10 ifr'kr 1/2 us ml ekxZ ij pyusokyh l koštfud ijogu cl ka dk iz, kx fd; kA 'kšk ykšd; yxHkx 4 ifr'kr] us vi us l dWj] ekVj l kbfdy@l kbfdy dk iz, kx fd; kA mÜkj nusokyka l sckrphr ds nkšku ; g ik; k x; k fd 5 fdykehVj l s vfekd njih rd ; k=k djus okys mrus l e; ds ikm v;š fu; fer ugha Fks ftrus vl; vkakuokMh dk; ZrkZ

I kj.kh 3-15 % vkakuokMh dšnzka l s vkakuokMh dk; ZrkZ/ka ds fuokl LFkku dh njih 1/4 d; k=748%

vofLFkr	vkakuokMh dk; ZrkZ/ka; dh tluokyh ml ds fuokl LFkku dh njih		
	<5 fd-eh- (%)	5-10fd-eh- (%)	>10 fd-eh- (%)
xteh.k	61 (13.3)	16 (3.5)	13 (2.8)
tutkrh;	16 (9.4)	11 (6.5)	01 (0.6)
'kgjh	26 (21.7)	06 (5.0)	03 (2.5)
tkM+	103 (13.8)	33 (4.4)	17 (2.3)

fp= 3-10 % vkakuokMh dk; ZrkZ/ka }kjk vkakuokMh dšnzka rd r; dh xbZ njih



I hls cky fodkl ifj; kst uk vfeđkjh }kjk vkxuokMh dk; Đrđvka ds p; u dh ; g izkkyh I ešdr cky fodkl I ok I eakh dk; Đe ds 0; ki d foLrkj ds I kFk em gksh xBā HkrtZdh i f0; k dksfoLr : i fn; k x; k vls xte ipk; rka@CykMh I febr; ka ds vè; {kka rFk ftyk ifj"kn dks Hkh mi ; Đr 0; fDr; ka dh igpku ea i Đk fd; k x; kA cky fodkl ifj; kst uk vfeđkjh ds vfrfjDr] ftyk dk; Đe vfeđkjh dks p; u dk; Z ds fy, i Hkhoh cuk; k x; kA nš k ds cMš-jkT; ka I fgr 21 jkT; kseal hVka ds vkj {k.k dh izkkyh Hkh ykxwdh xBā I kr jkT; ka us bl izkkyh dks ugha vi uk; kAA LFkkuh; Lonškh I ekpj&i=ka ea foKki u ds ekè; e I s vkonu&i= vkef=r fd, x, FkA cky fodkl ifj; kst uk vfeđkjh; ka us mYyšk fd; k fd 1990 ds mÚjk) Z rFk ckn ea vkxuokMh dk; Đrđvka ds p; u ea 'i qk , .M i y* ?kVdka us Hkh egŁoi wÍz Hkfedk vnk dhā I Hkh vkxuokMh dk; Đrđvka efgyk, aFkavš 18 o"ÍZ dh vk; qI s vfeđ dh FkA bu dk; Đrđvka dk vk; &oxZ I kj .kh 3-16 ea fn; k x; k gā

bl I svfeđ FkA fu; fer rFk fo'o cđ I gk; rk&i nÚk I ešdr cky fodkl I ok ifj; kst ukvka ea vkxuokMh dk; Đrđvka dk ifr'kr 35&45 o"ÍZ vk; &l eW; ea I eku : i I sfoHkfr Fk] tcfđ 30 ifr'kr vkxuokMh dk; Đrđvka 25&35 o"ÍZ vk; &l eW; ds FkA mudk I okdky mudh vk; q rFk muds p; u dh rkjh[k ds vkekkj ij fHkUu&fHkUu FkA

oškfgd fLFkr ; g fn [kkrh gš fd 82 ifr'kr vkxuokMh dk; Đrđvka fookgr vls 9 ifr'kr vfookgr FkA xqjkr ea vkxuokMh dk; Đrđvka ds p; u ea foekokvka rFk rykd'kpk rFk vyx jgusokyh efgyk vka dks nh xBā 9-1 ifr'kr I s FkMh vf/kd efgyk, afoekok Fk 18-2 ifr'kr 1/2 rFk rykd'kpk 10-9 ifr'kr 1/2 ifj; kst uk dh izf rFk vk; qI s I eš/kr I puk I kfj .kh 3-17 ea nš kh tk I drh gā vkxuokMh dk; Đrđvka ds p; u ea

I kj.kh 3-16 % vk; &l eW; ds vuđ kj vkxuokMh dk; Đrđvka dk foHktu 1/4 ũ; k=748 1/2

vofLFkr	vk; &l eW; o"ÍZ					tkM+ (%)
	18-25 (%)	25-35 (%)	35-45 (%)	45-55 (%)	55+ (%)	
xteh.k	15 (3.3)	150 (32.8)	208 (45.4)	77 (16.8)	08 (1.7)	458 (100.0)
tutkrh;	08 (4.7)	53 (31.2)	76 (44.7)	29 (17.1)	04 (2.4)	170 (100.0)
'kgjh	03 (2.5)	25 (20.8)	61 (50.8)	31 (25.8)	0 (0.00)	120 (100.0)
tkM+	26 (3.5)	228 (30.5)	345 (46.1)	137 (18.3)	12 (1.6)	748 (100.0)

I kj.kh 3-16 I s irk pyr k gš fd yxHkx 66 vkj {k.k ds dkj.k vuđ fpr tkfr ds ifjokja }kjk ifr'kr vkxuokMh dk; Đrđvka dh vk; q 35 o"ÍZ ; k I okvka ds mi ; ksx ea I dkj kRed i Hkko i Mh gā

I kj.kh 3-17 % vkxuokMh dk; Đrđvka dh oškfgd fLFkr 1/4 ũ; k=748 1/2

vofLFkr	oškfgd fLFkr				
	vfookgr (%)	fookgr (%)	foekok (%)	rykd'kpk ifr I @ vyx jgusokyh (%)	I Hh (%)
xteh.k	25 (5.5)	393 (85.8)	36 (7.9)	04 (0.9)	458 (100.0)
tutkrh;	17 (10.2)	137 (80.6)	14 (8.2)	02 (1.2)	170 (100.0)
'kgjh	23 (10.2)	85 (70.8)	11 (9.2)	01 (0.8)	120 (100.0)
tkM+	65 (8.7)	615 (82.2)	61 (8.2)	07 (0.9)	748 (100.0)



vuttko

3-2-5 i ; b{kd

vkauokMh dk; Þrkzvks ds dk; Zvuttko ds l æk eaHkh l þuk , df=r dh xbA vkauokMh dk; Þrkz ds dk; Zvuttko l ækh vkædMh l kj.kh 3-18 eafn, x, gA

I kj.kh 3-18 % vuttko ds vud kj vkauokMh dk; Þrkzvka dk fohkktu %"kz/41 d; k=748½

vofLFkr	vuttko %"kz				tKM+ (%)
	1-3 (%)	3-5 (%)	5-10 (%)	10+ (%)	
xteh.k	13 (2.8)	33 (7.2)	155 (33.8)	257 (56.1)	458 (100.0)
tutkrh;	06 (3.5)	07 (4.1)	32 (18.8)	125 (73.5)	170 (100.0)
'kgjh	07 (5.8)	05 (4.2)	24 (20.0)	84 (70.0)	120 (100.0)
tKM+	26 (3.5)	45 (6.0)	211 (28.2)	466 (62.3)	748 (100.0)

vkauokMh dk; Þrkzvkaeal s62 ifr'kr dks10 o"kz l svfekd l e; rd dk; Zdjus dk vuttko Fkkj tcfð mueal s28 ifr'kr dks5 o"kz l svfekd dk vuttko Fkka

tS k fd i gysmYys[k fd; k x; k gS vfekdkã kr% l Hkh vkauokMh dk; Þrkzvka 197 ifr'kr½ dks dk; Z l ækh if'k{k.k i ktr Fkk(i q'p; k z if'k{k.k l s l æækr flLFkr 74 ifr'kr Fkha bu nks cfju; knh if'k{k.k kã ds vykok] mueal syxHkx vkeks 148-9 ifr'kr½ us , d fnu dsfy, vFkok bl h iðkj vk; kstr fo'k; &vkekffjr fo'k{k {s=h; Lrjh; Lrj dk if'k{k.k i ktr fd; k Fkka ; s d s l y if'k{k.k vR; fekd d q k f'kr cPpkã cPpka ds fodkl dh ekWhVfjã] ifrj {k.k} nLr] l e g & fuekz k] l kep kf; d Hkxhnhkj dh ekã rFkk l eðdr cky fodkl l ok ds ukM y foHkx dh l Ec) ; kst ukvka ds l Eclæk ea vk; kstr fd, x, FkA

3-2-4 dk; Þrkzvka dh 'k{kd ; kx; rk

vkædMh l s; g nS[kk tk l drk gS fd vfekdkã k 143-2 ifr'kr½ vkauokMh dk; Þrkz eSvð mUkh.kz 23-3 ifr'kr mPprj eke; fed mUkh.kz rFkk 10 ifr'kr Lukrd FkA 'kk; n gh dk bZ, s k dk; Þrkz Fkk] tks fuj {k} gks 1/2 xHkx 1 ifr'kr½A

I eðdr cky fodkl l ok dk; Þe ds vxr; ; g ifj dYi uk dh xbZ gS fd l eðdr cky fodkl l ok ifj; kst ukvka ds vfekdkã k i ; b{kd xteh.k] tutkrh; rFkk 'kgjh l eðdr cky fodkl l ok ifj; kst ukvka ds fy, fu.khã ekunãMh ij fuHkj djãã foHkku iðkj dh l eðdr cky fodkl l ok ifj; kst ukvka ea vkauokMh dk; Þrkzvka ds dk; Z ea l ækj djus rFkk mudsexh'kz ds fy, iR; d l eðdr cky fodkl l ok ifj; kst uk ea rhu l s i k p i ; b{kd glãã fn'kkfunð kka ea; g mYys[k fd; k x; k gS fd i ; b{kd 21 l s 45 o"kz ds chp dh vk; qdh efgyk gks vS; ojh; r% l kekftd dk; Z xg foKku vFkok l Eclæk {s= ea Lukrd glã bl ckr ij Hkh cy fn; k x; k gS fd ml s xteh.k , oa tutkrh; {s=ka ea dk; Z djus dh vfhk#fp glã pñd jkT; l jdkja cMh l d; k ea l eðdr cky fodkl l ok ifj; kst uk, a pyk jgh gS bl fy, mUgkãus Hkh viuk, x, ekunãMh vS; HkrhZ dh i) fr & l hëkh vkauokMh dk; Þrkzvka ea l s inkbufr rFkk , s gh foHkxka l s ifrfu; qDr ij vkekffjr i ; b{kd ka dk , d l øZ rS kj fd; k gA mUkj inSk tS sjkT; eaf'o o cãd ; kst uk ds vxr; l fonkRed fu; qDr Hkh dh xbZ Fkha 25 jkT; ka ead; l fodkvka dks cky fodkl ifj; kst uk vfekdkjh@ l gk; d cky fodkl ifj; kst uk vfekdkjh ds in ij inkbufr fd; k tk l drk gA 21 jkT; ka eal hVka dk vkj {k.k fd; k x; k Fkka tcfð l kr jkT; ka ead kbZ vkj {k.k ugha Fkka jkT; ka@ l æk 'kkf l r {s=ka 1/2 ukM y foHkx 1/2 l s i ktr vkædMh ds vud kj i ; b{kd ka dh fu; qDr dh i) fr bl iðkj Fkr%

- i½ 3 jkT; ka@ l æk 'kkf l r {s=ka ea dõy inkbufrA
- ii½ 8 jkT; ka@ l æk 'kkf l r {s=ka ea dõy l hëkh Hkrhã
- iii½ 13 jkT; ka@ l æk 'kkf l r {s=ka ea inkbufr rFkk l hëkh Hkrhã nks jkã
- iv½ , d jkT; ea inkbufr] ifrfu; qDr rFkk l hëkh Hkrhã dh l þuk feyh] tcfð nl jkT; ka@ l æk 'kkf l r {s=ka us ; g vkædMh ugha fn; ka



i ; bškdkadh vk; ĩ vuĥko vksĳ ; kĳ; rk

dkjxj <a l s l ok, a inku djusea deĥkfj; ka dh vk; ĩ vuĥko vksĳ ; kĳ; rk dk i ; kĳr egĭo gA bl fy,] bl igywdk vė; ; u djus dk iz, kl fd; k x; kA

I kj.kh 3-19 l s ; g nškk tk l drk gš fd vfekdka k i ; bškdk 35 o"lZ l svfekd vk; qds Fkš tks; k rks Lukrd vFkok Lukrdkškj Fks vksĳ muds ikl 10 o"lZ l svfekd dk vuĥko FkA ; g , d vPNk l ašr gš D; kšd , d k irhr gšrk gš fd l ešdr cky fodkl l ok dk izėku vuĥkoh , oa ; kĳ; rki klr i ; bškdk }kjk fd; k tkrk gA

I kj.kh 3-19 % i ; bškdkadh vk; ĩ ; kĳ; rk vksĳ vuĥko ¼ ĩ ; k=294½

vofLFkfr	vk; q%o"lZ				; kĳ; rk			vuĥko			
	18-25 (%)	25-35 (%)	35-45 (%)	45+ (%)	voj Lukrd (%)	Lukrd (%)	Lukrdkšj (%)	<-3 (%)	3-5 (%)	5-10 (%)	10+ (%)
xkeh.k	01 (0.6)	33 (18.6)	87 (49.2)	56 (31.6)	37 (20.9)	73 (41.2)	67 (37.9)	13 (7.4)	11 (6.2)	37 (20.9)	114 (64.4)
tutkrh;	02 (3.0)	13 (19.4)	33 (49.3)	19 (28.4)	14 (20.9)	33 (49.3)	20 (29.9)	08 (12.0)	01 (1.5)	11 (16.4)	46 (68.7)
'lgjh	0 (0.0)	05 (10.0)	31 (62.0)	14 (28.0)	05 (10.0)	22 (44.0)	23 (46.0)	03 (6.0)	0 (0.0)	09 (18.0)	38 (76.0)
tkm+	03 (1.0)	51 (17.3)	151 (51.4)	89 (30.3)	56 (19.0)	128 (43.5)	110 (37.4)	24 (8.1)	12 (4.1)	57 (19.4)	198 (67.3)

bl izkj] vka uokMh dk; ĩrkvka dh f'k{kĳ vuĥko vk; qvksĳ i'k{k.k dh fLFkfr ds fo'yšk.k l s irk pyr gš fd muea l s vfekdka k ešvd mĭkh.kz vFkok bl l svfekd f'kf{kr Fkš 10 o"lZ l s vfekd rd l ok dj pšds Fkš 25&35 o"lZ vk; q l eW ds Fks rFkk l Hkh i'f'fk{kr FkA l ešdr cky fodkl l ok dk; ĩe ds fy, ; g , d l dkj kRed mi yf'ek gš D; kšd bl izkj ds dk; ĩrk l okvka dks i Hkkoh <a l s inku djus dh n'V l sfuf'pr : i l s egĭoi wĳ gA

3-2-6 cky fodkl i fj ; kst uk vfejdkjh

i R; d cky fodkl i fj ; kst uk vfejdkjh dk p; u djuk gšrk gš vksĳ ml s l ešdr cky fodkl l ok i fj ; kst uk dk i Hkkjh cuk fn; k tkrk gšfn'kkfunš kka ea

; g mYy[k fd; k x; k gšfd cky fodkl i fj ; kst uk vfejdkjh ojh; r%dkbZefgyk gš ft l ds ikl fuEufyf[kr ea l s fd l h fo"k; ea Lukrdkškj dh fMxh gš%

- i½ cky fodkl
- ii½ l kelftd dk; l
- iii½ xg fokku
- iv½ i kškkkj
- v½ dkbZ vl; l Ec) {k=

I ešdr cky fodkl l ok i fj ; kst ukvka dsmšs ; ka dh i klr cgr gn rd cky fodkl i fj ; kst uk vfejdkjh dh {kerkva vksĳ dkskyka i j fuĥkj djrh gš ft l sny ds usk ds : i ea dk; l djuk gšrk gA ml dh ; kĳ; rkvka ds

vrfjDr ml dk yphyki u vksĳ dksky i fj ; kst uk dh xfr vksĳ fn'kk dks r; djrk gA ml ea i fj ; kst uk ny ds vl; l nL; ĩ LoPNd dk; & drk vka rFkk uskva vksĳ vl;

xš&l jdkjh deĥkfj; ka l s ?kyu&feyus dh Hkh {kerk gšrk pfg, A , d cky fodkl i fj ; kst uk vfejdkjh dks dšy vi uh l hV rd l hfer u gkšj ykškdard i gpus ea Hkh l eFkz gšrk pfg,] D; kšd ml sykHkFkz, ĩ dk; ĩrkvka rFkk 100 l s Hkh vfekd xkəka vFkok Nkš/h cflr; ka ds l kmpf; d uskva dk i ; bšk.k djuk gšrk gA efgyk vksĳ cky fodkl foHkkx] Hkkjr l jdkj us Hkh 18 tw] 1981 ds vi us i fj i = l ĩ ; k 13¼@86&l h Mh ds rgr cgr cMš-xkeh.k vksĳ tutkrh; l ešdr cky fodkl l ok i fj ; kst ukvka ea l gk; d cky fodkl i fj ; kst uk vfejdkfj; ka dk i koekku fd; k gA l ešdr cky fodkl l ok dk; ĩe ds ōfed foLrkj ds l kFk gh jkT; l jdkj ka dks cky fodkl i fj ; kst uk vfejdkfj; ka vksĳ i ; bškdkadh HkrhZ ds fy, , d l ok l ftr djus dh l ykg nh xbZ gA ?kuh vkcknh okys vfekdka k jkT; ka us



HkrhZ l s l Ecflekr vi uh futh i) fr cukbz gA vka dM/s- n'kkZ's gA fd 21 jkT; ka ea cky fodkl ifj; kst uk vfekd kfj; ka ds vull; I oxZ Fkš tcf d 10 jkT; ka dk ifrfu; (Dr) inkbufr rFkk l fonk dks feyk dj , d l a Dr l oxZ FkA d y jkT; ka ea l s 25 jkT; ka us i ; bšk dka dh cky fodkl ifj; kst uk vfekd kjh@ l gk; d cky fodkl ifj; kst uk vfekd kjh ds in ij inkbufr dh uhfr vi ukbz FkA nš k ds rjg jkT; ka us vi us cky fodkl ifj; kst uk vfekd kjh dks Hkkjr l jdkj }kjk rFkk l ešdr cky fodkl l ok l s l ešdr jkT; ukM/y foHkkx }kjk tkjh fd, x, l Hkh ifji=@fn'kkfunž k fu; fer : i l smiyČek dj k, A l e; & l e; ij jkT; l jdkj ds vknš k ds vuq kj vkj {k.k l s l ešdr HkrhZ dh i) fr dks vi uk; k x; kA

; | fi ; kst uk ds fn'kkfunž kka ds varxř ; g ifjdYi uk dh xbz gsf d cky fodkl ifj; kst uk vfekd kjh oj h; r% d kbZ efgyk gksh pkfg, A rFkfi] ; g ik; k x; k fd l Hkh cky fodkl ifj; kst uk vfekd kfj; ka ea l s yxHkx , d&frg kbZ 2-7 ifr'kr ½ cky fodkl ifj; kst uk vfekd kjh i # " k FkA ; g ifr'kr fo'o cš l l gk; rk&i nŪk ifj; kst uk vka ds ekeys ea d y 14 ifr'kr Fkš t gka efgyk cky fodkl ifj; kst uk vfekd kjh yxHkx 86 ifr'kr FkA l kj.kh 3-20 ds varxř cky fodkl ifj; kst uk vfekd kfj; ka dh vk; ĩ ; kx; rk, a včš vuttko dk mYy [k fd; k x; k gA

mi ; Dr l kj.kh l s ; g nš kk tk l drk gsf d vfekd k k cky fodkl ifj; kst uk vfekd kjh ¼ 498-3 ifr'kr ½ 45&55 o"lZ vk; & l eW ds Fkš tcf d 32-7 ifr'kr 35&45 o"lZ vk; & l eW ds FkA 57-2 ifr'kr cky fodkl ifj; kst uk vfekd kjh Lukrd kš kj mŪkh.kZ

Fkš tcf d d y 6-1 ifr'kr voj Lukrd FkA yxHkx 31 ifr'kr cky fodkl ifj; kst uk vfekd kfj; ka dks 3 o"lZ l s de dk vuttko Fkš tks dŪN jkT; ka ea bl J s kh ds de p kfj; ka ds vDI j gkus okys LFkkukarj . kka l s ifjyf {kr gkr k gA d y feyk dj} l Hkh de p kfj; ka dh : i j s [krvka l s l Fkr l r kš k t ud i r hr gkr h gš D; kš d mueal svfekd k k ifj i Do] vuttkoh] ; kx; rFkk if'kf {kr dk; ŽrkZ gA bl l s ; g l fcr gkr k gsf d l ešdr cky fodkl l ok l s l ešdr dk; Žeka dk izaku ; kx; rk&i k r rFkk if'kf {kr de p kfj; ka }kjk fd; k tkuk l fufr pr djus l eškh iz k l l Qy jgk gA

3-2-7 I ešdr cky fodkl I ok ifj; kst uk vka ds l eškh ea vll; C; kš s

jkT; l jdkj ka l s l ešdr cky fodkl l ok ds varxř okgu dh 0; oLFk vkd fLedrk ds varxř fufek; ka dh i; kš rrk rFkk ih vks , y vkfn ds l eškh ea dŪN iz kkl fud včš l a BukRed l p uk , d= dh xbz FkA l ešdr cky fodkl l ok l s l ešdr 25 jkT; ukM/y foHkkx ka ds vfekd kfj; ka }kjk l fufr fd; k x; k Fk fd ml gkus vkd fLed 0; ;] l p uk f'k {k včš l p k j ¼ vkbZ bz l h ½ dk; Žyki ka rFkk ih vks, y ds fy, i; kš r fufek dh 0; oLFk dh FkA 20 jkT; ka l eškh 'k k l r {k=ka evka uok l h dk; ŽrkZ/ka, oal gk; dka d k sekunš dk fu; fer : i l s Hkqrku fd; k x; k tcf d 12 jkT; ka us 2 l s 4 eghus ea foye l s Hkqrku dh l p uk nhA

cky fodkl ifj; kst uk vfekd kfj; ka ds fy, i fji =ka , oa fn'kkfunž kka dh mi yČekrk muds dk; ka dks rš kj

I kj.kh 3-20 % cky fodkl ifj; kst uk vfekd kfj; ka dh vk; ĩ ; kx; rk včš vuttko ¼ d ; k=147½

vofLFkr	vk; q ¼ o"lZ ½				; kx; rk			vuttko			
	25-35 (%)	35-45 (%)	45-55 (%)	55+ (%)	voj Lukrd (%)	Lukrd (%)	Lukrd kš kj (%)	0-3 (%)	3-5 (%)	5-10 (%)	10+ (%)
xteh.k	9 (9.9)	24 (26.4)	51 (56.0)	7 (7.7)	7 (7.7)	32 (35.2)	52 (57.1)	33 (36.3)	08 (8.8)	19 (20.9)	31 (34.1)
tutkrh;	6 (18.8)	12 (37.5)	12 (37.5)	2 (6.3)	2 (6.3)	14 (43.8)	16 (50.0)	08 (25.1)	01 (3.1)	14 (43.8)	09 (28.1)
'kgjh	2 (8.3)	12 (50.0)	8 (33.3)	2 (8.3)	0 (0.0)	8 (33.3)	16 (66.7)	05 (20.9)	04 (16.7)	05 (20.8)	10 (41.7)
tkM+	17 (11.6)	48 (32.7)	71 (48.3)	11 (7.5)	9 (6.12)	54 (36.7)	84 (57.2)	96 (31.3)	13 (8.8)	38 (25.9)	50 (24.0)



x.kd ds: i eal q ke; cukuk gA yfdu ifji=kadk l 13 jkT; kaeadoy ifj; kstuk Lrj ij miycek FkA , d=dh xbZ l puk l s; g irk pyrK gSfd 24 jkT; ka@l ak jkT; {ks=ka dks okgu rFk ih vks, y dsfy, fufek l e; l smiycek djK, x, FkS tcfD pkj jkT; ka@l ak 'kkfl r {ks=kaea; g l fpekk mi; D r : i l sughami ycek djkbZxbZ FkAA bl igywi j 'kSk 7 jkT; ka@l ak 'kkfl r {ks=ka l s dkbZ l puk i klr ugha gpbZ FkAA

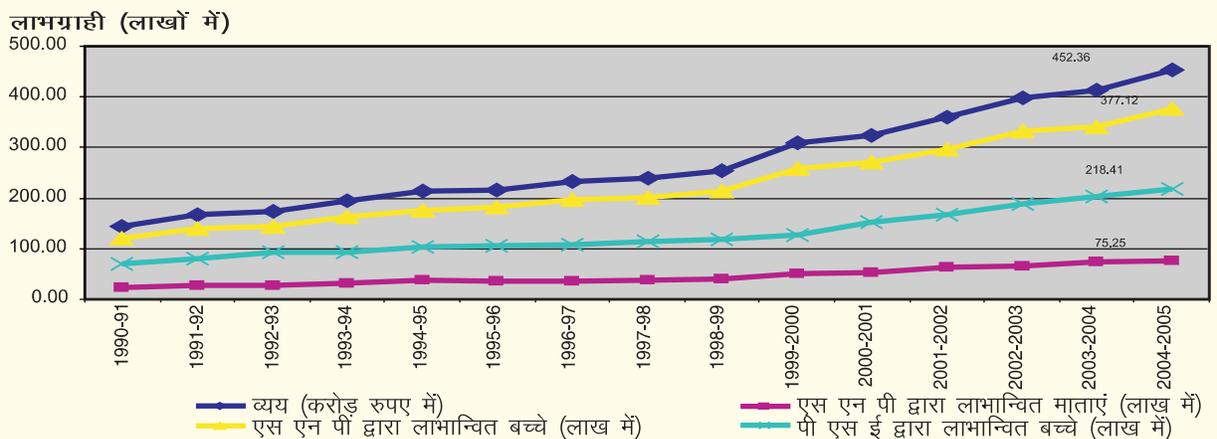
3-3 ykHkxkfg; kadh : i jS[kk

fuEufyf[kr ifjPNnka ea ve; ; u ds vrxr 'kkfey fd, x, ueuk ifjokjka l s l EcflEkr ykHkxkfg; ka dh eQ; fo'kSk r k, a crkbZ xbZ gA bu fo'kSk r k vka ds vrxr] vl; ckrka ds l kFk&l kFk mudh l kelftd& vkfFkd flFkr; ka mu ifjokjka ds idkj ftul s os l cfekr gA ?kjsyw vkdkj rFk , d h gh vl; ckrka 'kkfey gA 750 vkauokfM+ ka l s l cfekr 16]138 ykHkxkgh ?kjka dk , d ueuk inf'kr fd; k x; k FkAA

fp= 3-11 ea l efdr cky fodkl l ok ds vrxr fofHkUu l okvka dh rgyuk ea ykHkxkfg; ka ds dojst rFk bu l okvka ij 1990 l s 2005 rd

fd, x, 0; ; dk irk pyrK gS tksfi Nys 15 o"kkA ds nkS ku of) dh flFkr dks inf'kr djrk gA bl l s l kQ irk pyrK gSfd fofHkUu l okvka ij 0; ; 15 o"kkA ea rhu xuk 1/1990&91 ds nkS ku 44-00 djkm+ #i, 1/2 gks x; k gA fofHkUu l okvka ds vrxr ykHkxkfg; ka dh l a; k dh flFkr , dl eku gS & l anHkzEkh vofek ds nkS ku l Hk Jf.k; ka ds ykHkxkfg; ka dh l [; k c<dj rhu xuk gks xbZ gA ij d i kSkkgkj i klr djus okys ykHkxkfg; ka 1/2 PpkB ds ekeys ea o"kz 1990&91 ds nkS ku 120-79 yk[k cPps ykHkUor gq] tcfD 2004&05 ds nkS ku muea l s 377-12 yk[k cPps 'kkfey fd, x, FkA bl h idkj] o"kz 1990&91 ds nkS ku ij d i kSkkgkj i klr djus okyh ekrkva dh l a; k 23-21 yk[k Fkh] tcfD 2004&05 ds nkS ku 75-25 yk[k ekrkva dks ykHk gqkA l efdr cky fodkl l ok ds Ldwy&i wZ f'k{k ?kVd ds vrxr 'kkfey cPpka ds ekeys ea o"kz 1990&91 ea ; g l a; k 69-00 yk[k Fkh] tks o"kz 2004&05 ea c<dj 218-4 yk[k gks xBA

fp= 3-11 % l efdr cky fodkl l ok ds vrxr ykHkxkfg; ka dk dojst 1/1990&2005



l r%efgyk vj cky fodkl fofHkx] Hkjr l jdkj dh fofHkUu ok'kd fji kVA



3-3-1 uewk ifjokjka eay{; vkcknh

i R; fFkz; ka dh I a; k ds I aHkZ ea I Hkh vkacuokfM+ ka ea I fefyr ?kjka dh I a; k I eku Fkha I kj.kh 3-21 n'kkrh gSfd tutkrh; ifj; kstuvka

gSfd LokLF; f'k{kk dk; Zdyki ka rFkk LokLF; vkj i kSkkgkj I þokvka ds mi; kx ds dkj.k I efdr cky fodkl I þok dk; Ðe ds varxir vkusokys ifjokjka ea Nks/s ifjokj dh voekkj.kk us i Hkkodkjh igp cukbz gA y{; vkcknh ea I cl s vfekd iztuu{ke 35 o"lz

I kj.kh 3-21 % uewk ifjokjka eay{; vkcknh ¼ u=16]38½

Ðe I a	yHkkxigh	vkcknh					
		xteh.k	%	'kgjh	%	tutkrh;	%
	cPps						
i)	cPps 10&3 o"lz	7260	12.9	1842	13.7	2362	11.9
ii)	cPps 13&6 o"lz	6367	11.4	1662	12.3	2255	11.3
	I Hkh cPps	13627	24.3	3504	26.0	4617	23.2
	efgyk, a						
i)	xHkbrh efgyk, a	1840	3.3	488	3.6	683	3.4
ii)	Lruiku djkusokyh ekrk, a	1852	3.3	480	3.6	710	3.6
iii)	vU; efgyk, a 15&45 o"lz	9427	16.8	2187	16.2	2737	13.7
	I Hkh efgyk, a	13119	23.4	3155	23.4	4130	20.7
	dy vkcknh	56079	-	13476	-	19924	-

ea 0&3 o"lz ds cPps ?kj yw vkcknh dk 12 ifr'kr gA rFkfi ; g vkadMk 'kgjh ifj; kstuvka ea rgyukRed : i I svfekd 1&3-7 ifr'kr ½ Fkka bl dsckn tutkrh; ifj; kstuvka 1&2-9% dk LFkku Fkka ; gh I eku i dfUk 3&6 o"lz ds vU; oxz ds ykHkkFkhz cPpka ea i kbz xbz gS & xteh.k ifj; kstuvka ea 11-4 ifr'kr] 'kgjh ifj; kstuvka ea 11-3 ifr'kr vkj var% tutkrh; ifj; kstuvka ea 11-3 ifr'krA tgka rd xHkbrh efgyvkadk I æak gS xteh.k ifj; kstuvka ea I cl s de ifr'kr rkj vFkkZr 3-3 ifr'kr jgh gA bl ekeys ea tutkrh; vkj 'kgjh ifj; kstuvka, a Ðe'k% 3-4 ifr'kr rFkk 3-6 ifr'kr ds : i ea FkkaMh I h cgrj gA Lruiku djkusokyh ekrk vka ds ekeys e] 'kgjh vkj tutkrh; ifj; kstuvka, a cjkj 1&3-6 ifr'kr ½ gS tcf d xteh.k ifj; kstuvka dk ifr'kr dõy 3-3 jgk gS vr% vkadMk ; g Hkh inf'kr djrk

I s de vk; & oxz ea efgyvkadk dh vfekd I a; k rFkk , dy ifjokj dh I cl s vfekd i pgrk ds dkj.k Hkh] 'kgjh rFkk tutkrh; ifj; kstuvka ea mDr vkadMk FkkaMk I k cgrj gA

I kj.kh 3-22 inf'kr djrk gSfd vè; ; u ds varxir vkusokys ?kjka ea 0-83 ifr'kr cPps fodykax gA bu ea I s 55-56 ifr'kr cPps I efdr cky fodkl I þok dk; Ðe I s ykHkkflor gks jgs gA ; g irk pyk gS fd 3&6 o"lz 1&7-86 ifr'kr ½ ds vk; & oxz ea ykHkkflor fodykax cPpka dh I a; k 0&3 o"lz 1&4-79 ifr'kr ½ ds vk; & oxz I s I æfkr cPpka I s T; knk gA

I kj.kh 3-22 % ykHkkFkhz fodykax cPps ¼ a; k=16]138½

Ðe I a	y{; I eW	dy cPps	fodykax		fodykax ykHkkFkhz	
			I a; k	dy dh ifr'kr rk	I a; k	ifr'kr
	cPps					
1.	cPps 10&3 o"lz	11464	96	0.83	43	44.79
2.	cPps 13&6 o"lz	10284	84	0.82	57	67.86
	I Hkh	21748	180	0.83	100	55.56



vud fpr tkfr; ka tutkr; k; vU; fi NMs
 oxka rFkk vU; oxka l s l cfekr ykHkkfFkz; ka dh l d; k
 dk irk yxkus ds fy, vkadMka dk tkfr; ka ds vkekkj
 ij fo'ySk.k fd; k x; k Fkk ¼ kj.kh 3-23¼A

4 ifr'kr Øe' k% Fkka l kj.kh ds jS'kkfdr egloi wkz
 fu"d"K Li"V : i l s mYyS'k djrs gS fd vka uokMh
 eq; r% xjhc ifjokj k; fo'kSkdj xjhc dh jS'kk l s
 uhps vkus okys ifjokj ka dh t: jrka dks ij k djrh gA

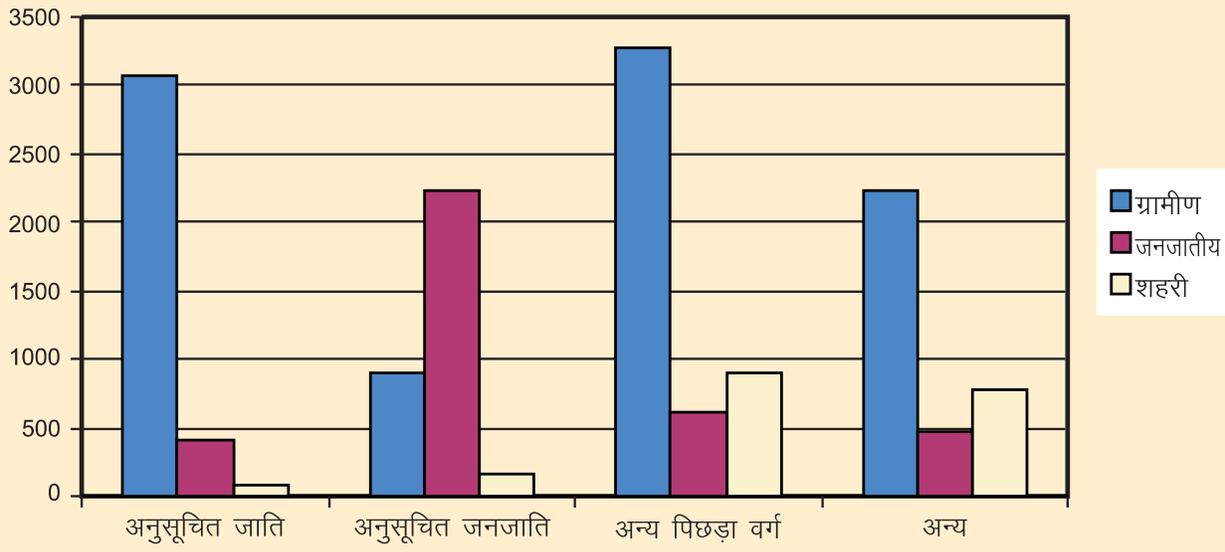
I kj.kh 3-23 dk vkadMk ¼ fp= 3-12 Hkh½ ; g
 mfYyf[kr djrh gS fd ykHkkfFkz; ka dh l cl s vfed
 ifr'krk vU; fi NMs oxka ¼ 29-6 ifr'kr½ l s Fkka
 ml ds ckn vud fpr tkfr; ka ¼ 26-3 ifr'kr½ dk
 LFkku Fkka vU; tkfr; kavS; vud fpr tutkr; ka ds
 ifrfufekRo dschp vrj ux.; ¼ 21-4 ifr'kr vS; 20-

; g l oZofnr gS fd l Ei l u 0; fDr vi us cPpka
 dks futh l d; k; ckyokMh ul j h bR; kfn ea Hkst us ij
 rj thg nrs gA MkVk , d=hdj.k ds nS; ku ; g Hkh
 i k; k x; k fd futh ul j; ka ea Hkst us ds fy, yMe ka
 dks rj thg nh tkrh Fkka MkVk l s irk pyk gS fd
 fo'o cM l gk; rk&inUk l efdr cky fodkl l ok

I kj.kh 3-23 % tkfr ds vkekkj ij ykHkkfFkz ifjokj ¼ d; k=16]138½

ifj; kst uk dh vofLFkr	tkfr; ka				
	vud fpr tkfr; ka (%)	vud fpr tutkr; k (%)	vU; fi NMs (%)	vU; (%)	tkM+ (%)
xkeh.k	3062 (31.7)	900 (9.3)	3274 (33.9)	2222 (23.0)	9661 (100.0)
tutkrh;	402 (10.8)	2227 (59.6)	607 (16.2)	461 (12.3)	3737 (100.0)
'kgjh	775 (28.3)	165 (6.0)	900 (32.8)	771 (28.1)	2740 (100.0)
tkM+	4239 (26.3)	3292 (20.4)	4781 (29.6)	3454 (21.4)	16138 (100.0)

fp= 3-12 % ykHkkfFkz ifjokj ka dk tkrh; l d; k



ifj; kst ukvka ea vU; fi NMš oxkã dk ifrfufekRo 46 ifr'kr Fkk rFkk vuđ w fpr tkr; ka dh ifr'krk 1/21-6 ifr'kr½ yxHkx I eku FkA fu; fer I ešdr cky fodkl I ok ifj; kst ukvka ea Hkh fi NMš oxkã 1/28-3 ifr'kr½ dh ifr'krk I cl s vfed ; k ml ds ckn vuđ fpr tkr; ka 1/27-0 ifr'kr½ dk LFkku FkA xš&l jdkjh I xBu&pkfyr ifj; kst ukvka ea vuđ fpr tutkr; ka vksj vU; tkr; ka dh ifr'krk I eku FkA bl ds ckn fi NMš oxkã vksj vuđ fpr tkr; ka 1/23-5 ifr'kr½ dk LFkku FkA vka uokM+; ka dk vkcknh dk ifrfufekRo {ks= dh vkcknh ij fuHkj djrk gA

I R; fFkz; ka dh ekkfed I Ec) rk I eakh MKVk I s irk pyk fd xkeh.k I ešdr cky fodkl I ok ifj; kst ukvka ea 85 ifr'kr fgluW Fkš ftl ds ckn 'kgjh ifj; kst ukvka ea 8 ifr'kr vksj tutkrh; ifj; kst ukvka ea 72 ifr'kr dk LFkku FkA dgy feykj] fgluW 82 ifr'kr] efl ye 8-6 ifr'kr vksj bl kbZ 0-1 ifr'kr FkA vU; eke] tš s tš] c] fl D[k bR; kfn 0; fDr; ka dh I š; k 1/2-9 ifr'kr½ ux.; FkA

I R; fFkz; ka l smudsdf'k&; kx; Hk&I Ei fUk; ka dh fLFkr dsckj; ea tkudkj; ekax xbz FkA ; g irk pyk fd muea I s 55 ifr'kr Hkfeghu Fkš tcfv vU; 28 ifr'kr ds ikl Hkfe gš tks, d gDVš j I sde FkA ; g irk pyk fd , d vksj nks rFkk nks gDVš j I s vfed Hk&I Ei fUk ds ekfydka dh I š; k 8 ifr'kr I s Hkh de gA ftuds ikl pkj gDVš j I svfed dh Hk&I Ei fUk gš osigkM] e: Hkfe vksj tutkrh; {ks=ka ea jgrs FkA ; g n'kkzrk gš fd I ešdr cky fodkl I ok dk; Dē Hkfeghu] Nks/s vksj I hekar fd I kuar Fkk dfBu Hkš kšfyd fLFkr; ka ea jgus okys ifjokjka dks Hkh vi us nk; js ea ykusea l eFkz jgk gA bl ds vfrfjDr] MKVk ; g n'kkzrk gš fd fo'o cšd I gk; rk&i nUk I ešdr cky fodkl I ok ifj; kst ukvka ds varxZ I fefyr nl ea I s Ng ifjokj Hkfeghu gA bl ds ckn fu; fer I ešdr cky fodkl I ok ifj; kst ukvka 1/5-4-8 ifr'kr½ dk LFkku Fk vksj xš&l jdkjh I xBu&l pkfyr ifj; kst ukvka ea ifr'krk vfedkã I eku ikbz xbz FkA

Hkkrh; ifjokj i usl a Đr vksj foLrkfjr ifjokj okys vLrRo I s, dy ifjokj ds I fekd ky I s xqtjh gA bl vè; ; u I s irk pyk fd ykHkFkz ka ds nl ifjokjka ea I s Ng ifjokj , dy ifjokj Fkš tcfv I a Đr ifjokj I Hkh izkj ds ifjokjka dk , d&frgkbZ FkA ; g Hkh ik; k x; k fd 'kgjh {ks=ka ea 62 ifr'kr ifjokj xkeh.k 1/59-0 ifr'kr½ vksj tutkrh; 1/59-8 ifr'kr½ ifj; kst ukvka ea bl izkj ds ifjokj dh ifr'krk vfedkã kr% I eku FkA I a Đr ifjokjka 1/36-0½ dh vfedre ifr'krk xkeh.k I ešdr cky fodkl I ok ifj; kst ukvka ea ikbz xbz Fkh] tks I Hkor% d'k izdr ds I ekt ds dkj.k Fkj bl ds ckn 'kgjh 1/30-4 ifr'kr½ vksj tutkrh; 1/29-0 ifr'kr½ ifj; kst ukvka dk LFkku FkA I kj.kh 3-24 ifjokjka ds izkj ds vuđ kj ykHkFkz ifjokjks dk forj.k n'kkzrk gA

I kj.kh 3-24 % ykHkFkz ifjokj cuke ifjokjka dk izkj 1/4 š; k=16138½

vkbz Hkh, I ifj; kst uk dh izdr	ifjokjka ds izkj dk C; kš k			
	Ldy %	I a Đr %	foLrkfjr %	I Hkh %
xkeh.k	5696 (59.0)	347 (36.0)	466 (4.8)	9661 (100.0)
tutkrh;	2233 (59.8)	1083 (29.0)	412 (11.0)	3737 (100.0)
'kgjh	1706 (62.3)	833 (30.4)	192 (7.0)	2740 (100.0)
tkm+	9635 (59.7)	5393 (33.4)	1070 (6.6)	16138 (100.0)

fu; fer] fo'o cšd I gk; rk&i nUk vksj xš&l jdkjh I xBu&l pkfyr ifj; kst ukvka dh vofLFkr dks è; ku ea j [krs gq ifjokj ds izkjka cuke ykHkFkz ifjokjka dk eW; kađu dju ds fy, vka dMka dk fo' ysk.k fd; k x; k FkA fu; fer I ešdr cky fodkl I ok ifj; kst ukvka ea I a Đr ifjokjka dh ifr'krk U; wure : i ea 33 rd fxjkoV gpZ vksj fo'o cšd 1/38-1 ifr'kr½ ds ekeys ea of) dk #>ku ik; k x; k Fkj tcfv xš&l jdkjh I xBu&l pkfyr ifj; kst ukvka 1/32-0 ifr'kr½ ds ekeys ea fxjkoV ikbz xbz FkA fu; fer I ešdr cky fodkl I ok ifj; kst ukvka 1/7-0 ifr'kr½ ea



foLrkfjr ifjokjka eac<rk #>ku vks vl; Jf.k; ka dh ifj; kst ukvka 1/10'o cđl ifj; kst ukvka ea 4-1 ifr'kr rFkk xš&l jdkjh l xBu l pkfyr ifj; kst ukvka ea 4-8 ifr'kr 1/2 ea Hkkjh fxjkoV nđkh xbZ FkA

I kj.kh 3-25 fofHkku izdkj ds I ešdr cky fodkl I ok ifj; kst ukvka ea ifjokjka ds vkdkj n'kkzrh gS rFkk #fpdj ifj.kke I keus vk, gA

I kj.kh 3-25 % ifjokjka izdkj dk fofHkku 1/4 đ; k=16138 1/2

vkbZ Hkh, l ifj; kst uk dh izdfr	ifjokj dk vkdkj 1/10; fDr 1/2				
	5 (%) rd	6-10 (%)	11-15 (%)	16 vks ml l s vfekd (%)	I Hkh (%)
xkeh.k	5624 (58.2)	3560 (36.8)	432 (4.5)	45 (0.5)	9661 (100.0)
tutkrh;	2277 (60.9)	1336 (35.8)	114 (3.1)	10 (0.3)	3737 (100.0)
'kgjh	1739 (63.5)	897 (32.7)	97 (3.5)	7 (0.3)	2740 (100.0)
tkm+	9640 (59.7)	5793 (35.9)	643 (4.0)	62 (0.4)	16138 (100.0)

I kj.kh 3-25 l s inf'kr gsrk gSfd ifjokjka ds vkdkj ds l cđk ea 1/5 0; fDr; ka rd 1/2 nl ifjokjka ea l s Ng ifjokj 1/5-7 ifr'kr 1/2 jk"Vh; vkadMs ds vuq i gA bl ds ckn Ng l snl ds chp l nL; okys ifjokj ds ifjokjka dk 36 ifr'kr dk LFkku vkrk gA nl jk #fpdj fu"d"lz; g Fkk fd 11 vks bl l s vfekd l nL; ka okys ifjokj ds 4 ifr'kr gA l keW; er ; g gSfd 'kgjh ifjokj vkdkj ea Nks'vks , dy gksr gA fdUrq vkadMka l s inf'kr gsrk gSfd 'kgjh I ešdr cky fodkl I ok ifj; kst ukvka ea Hkh ifjokjka dk vkdkj Ng l s nl 1/2-7 ifr'kr 1/2 ds chp fjdkMZ fd; k x; ka

vè; ; u vkadMka dk vks fo'ySk.k ; g n'kkzrh gS fd fu; fer vks xš&l jdkjh l xBu l pkfyr I ešdr cky fodkl I ok ifj; kst ukvka ea Ng l snl ds chp l nL;

I kj.kh 13-26 % ykHkFkZ ?kjs dh ekf l d vk; 1/4 đ; k=16138 1/2

vkbZ Hkh, l ifj; kst uk dh izdfr	ifr ?kj ekf l d vk; #i, ea					
	<2000 (%)	2000&4000 (%)	4000&6000 (%)	6000 & 10 000 (%)	>10-000 (%)	tkm+ (%)
fu; fer vkbZ Hkh, l ifj; kst uk, a	6455 (47.04)	4600 (33.53)	1716 (12.51)	601 (4.38)	201 (1.46)	13721 (100.0)
fo'o cđl l gk; rk&inÜk	911 (62.48)	387 (26.54)	108 (7.41)	32 (2.19)	13 (0.89)	1458 (100.0)
xš&l jdkjh l xBu	493 (51.41)	353 (36.81)	69 (7.19)	26 (2.71)	8 (0.83)	959 (100.0)
I Hkh {k=	7859 (48.7)	5340 (33.1)	1893 (11.7)	659 (4.1)	222 (1.4)	16138 (100.0)

okys ifjokjka dk vkdkj 0e'k% 36-3 ifr'kr vks 36-5 ifr'kr Fkka nks&frgkbZ fo'o cđl l gk; rk&inÜk I ešdr cky fodkl I ok ifj; kst ukvka ea i k p rd ds vkdk okys ifjokj ds ckjs ea fjiksZ nh gA vl; ifjorZdkjh ?kVdka ds l nHkZ ea varj ux.; ik; k x; k Fkka vkadMs n'kkzrh gSfd I ešdr mik; djus grq I enk; dks ifjr djus ds fy, ifj; kst uk Lrj ds dk; ZrkZka }kjk l rr iz kl fd, tkus dh vko'; drk gS rkfd Hkfo"; ea ifjokjka ds vkdkj ea deh gks rFkk efgykva vks cPpka ds l okZk.k fodkl ds y{; dks ikr fd; k tk l dA

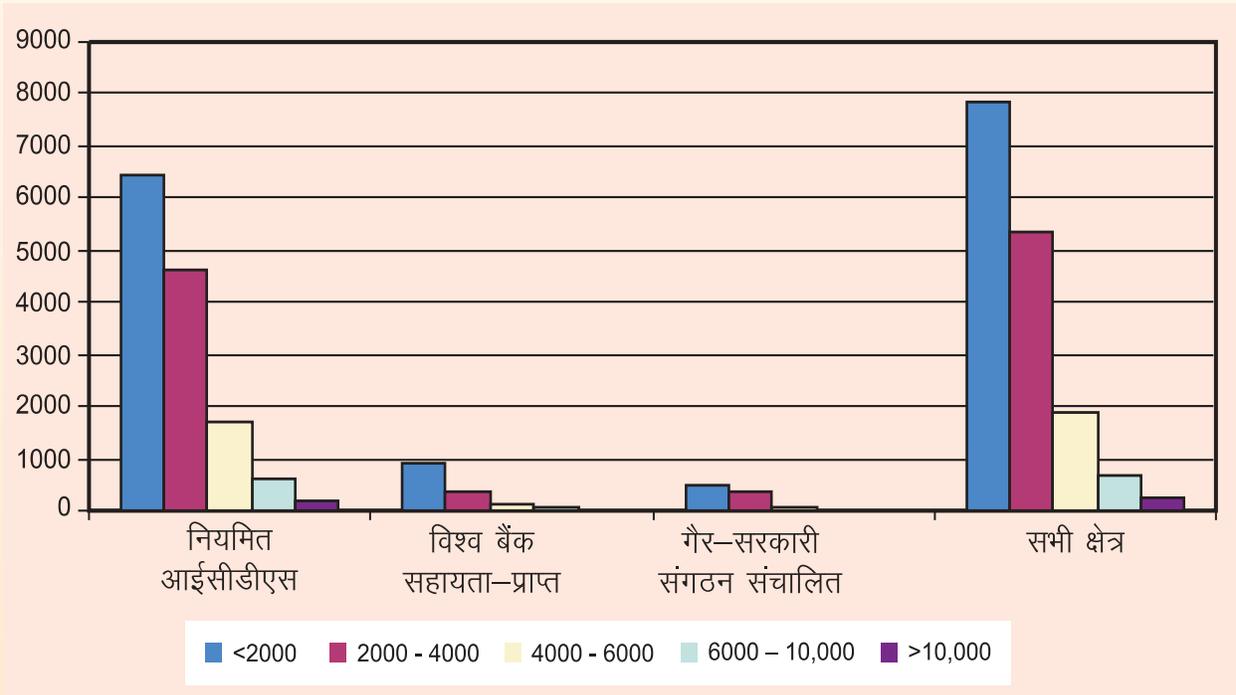
ifjokj dk dY; k.kj eđ; r% ifjokj dh vk; ij fuhkZ djrk gS vks l kFk gh ifjokj ds; kst ukxr

ctV l s tMk gsrk gS rfd ifjokj fo'kSkdj cPps vks efgykva dh t: jrka dks I ešdr : i l siyk fd; k tk l dA fd l h ifjokj dks xjhch jđkk ds Åij ekuk tkrk gS tc bl dh ekf l d vk; 2000@& #i, ifrekg l s vfekd gsrh gS Hkkjr dk vkfFkd l ok.k & 2004/A bl vkekkj ij ueuk ?kja dh ekf l d vk; dk fo'ySk.k I kj.kh 3-26 ea fn; k x; k gA

I kj.kh 3-26 1/4p= 3-13 Hkh 1/2 n'kkzrh gSfd fo'o cđl l gk; rk&inÜk I ešdr cky fodkl I ok ifj; kst ukvka 1/2-5 ifr'kr 1/2 ds varZ , s s ifjokjka



fp= 3-3 % ykHkFkH i fjokja dh ekfI d vk; 1/4-1/2



dk ifr'kr 60 I s FkkMk vfedk Fkk ftudh ekfI d vk; 2000@& #i, ifrekg I s de FkhA bl ds ckn] xj&I jdkjh I xBu I pkfyr ifj; kstuvka 1/51-41% dk LFku Fkk vj fu; fer I efdr cky fodkl I ok ifj; kstuvka dh bl ea fgLI nkjh 47 ifr'kr ?kja ds I kFk FkhA xj&I jdkjh I xBu I pkfyr ifj; kstuvka ds yHkx 37 ifr'kr ?kja us vk; ds ckj sea 2000@& #i, vj 4000@& #i, ifrekg ds chp crk; k gA bl ds ckn fu; fer I efdr cky fodkl I ok ifj; kstuvka 1/33-5 ifr'kr dk LFku gS rFk fo'o c d I gk; rk&inUk I efdr cky fodkl I ok ifj; kstuvka ea , d&pkFkkbz 1/26-5 ifr'kr I s FkkMk vfedk gA ; g ik; k x; k fd 4000@& #i, &6000@& #i, I svfedk dh vk; okys ?kja dk ifr'kr 12 FkA bl I hek I s vfedk vk; okys ifjokj 1/5-5 ifr'kr 1/2 I a Qr ifjokj FkA ?kja ea vuq akku ny ds nk's ds nk's ku ; g ik; k x; k fd vkeks I s FkkMk T; knk 1/52-8

ifr'kr 1/2 tutkrh; ifjokja dh vk; 2000@& #i, I s de FkhA

bl ds ckn xkeh.k ifjokja 1/49-5 ifr'kr dk LFku FkA pkyhl ifr'kr 'kgjh ifjokj bl vk; &oxZ ea ik, x, FkA bl dk dj.k 'kk; n 'kgjh {k=ka ea miycek dk; Z vj etnih ds cgrj vol j FkA 'kgjh ifj; kstuvka eanl ifjokja eal spkj ifjokja dh vk; 2000@& #i, & 4000@& #i, vj tutkrh; ifj; kstuvka 1/30-4 ifr'kr dk LFku FkA 'kgjh ifj; kstuvka ds 12-8 ifr'kr ?kja vj xkeh.k vj tutkrh; ifj; kstuvka I s iR; d ea 11-5 ifr'kr ?kja dh vk; bl I hek 1/4000&6000 #i, 1/2 svfedk FkhA tutkrh; ifjokja usbl I hek ds vks I cl s de ifr'kr rk inf'kr dh FkhA mPp vk; oxZ ds I c&ak ea 'kgjh vj xkeh.k ifj; kstuvka ds ekeys ea yHkx I eku ifr'kr 1/5-8 ifr'kr ns[kh xbZ gA bl varj dk Js xkeh.k vj 'kgjh

ifjokjka ea vk; dscgrj I krka dks tkrk g\$ ftuea ukdjh ds vksj vfed voljka dh miyCekrk Hkh 'kkfey g\$

0; ol k; NkM+fn; k g\$ mlgkausvi usl gk; d 0; ol k; ds cksj ea Hkh myy[k fd; kA I kj.kh 3-27 vksj fp= 3-14 ?kjka ds e[; 0; ol k; dh , d >yd i Lrph djrh g\$

3-3-2 uewk ifjokjka dk e[; 0; ol k;

pfid vk; vksj 0; ol k; dschp I hekk I ak g\$ bl fy, orEku ve; ; u ea ifjokj i e[kka ds e[; 0; ol k; vksj ifjokj ds vU; I nL; ks }kj k fd, tk jgs I gk; d 0; ol k; ds cksj ea MkV k , df=r fd, x, A vfedk k i R; fFkz ka us viuk e[; 0; ol k; i k j a f j d 0; ol k; crk; k g\$ ftUgkausvi uk i k j a f j d

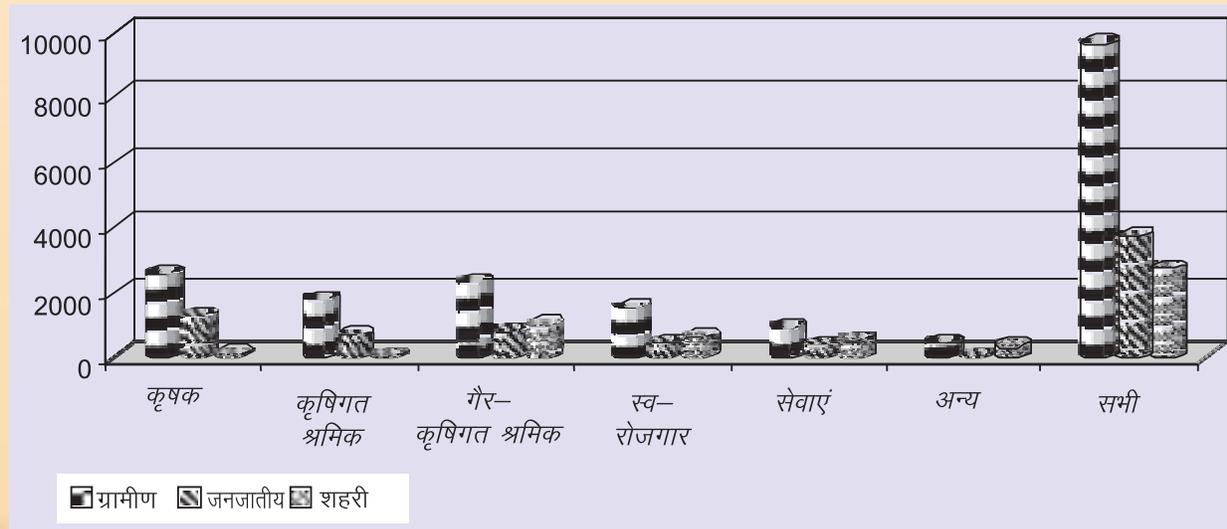
vkadMka I sir k pyr k g\$fd , d&pkfkkbz i f j o k j e[k ; k v k a 1 2 5 - 7 i f r ' k r 1 2 d k e[; 0 ; o l k ; x s & d f ' k x r J e d s : i e a F k k j f t l e a v f e k d r e ' k g j h { k s - k a 1 3 6 - 4 i f r ' k r 1 2 e a F k s b l d s c k n x t e h . k 1 2 4 - 2 i f r ' k r 1 2 r F k k t u t k r h ; { k s - k a 1 2 1 - 9 i f r ' k r 1 2 d s i f j o k j i e [k k a d k L F k k u F k k A ; g H k h i k ; k x ; k F k k f d x t e h . k i f j ; k s t u k k a

1 3 4 - 3 i f r ' k r 1 2 d s , d & f r g k b z l s F k k M k T ; k n k i R ; F k z d ' k d F k t k s x t e h . k I e f d r c k y f o d k l I d k i f j ; k s t u k v k a e a 2 7 i f r ' k r F k A L o & j k s t x k j e a y x s v k s j

I kj.kh 3-27 % ifjokjka dk e[; 0; ol k; 1/4 e[; k=16138 1/2

vkb l Hkh, I ifj; kst ukk dh izdfr	ifjokj i e[kka ds e[; 0; ol k; dh izdfr						
	d'kd (%)	d f ' k x r J f e d (%)	x s & d f ' k x r J f e d (%)	L o & j k s t x k j (%)	I d k , a (%)	v U ; (%)	I H k h (%)
xteh.k	2575 (26.7)	1780 (18.4)	2338 (24.2)	1539 (15.9)	923 (9.6)	470 (4.9)	9661 (100.0)
tutkrh;	1280 (34.3)	701 (18.8)	817 (21.9)	470 (12.6)	389 (10.4)	68 (1.8)	3737 (100.0)
'kgjh	94 (3.4)	87 (3.2)	998 (36.4)	611 (22.3)	567 (20.7)	364 (13.3)	2740 (100.0)
t k M +	3949 (24.5)	2568 (15.9)	4153 (25.7)	2620 (16.2)	1879 (11.6)	902 (5.6)	16138 (100.0)

fp= 3-14 % ifjokj i e[kka dk e[; 0; ol k;



df'k etnjka dk if'kr yxHkx I eku 1/16-0 ifr'kr 1/2 Fkka Lo&jkst xkj ea I keW; r% ykqkj] c< b] pjokg] df'gkj] ekph] cpdj] NkV/s nplkunkj] vkfn yxs gq Fkka yxHkx 12 ifr'kr I ok ea Fks & I jdkjh] vek& I jdkjh] feuh dEi fu; k] vkfnA vkadMka I s; g Hkh ns[kus ea vk; k fd xj&df'k etnjka ds : i ea dk; j r 30 ifr'kr dsef[; k fo'o cbl I gk; rk&inUk I efdur cky fodkl I ok ifj; ktukvka I s Fks vksj yxHkx I eku ifr'kr df'k 1/23-5 ifr'kr 1/2 vksj df'k etnjka 1/23-5 ifr'kr 1/2 dh Jf.k; ka ds varxZ i k; k x; ka fu; fer I efdur cky fodkl I ok ifj; kstukvka ea d'kdka 1/24-3 ifr'kr 1/2 vksj xj&df'k etnjka 1/25-4 ifr'kr 1/2 dh Jf.k; ks ea yxHkx I eku ifr'kr i k; k x; ka Lo&jkst xkj] I okvka bR; kfn ds I nHkZ ea xj& I jdkjh I xBuka }kjk I pkfyr ifj; kstukvka vksj vU; ifj; kstukvka ds ekeys ea cgr de varj Fkka

3-3-3 I gk; d 0; ol k;

?kj ds ef[k; ka I s muds I gk; d 0; ol k; ka ds ckj sea, d= dh xbz I puk I akh C; kjs rkydk 3-28 ea fn, x, gA

mi; Dr vkadMs 0; ol k; dh bl Jskh dh , d vnHkr rLohj iLnr djrs gA 10 ifr'kr ?kj kuka us df'k vksj xj&df'k Je dks viuk I gk; d 0; ol k; crk; ka brusgh ykska us HkkMk&xkMh] fjD'kk pykuk] ydMh cpuk] i'kqpjkuk vkfn vU; Jf.k; ka dks viuk 0; ol k; crk; ka 17 ifr'kr tutkrh; ?kj kuka us df'k Je dks viuk 0; ol k; crk; k rFkk vU; us xj&df'k Je 1/12-0 ifr'kr 1/2 vksj df'k 1/10-5 ifr'kr 1/2 dks viuk 0; ol k; crk; ka vU; Jskh ds I gk; d 0; ol k; ka ea cgr de yks ik, x, A vkadMka I sirk pyrks gSfd xjhka ds fy, I gk; d jkst xkj ds vol j mi yCek ugha gR Fkk ikja fj d jkst xkj ij fo'k k e; ku nrs gq jkst xkj ds, d svol j i shk djus vksj mueaof) djus gsrq iz kl djus dh vko'; drk gA

3-3-4 i kfjokjd i fj I Ei fUk; ka

yxHkx tgh ?kj kuka dh fofHkuu izdkj dh i fj I Ei fUk; ka dk irk yxkus ds fy, Hkh I puk I d= dh xbz 1/4 kj .kh 3-29 1/4

I kj .kh 3-29 1/4 p= 3-115 es Hkh 1/2 ea fn [kk, x, vkadMs n'kk r's gA fd vfedkka k ?kj ka ea Vsyfoteu mi yCek gA 1/42-2 ifr'kr 1/2 rFkk jfM; ks@VktLVj 1/35-0 ifr'kr 1/2 ?kj ka ea mi yCek gA Vsyfoteu dh I cl s vfed I a; k 'kgjh ?kj ka 1/65-4 ifr'kr 1/2 ea gS rFkk ml ds ckn ; g I a; k xkeh.k ?kj ka 1/41-3 ifr'kr 1/2 ea gA jfM; ks@VktLVj dh mi yCekrk dh fLFkr xkeh.k

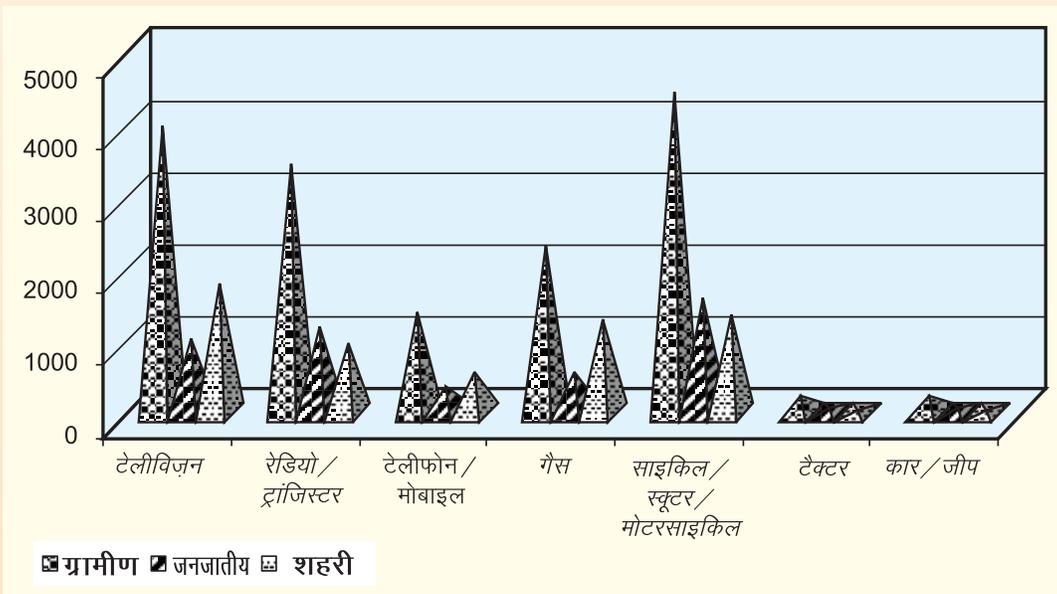
I kj .kh 3-28 % I gk; d ?kjsyW 0; ol k; 1/4 a; k=16138 1/2

vbl Hh, I ifj& ; kstukvka dh i dfr	I gk; d 0; ol k; lech Jf.k; ka						
	df'k	df'k Je	xj&df'k Je	Lo&jkst xkj (%)	I ok (%)	vU; (%)	I Hh (%)
fu; fer vbl Hh, I	890 (6.51)	1490 (10.9)	1421 (10.4)	797 (5.8)	321 (2.3)	1539 (11.2)	13721 (100.0)
fo'o cbl I effkr	138 (9.51)	198 (13.6)	190 (13.0)	90 (6.2)	41 (02.8)	77 (5.3)	1458 (100.0)
, utlvk I pkfyr	90 (9.41)	47 (4.9)	58 (6.0)	57 (5.9)	18 (1.9)	91 (9.5)	959 (100.0)
I Hh {ks=	1118 (6.9)	1735 (10.8)	1669 (10.3)	944 (5.8)	380 (2.4)	1707 (10.6)	16138 (100.0)

I kj.kh 3-29 % ykHkflor i fjokjka dh i fjl Ei fUk; ka ¼ d; k=16138½

vktl Hh, I ifj; kstuk dh i dfr	i R; Fkz dh i fjl Ei fUk dh i dfr						
	Vyhfotu	jSM; k@ VktLVj (%)	Vyhfotu@ ekckby (%)	dfda xJ (%)	I kbfdy@ Ldwj@ ekvjI kbfdy(%)	VSVj (%)	dkj thi (%)
xteh.k	3988 (41.3)	3462 (35.8)	1396 (14.4)	2333 (24.1)	4472 (46.3)	245 (2.5)	238 (2.5)
tutkrh;	1024 (27.4)	1218 (32.6)	357 (9.4)	581 (15.5)	1611 (43.1)	66 (1.8)	66 (1.8)
'kgjh	1792 (65.4)	974 (35.5)	557 (20.3)	1314 (48.0)	1363 (49.7)	23 (0.8)	44 (1.6)
tkM+	6804 (42.2)	5654 (35.0)	2304 (14.3)	4228 (26.2)	7446 (46.1)	334 (2.1)	348 (2.2)

fp= 3-15 % i kfjokjd i fjl Ei fUk; ka



¼5-8 i fr'kr½ vKj 'kgjh ¼5-5 i fr'kr½ ifj; kstukvka eayxHkx I eku FkA bl dsckn tutkrh; ifj; kstukvka ¼2-6 i fr'kr½ dk uEcj vkrk gA 'kgjh {k= ds fuokfl ; ka ds ikl VyshQks@ ekckby ¼20-3 i fr'kr½ xS duD'ku ¼48-0 i fr'kr½ vKj I kbfdy@ Ldwj@ ekvjI kbfdy ¼49-7 i fr'kr½ tS h vi fkd r cgrj i fjl Ei fUk; ka gA bl ekeysea xteh.k {k= nI jsLFkku ij vkrk gA tS fkd I keW; r= nS[kus ea vkrk gS fd 'kgjh {k=ka ds ckn xteh.k {k= I pkj ds I kekuka ds eQ; ykHkxkgh gA VyshQks@ ds eQ; ykHkka ea vki krdkyhu fLFkr; ka ea Ie; ij LokLF; I ok I cakh I gk; rk mi yCek gkuk crk; k x; ka xteh.kka us crk; k fd Vyhfotu I s mlga u dny jkt dh;

I ekpkj I pus dks feyrs gS cfYd efgykvka ds i fr vijkek tS h I kekt d I eL; kvk LokLF; vKj i kS'Vd vkgkj] i fjokj fu; kstuj I jdkjh dk; Deke@; kstukvka ds I cakh ea l puk, aHk feyrh gA os I kekt d eQ; ka ij fQYeavKj I hfj; y Hk nS[k I drsgA jSM; k@ VktLVjka dsHk, d sgh ykHk crk, x, A tS fkd I kj.kh eafn [kk; k x; k gS yxHkx vkks 'kgjh ukxfjd ¼48 i fr'kr½ , yi hth duD'ku ka I sykHkflor gq gS rFk , d&pkkKkZ ¼24-1½ os xteokl h gA tks 'kgjka@ uxjka ds vki & ikl ds {k=ka ea jgrs gA mYyS[kuh; gS fd vki ku fd Lrka ea Hkqrku dh I foek ds dkj.k Vyhfotu] jSM; k@ VktLVjka Ldwjka@ ekvj I kbfdyka dh i frZ I s bu i fjl Ei fUk; ka dh vfed c<krjh gpZ gA



ifj; kstuvka & fu; fer] fo'o cšd l s
l gk; rk&iklr vlg , uthvk&l pkfyr ifj; kstuvka
ds ikoekku dh n'V l s hkh bl igywij l puk , d=
dh xBA l kj.kh 3-30 ea l šiy ifjokjka }kjk vfekdr
ifj l Ei fUk; ka ds ckjs ea foój.k i Lr r fd; k x; k gA

l kj.kh 3-30 dksn[kus l si rk pyr k gšfd fu; fer
l ešdr cky fodkl l ok ifj; kstuvka ea 42-7 ifr'kr
mUkjnrkvka ds ikl Vyhfo t u Fls r Fkk bl ds ckn

x; kA tgka rd VyhOku@ekskby dk l eak gš; g ik; k
x; k fd fu; fer l ešdr cky fodkl l ok ifj; kstuvka
ds 14-9 ifr'kr mUkjnrkvka ds ikl ; g l fpekk FkA bl ds
i'pkr xš&l jdkjh l xBu }kjk l pkfyr 14-20 ifr'kr 1/2
vlg fo'o cšd 14-0-1 ifr'kr 1/2 l s l gk; rk iklr l ešdr
cky fodkl l ok ifj; kstuvka dk LFku vkrk gA

'kkšky;] fctyh [kyk LFku] goknkjh vkfn
dh l fpekkvka l s ; ōr fd l h 0; fDr dh vkokl h;

I kj.kh 3-30 % l šiy ?kjkuka }kjk vfekdr ifj l Ei fUk; ka 1/4 š; k=16138 1/2

vkb l hMh, l ifj; kstuk dh izdr	ifj l Ei fUk; ka						
	Vyhfo t u	jšM; k@ Vh t LVj	Vyhfo t u@ ekskby (%)	dšdax xš (%)	l kbfdy@ LdWj@ ekšj l kbfdy (%)	VšVj (%)	dkj thi (%)
fu; fer vkb l hMh, l	5861 (42.7)	4853 (35.4)	2042 (14.9)	3776 (27.5)	6282 (45.8)	289 (2.1)	308 (2.2)
fo'o cšd l gk; rk&i nUk	551 (37.8)	443 (30.4)	147 (10.1)	182 (12.5)	730 (50.1)	19 (1.3)	16 (1.1)
, uthvk& l pkfyr	392 (40.9)	358 (37.3)	115 (12.0)	270 (28.1)	434 (45.3)	26 (2.7)	24 (2.5)
l hkh {k=	6804 (42.2)	5654 (35.0)	2304 (14.3)	4228 (26.2)	7446 (46.1)	334 (2.1)	348 (2.2)

xš&l jdkjh l xBu }kjk l pkfyr l ešdr cky fodkl
l ok ifj; kstuvka 40-9 ifr'kr 1/2 vlg fo'o cšd l gk; rk&i nUk
l ešdr cky fodkl l ok ifj; kstuvka 18-8 ifr'kr 1/2 dk
uecj vkrk gA vfedre xš duš'ku xš&l jdkjh
l xBu }kjk l pkfyr ifj; kstuvka 128-1 ifr'kr 1/2 ea
miyček Flš bl ds ckn fu; fer 127-5 ifr'kr 1/2 vlg fo'o
cšd 142-5 ifr'kr 1/2 ifj; kstuvka dk LFku FkA tgka
l kbfdy@LdWj@ ekšj l kbfdy ifj; kstuvka dh l hkh
Jš.k; ka ds 46-1 ifr'kr ds ikl Flš ogh dkj@thi dšy
2-2 ifr'kr ?kjs eamiyček Flš jšM; k@Vh t LVj eulšat u
dk nlr jk vr; fekd ykd fi z ekē; e 185-0 ifr'kr 1/2 ik; k

ifj l LFkr; ka, d LoLFk thou 'kšy dks c<kok nrh gš
r Fkk , š s ?kjs ea jgus okys 0; fDr; ka dks chekfj; ka l s
cpkrh gA bu l fpekkka dh miyčekrk l eflor rē-
r Fkk yk hkk Fkz ?kjs ea vU; fo hkk xka dh l škr l okvka ds
ekē; e l s l hko gA yk hkk Fkz ?kjs ea es fctyh dh
l fpekkvka vlg muds ?kjs ea vkb i dk eW; kađu dšy
ds fy, ?kjs ea eš [k; ka vlg ifj x.k dka l svkd Mš, d=
fd, x, 1/4 kj.kh 3-31 1/2

tgka 39 ifr'kr ykx dPps edkuka@>k i fM+ ka
ea jgrs Flš ogha 32 ifr'kr ?kjs bM/ka vlg l hēV l scus

I kj.kh % 3-31 % ?kjs ka ds vkb i vlg fctyh dh l fpekk, a 1/4 š; k=16138 1/2

vkb l hMh, l ifj; kstuk dh izdr	ifj l Ei fUk; ka						
	Vyhfo t u	jšM; k@ Vh t LVj (%)	Vyhfo t u@ ekskby (%)	dšdax xš (%)	l kbfdy@ LdWj@ ekšj l kbfdy (%)	VšVj (%)	dkj thi (%)
fu; fer vkb l hMh, l	5861 (42.7)	4853 (35.4)	2042 (14.9)	3776 (27.5)	6282 (45.8)	289 (2.1)	308 (2.2)
fo'o cšd l gk; rk&i nUk	551 (37.8)	443 (30.4)	147 (10.1)	182 (12.5)	730 (50.1)	19 (1.3)	16 (1.1)
xš&l jdkjh l xBu l pkfyr	392 (40.9)	358 (37.3)	115 (12.0)	270 (28.1)	434 (45.3)	26 (2.7)	24 (2.5)
l hkh {k=	6804 (42.2)	5654 (35.0)	2304 (14.3)	4228 (26.2)	7446 (46.1)	334 (2.1)	348 (2.2)



i Ddk ?kja dk fuekZk dj k I dA vU; 29 i fr'kr ykx vek&i Ddk ?kja dk fuekZk dj k I d\$ ftudh nhokja bA/ka I s cukbZ xbZ Fkha vK\$ I heW I s lykLVj dj k; k x; k Fkk rFkk Nrka ea VkbYa yxkbZ xbZ FkhaAA cjken s dPph feeh 1/2xkj1/2 ds cuk, x, Fks vK\$ bu vek&i Ddk ?kjks ds Q'kZ dPps gA bu ea I s vfekdka k ?kja ea , d@nks de jka dh I foekk mi yCek Fkh I j t dh jk\$ kuh jk\$ kunkuka vK\$ vfekdre nks Nks/h f[kMfd; ka o , d i [kkus ds }kjk mi yCek Fkha i 'kay/ka dks pkj h I s cpkus ds fy, mUga Hkh bu de jka ea j [kk tkrk gA tutkrh; i fj; kst ukvka ds rgr >ki fM+ ka@dPps edkuka dk fuekZk 1/57-5 i fr'kr 1/2 gupk] bl ds i 'pkr 28 i fr'kr vek&i Ddk ?kja dk LFkku vkrk gA 'kgjh i fj; kst ukvka ds rgr 45 i fr'kr ?kjsyw bdkb; ka ds ikl i Ddk edku Fk\$ ftuea 'kkpky; vK\$ Luku?kj dh FkkMh cgr I foekk I s; p r , d de jk Fkka xkeh.k i fj; kst ukvka ds rgr cuk, x, ?kja ea i Ddk ?kj 1/35-9 i fr'kr 1/2 vK\$ dPpk@>ki fM+ ka 1/34-2 i fr'kr 1/2 Fkha bu vka dMh dh , d fnypli fo'k\$krk ; g gS fd i fj; kst ukvka dh I Hkh Jf.k; ka ds rgr 27 vK\$ 29 i fr'kr dschp vek&i Ddk edkuka dk fuekZk gupk gA vfekdka k i Ddk@vek&i Ddk edkuka dk fuekZk banjk vkokl ; kst uk ds varxh ?kja ds fuekZk ds fy, —.k i kflr gkaus ij dj k; k x; ka

I Hkh Jf.k; ka ea ?kja dk fo | rhdj .k 69 i fr'kr Fkk vK\$ bl dk vfekdka k fgLI k 'kgjh {ks=ka 1/81-9 1/2 dks feyk Fkka bl ds ckn xkeh.k {ks=ka ea 68 i fr'kr fo | rhdj .k gupk Fkka cfu; knh : i I sfo | rhdj .k dk dk; Z I Hkh xkoka dks vK\$ fo'k\$kdj mu i fjokja dks fctyh dh i firZ I cekh ; kst uk ds varxh fd; k x; k Fkk] tksxjhch dh j\$kk I suhpsgA ; g dk; Z I e; & I e; ij I pkfyr vU; ; kst ukvka ds rgr Hkh fd; k x; k gA rFkfi] fnYyh] fgepy in\$ k] i atkc] d j y] dukW/d vK\$ xqtjkr jkT; ds d n fgLI ka dks NkMdej] okLro ea fo | r dh i firZ u ds cjkcj Fkha

3-4 I efd r cky fodkl I ok ea l ello;

pfd I efd r cky fodkl I ok Ldhe ea varj&{ks=h; nF"Vdksk vi uk; k tkrk g\$ ftues , d I s vfekd fohkx vFkok I jdkjh , tBl h] i pk; r vK\$ Lo\$PNd , tBl h 'kkfey gkrh g\$ bl fy, f'k' kay/ka vK\$ mudh ekrvks I s I ceker I okvka ds i sst ds fu"i knu ds fy, muds iz kl ka ea l ello; LFkfi r djus dh vK\$ Hkh vfekd vko'; drk gA l ello; I smi yCek I d kekuka dk vfekdre mi ; kx djus ea I gk; rk feyus dh mEeh gkrh g\$ 1/4ej thr , .M dK\$] 1998(u\$; j] dfi y , .M umu 1998(f=onh] Nijoky , .M Fk\$ k] 1995/A ; kst uk ea fohkku Lrjka ij l ello; I febr; ka ds eke; e I svfekdre vK\$ pkfjd l ello; dh 0; oLFk dh xbZ gA l ello; I febr; ka dk xBu djus ds fy, Hkkjr I jdkj }kjk I keU; fn'kkfun\$ k Hkh tkjh fd, x, g\$ 1/4 = I a 6&11@75&I h Mh] 01 vxLr] 1975/A jkT; I jdkjka }kjk fohkku Lrjka ij l febr; ka ds xBu dh I puk 1/2c1/2 efgyk vK\$ cky fodkl e=ky;] Hkkjr I jdkj dks nh xba bl [kM ep] fohkku Lrjka ij l ello; dh 0; ki drk vK\$ vka uokMh dhnz Lrj ij I okvka dh vfhkI kfjrk dk i rk yxkus dk iz kl fd; k x; k gA bl ve; k; dks fy [kus ds fy,] e[; r% I puk ds pkj i zdkj ds I k rka dk mi ; kx fd; k x; k gA , d] bl I cakh ea tkjh fd, x, I jdkjh vkns k@i fji =(nlt jk] I LFkku }kjk r\$ kj dh xbZ iz ukoyh ea jkT; I jdkj ka@ I \$k 'kfl r {ks=ka }kjk i Lr r dh xbZ I puk, e rhl jh] fohkku mUknkrk vka dh I k{kRdkj vuq pth (vK\$ pk\$kk] vuq akku ny dh fVli f.k; ka

I ello; I febr; ka

jkT; Lrj dh l ello; I febr 1/4 I , yl hl 1/2

vk n'kz% jkT; Lrj dh l ello; I febr dh cBdka dk vk; kst u =ekfl d vkekj ij djus dh



vko'; drk gsvkš ; fn t: jr i Msrks vfeld ckj dh tkuh plfg, A I efd r cky fodkl I ok ; kstuk ds fy, jkT; Lrj dh I ello; I febr; ka ea I kekl; r% LokLF; vkš ifjokj dY; k.k] f'k{kk] tu LokLF;] batrfu; jh] xkeh.k fodkl] i; kbj.k vkš LoPNrk] jkstxkj] I puk vkš i pkj foHkkxka ds I Hkh I fpo rFkk ftyk ifj"kn ds vè; {k rFkk I d n I nL;] bR; kfn ik, tkrs gA

ftyk Lrj dh I ello; I febr ¼h, yl hl ½

ftyk Lrj dh I febr ea ftykèkh'k vFkok ftyk fodkl vfekdkjh] cky fpdfRI k foHkkx vFkok fpdfRI k egkfo |ky; I sl æfèkr I efd r cky fodkl I ok ijke'kzkrk] ftyk Lrj ds fpdfRI k vfekdkjh 'kkfey fd, x, A bl I febr dh cBda ekfl d@ =ekfl d vkekj ij vk; kstr dh xbA fn'kkfunz kka ds vuq kj] I febr ds vè; {k] tš k og mfr I e>] I febr dh cBdka ea dN vU; I jdkjh vkš xš&I jdkjh I nL; ka dks vkef=r dj I drs gA LFkkuh; fudk; ka ¼mnkgj.kkFkz ftyk ifj"kn@ ftyk i pk; r½vkš cky dY; k.k ds {ks= eadk; jr egloi wZ LoSPNd I xBuka ds ifrfufek; ka dks Hkh I febr ea 'kkfey fd; k x; kA

[kM ¼cykkl½ Lrj dh I ello; I febr ¼h, yl hl ½

cky fodkl ifj; kstuk vfekdkjh] i kFkfed fpdfRI k dlnz ¼h, pl ½ ds fpdfRI k vfekdkjh vkš [kM fodkl vfekdkjh bl I febr ds I nL; ik, x, A bl dh vè; {krk cykkl I febr@rkyok i pk; r ds

vè; {k }kjk dh xbA {ks= dk , e , y , ¼foekku I Hkh dk I nL; ½ Hkh bl I febr dk I nL; Fkka ; g ik; k x; k fd tgka dgha Hkh cykkl Lrj dh I ello; I febr dk xBu fd; k x; k] budh cBd dk vk; kstuekfl d vkekj ij fd; k x; k

xte Lrj dh I ello; I febr ¼h, yl hl ½

I ok, ainu djus ds fy, vka uokMh , d e[; LFky gA bl fy, xte Lrj ij I ello; vR; feld egloi wZ gA rFkfi] vka uokMh dk; Zrk] , , u , e] LFkkuh; i Hkko'kkyh ykx] I ekt I dh] nkb; ka vkš i pk; rh jkt I d.Fkkuka ds pps gq ifrfufek I kekl; r% bl I febr ea 'kkfey fd, x, A

I ello; I febr dh ekstmxh ¼ fj; kstuk Lrj ij ½

I efd r cky fodkl I ok ea I ello; ræ] bl dh ekstmxh] i; kZrrk] I efd r cky fodkl I ok ij i Hkko] I ello; ea I ekj ykus ds fy, fd, x, iz kl ka ds I æak ea vka dMæ , d= fd, x, A I siy ifj; kstukvka ds cky fodkl ifj; kstuk vfekdkjh dks I ello; I febr dh ekstmxh ds ckjs ea vi us fopkj 0; Dr djus ds fy, dgk x; k] ftUga I kj.kh 3-32 ea I Lrj fd; k x; k gA

I kj.kh 3-32 % ifj; kstuk Lrj ij I ello; I febr dh ekstmxh ¼ d; k=147½

ifj; kstuk dk uke	xkeh.k		tutkrh;		'kgjh	
	gla (%)	ugha (%)	gla (%)	ugha (%)	gla (%)	ugha (%)
fu; fer vktl h Mh, I ifj; kstuk	56 (72.7)	14 (18.2)	20 (76.9)	06 (23.1)	18 (85.7)	03 (14.3)
fo'o cBd I gk; rk&inUk	05 (54.6)	04 (44.4)	62 (40.0)	03 (60.0)	-	-
, urthvis }kjk I pkfyr ifj; kstuk I Hkh {ks=	04 (80.0)	01 (20.0)	01 (100.0)	0 (0.0)	02 (66.7)	0 (0.0)
	65 (71.4)	19 (20.0)	23 (71.9)	09 (28.1)	20 (83.3)	03 (12.5)



I kj.kh 3-32 dksn[kus l sLi "V gks tkrk gsf d xkeh.k vlg tutkrh; {ks=ka dh 70 ifr'kr ifj; kst ukvka ds varxh ifj; kst uk Lrj ij I ello; I febr; ka Fkh tcf d 'kgjh {ks=ka ea ifj; kst uk Lrj ij 83 ifr'kr I s vfekd I ello; I febr; ka FkhA

tgk rd izaku ds Vkbi }kjk ifj; kst uk Lrj ij I ello; I febr dk I cak gS fu; fer I efdr cky fodkl I ok ifj; kst ukvka vlg fo'o cbl }kjk I gk; rk& inuk ifj; kst ukvka ds varxh I ello; I febr; ka dh I a; k xS & l jdkjh I aBuka }kjk I pkfyr ifj; kst ukvka dh rgyuk ea de FkhA I kj.kh 3-32 I s fu"d"zfudkyk tk I drk gsf d cgrj I pkj I foekvka dsdkj.k 'kgjh {ks= dh ifj; kst ukvka ds rgr ifj; kst uk Lrj ij I ello; I febr; ka ekSt m FkhA

; g irk yxkus ds Hkh iz; kl fd, x, fd D; k LokLF; dk; Zrkz/ka vlg I efdr cky fodkl I ok dk; Zrkz/ka ea i; klr I ello; gS; k ugha bl I cak ea

I ello; dN gn rd i; klr Fkh i jUrq {ks=h; @xte Lrj ij ml dk vHko FkhA tutkrh; ifj; kst ukvka ds ekeys ea Hkh fLFkr , d h gh gA {ks=h; @xte Lrj ij} fo'kSkdj tutkrh; {ks=ka ea vlg , uthvks }kjk I pkfyr ifj; kst ukvka ea Hkh LokLF; foHkx ds I kFk I ello; dk vHko n[kus dks feykA dgy feykj ifj; kst uk Lrj ij I ello; I rksktud ik; k x; ka

cky fodkl ifj; kst uk vfejdkfj; ka I sHkh Cykbl Lrj ij I ello; I febr dh cBda dh i Hkkodkfjrk ds I cak ea izu i Nk x; ka bl I cak ea vkdMs 1/4 kj.kh 3-34 n'kkr's gS fd nks&fngkbz I s dN vfekd 1/68 ifr'kr 1/2 cky fodkl ifj; kst uk vfejdkfj; kadk fopkj Fk fd I ello; I febr dh cBda i HkkodkjH Fkh tcf d yxHkx 1@5 1/21 ifr'kr 1/2 ds fopkj ea ; s cBda dN i HkkodkjH FkhA I ello; I febr dh cBd dh i Hkkodkfjrk dks tutkrh; {ks=ka ds vfejdkk cky fodkl ifj; kst uk vfejdkfj; ka }kjk Lohdr fd; k x; ka

I kj.kh 3-33 % LokLF; vlg I efdr cky fodkl I ok dk; Zrkz/ka ea i; klr I ello;

vbl H/h, I ifj; kst uk dh izfr	xkeh.k (, u=147)				i; bskd (, u=296)				LokLF; dk; Zrkz (I a; k=443)			
	fu; fer vbl H/h, I ifj; kst uk, a	fo'o cbl I gk; rk& inuk	, uthvks }kjk I pkfyr	I Hkh {ks=}	fu; fer vbl H/h, I ifj; kst uk, a	fo'o cbl I gk; rk& inuk	, uthvks }kjk I pkfyr	I Hkh {ks=}	fu; fer vbl H/h, I ifj; kst uk, a	fo'o cbl I gk; rk& inuk	, uthvks }kjk I pkfyr	I Hkh {ks=}
xkeh.k	56 (72.7)	05 (55.6)	04 (80.0)	65 (71.4)	114 (76.5)	13 (72.2)	05 (50.0)	45 (25.4)	179 (76.5)	17 (65.4)	04 (26.7)	200 (72.7)
tutkrh;	20 (76.9)	02 (40.0)	01 (100.0)	23 (71.9)	42 (75.0)	04 (44.4)	01 (50.0)	20 (29.9)	58 (69.9)	09 (60.0)	02 (66.7)	69 (68.3)
'kgjh	18 (85.7)	-	02 (66.7)	20 (83.3)	36 (81.8)	-	0 (0.0)	08 (16.0)	49 (83.1)	-	07 (87.5)	56 (83.6)
tkm+	94 (75.8)	07 (50.0)	07 (77.8)	108 (73.5)	192 (77.1)	17 (63.0)	06 (33.3)	73 (24.8)	286 (76.1)	26 (63.4)	13 (50.0)	325 (73.4)

vkdMs I kj.kh 3-33 ea fn, x, gA I kj.kh 3-33 dksn[kus l sLi "V gks tkrk gsf d 'kgjh ifj; kst ukvka ea 80 ifr'kr I s vfekd cky fodkl ifj; kst uk vfejdkjh i; bskdka vlg LokLF; dk; Zrkz/ka us vius Lrj ij i; klr I ello; dh ckr dgh FkhA xS & l jdkjh I aBu }kjk I pkfyr ifj; kst ukvks ea cky fodkl ifj; kst uk vfejdkjh Lrj ij

I kj.kh 3-34 % I ello; I febr dh i Hkkodkfjrk 1/4 a; k=147 1/2

i fj; kst uk dh izfr	vr; fekd i HkkodkjH	i HkkodkjH	i HkkodkjH ugha	t km+
xkeh.k	11 (18.8)	41 (12.1)	13 (45.1)	91 (14.3)
tutkrh;	6 (18.8)	19 (59.4)	2 (6.3)	32
'kgjh	4 (16.7)	8 (33.3)	2 (8.3)	24
t km+	21	68	17	147

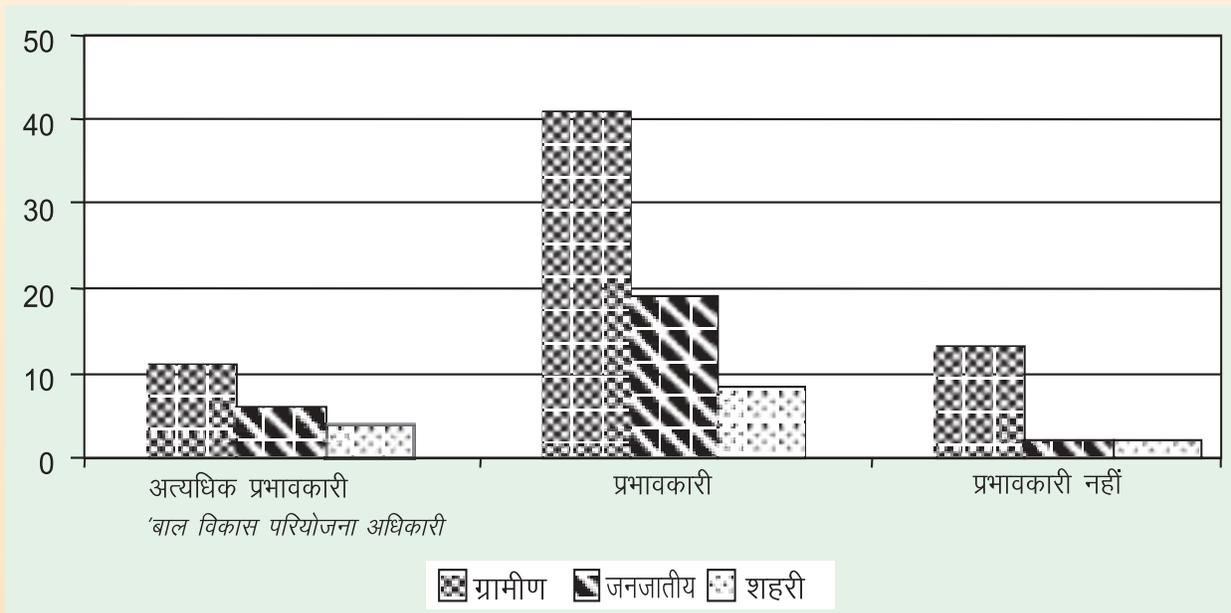


I kj.kh 3-33 I s; g Hkh i rk pyr k gSfd yxHkx 73 ifr'kr cky fodkl ifj; kstuk vfeKdfj; ka us crk; k gSfd I efd r cky fodkl I ok vKj LokLF; dk; ZdrkZ/ka ds chp i; klr I ello; Fkka yfdu 'kSk yxHkx 27 ifr'kr us vi; klr I ello; dk mYy[k fd; ka rFkfi] bl ds dkj. kka dk mYy[k I kj.kh 3-35 eafd; k x; k gS % vuq; ak 4/A

35 I efd r cky fodkl I okvka ds vfhkl j .k

fofHkku Lrjka ij I okvka ds I ello; vKj vfhkl kfjrk I s I efd r cky fodkl I ok ; kstuk ds dk; &fu"iknu vKj ifj.kkeka ij I dkj kRed i Hkko i Mfk gS vKj bl s I Ec) fohkxka I s i klr tkudkj h }kjk i klr fd; k tk I drk gA rFkfi] muds }kjk mi; kx ea yk, x, dN r= fuEkuq kj g%

fp= 3-16 % I ello; I febr; ka dh i Hkko dfjrk*



I kj.kh 3-33 dks nq[kus I s yxrk gSfd cky fodkl ifj; kstuk vfeKdfj; ka vKj LokLF; dk; ZdrkZ/ka dk , d i; klr ifr'kr vius e[; dk; ka ea yxk gpyk Fkk] ftl ds dkj.k I ello; dk vHkko jgkA vi; klr I ello; dk , d nit jk egUoiwkZ dkj.k LokLF; dfeZ ka dk mnkl hu jo\$ k Fkka {ks=h; ny }kjk vkadM= , d= djrs I e; ; g Hkh nq[kk x; k fd xte Lrj ij , , u , e vkuokMh dk; ZdrkZ/ka ds I kfk vPNh rjg I s feydj dke ugha dj jgs FkA

- I febr; ka dh fu; fer cBdka dk vk; kstu
- vuq; hZ mi k; djuk
- vkuokMh I febr ds dk; Zdyki ka ea xte i pk; rka dks Hkxhvkj cukuk
- xjhch dh j[kk I s uhps xq; j&cl j djus okys ifjokjs dh I gk; rk vKj enn ds fy, mPp i kfeKdfj; ka I s I Ei dZ djuk
- I kempf; d Lrj ij I okvka dh vfhkl kfjrk ds fy, iz kl djuk

idfr I s c g & (k=h; ½eYVh&l DVjy½ gkaus ds dkj.k I eðdr cky fodkl I ok fofHkuu I jdkjh fohHkxk) fo'kSkdj LokLF; vks f'k{k fohHkx ½j'k"Vh; tu I g; ksx , oa cky fodkl I LFkku] 1992½ }kj k jkT;] ftyk vks CykM Lrjka ij miyCek dj, x, I Hkh ekStink I a kekuka vks I þokvka dk mi; ksx djrh gA LokLF; fohHkx ds fo'kSkdj vka uokMh Lrj ij miyCek , d h I gk; rk I þokvka I s I æfækr C; kjs I kj.kh 3-35 ea i Lrnf fd, x, gA I kj.kh I s Li"V gsf d xteh.k (k=kaea vka uokMh I febr ¼, MCY; u h ½ dk; Þyki ka

3-6 I kenkf; d I gHkfxrk

I eðdr cky fodkl I ok dh ifjdYi uk vks I dYi uk , d I epk; &vkækfjr dk; ðe ds : i ea dh xbZgA fupysLrj ½xkl : ½½ ij ofud dk; ÞrkZ ds LFkku ij vo'fud dk; ÞrkZ ds : i ea vka uokMh dk; ÞrkZ dh 0; oLFk bl sykska dh ; kst uk dk Lo: i inku djrh gA bl ds i hNs; g ekuuk gsf d vka uokMh dk; ÞrkZ , d LFkkuh; efgyk gkaus ds ukrs I epk; I s ifjfr gkaus ds dkj.k vfeld dkjxj <æ I s I ok, a

I kj.kh 3-35 % I Ec) fohHkxka ds I kFk I ello; vks vfHkI kfjrk ea I epkj djus I æth iz kl ½fofoek fodYi ½

I frfð; k dh Js kh	mÚkj nkrvka ds Js kh&okj fopkj					
	I hMhi hvks (%)			LokLF; dk; ÞrkZ (%)		
	xteh.k	tutkrh;	'kgjh	xteh.k	tutkrh;	'kgjh
I ello; I febr dh cBd dk fu; fer vk; kst u	52 (57.1)	21 (65.6)	13 (54.2)	144 (52.4)	50 (49.5)	42 (62.7)
CykM Lrj ds dk; ÞrkZka ds I kFk vuþríz mik; djuk	62 (68.1)	17 (53.1)	13 (54.2)	138 (50.2)	44 (43.6)	33 (49.3)
vka uokMh I febr dk; Þyki kaea xte i epk; rka d s Hkxh nj cukuk	66 (72.5)	17 (53.1)	11 (45.8)	140 (50.9)	44 (43.6)	20 (29.9)
chi h, y ifjokjka ds fy, I gk; rk vks enn graqft yk Lrj ds vfeldkfj; ka I s I E i dZ djuk	46 (50.5)	13 (40.6)	09 (37.5)	92 (33.5)	37 (36.6)	21 (31.3)
dk; ðeka vks I þokvka ea varl æak LFkfi r djus ds fy, I kenkf; d vfHkI kfjrk dk vk; kst u	49 (53.8)	15 (46.9)	13 (54.2)	95 (34.5)	32 (31.7)	33 (49.3)

ea xte i epk; rka d s Hkxh nj cukus ds iz kl fd, x, A ; g ukv/ djuk Hkh fnypli yxrk gsf d dk; ðeka vks I þokvka ea varl æak LFkfi r djus ds fy, I kenkf; d vfHkI kfjrk vk; kst u r djus ds iz kl fd, x,] tS k fd cky fodkl ifj; kst uk vfeldkfj; ka ds i; klr ifr'kr us; g tkudkj nhA

inku dj I ds xA bl I s ; kst uk dks Lohdkj djus vks bl ea I epk; dh I gHkfxrk c<kus ea I foekk gksch ½j'k"Vh; tu I g; ksx , oa cky fodkl I LFkku] 1992½A bl s , MCY; u h Hkou ds Lokfero I s I æfækr vè; k; ea i Lrnf fd, x, vka d Mka I s Hkh

i æf.kr fd; k tk I drk gA 35-3 ifr'kr dlnz , d s Hkouka ea I epkfy r fd, tk jgs FkS tks i epk; r }kj k vFkok LFkkuh; I epk; }kj k miyCek dj, x, FkA dk; ðe dks inku dh xbZ I gk; rk@; ksxnku ds iz dkj dsckj sea tkuus ds fy, efgyk ykHkxkfg; k) I kenkf; d uskvka vks vka uokMh dk; ÞrkZ/ka ds fopkj i klr fd, x, A

yHkHkFkz ka ds fy, uhfr; ka vks dk; ðeka dks i Hkkodkj h cukus ds mÍs ; I su døy fofHkuu fohHkxka ea I gh I ello; vks vfHkI kfjrk LFkfi r djuk t: jh Fkk cfYd I eðdr cky fodkl I ok I s Hkh , d k djuk vko'; d Fkk D; kfd bu iz kl ka ds fy, ; g , d dlnz ½ukM/½ LFty ½okb/½ gA

I kj.kh 3-36 I s ns[kk tk I drk gsf d e[; r-% ½B2-4 ifr'kr ½ efgyk vka ½/15&45 o"klz us vka uokMh; ka ea I g; ksx inku djus ea vfeld Hkfi edk fuHkbbz gS ½tS kfd Hkktu i dkus ea I gk; rk inku djuk) ba ku miyCek djuk) cPpka dh pfdRI k tkp djokuk) Vhds yxokus ds fy, cPpka dks vka uokMh ea ykukj



I kj.kh 3-36 %, MCY; u h dsfy, efgykva }jkk dh xbz l gk; rk@; ksnku dk izdkj %efgykva ds fopkj 15&45 o"l2 1/4 d; k=3771 1/2

I gk; rk@ ; ksnku dh Jskh	i fj; kstuvka dk LFku			
	xteh.k (%)	tutkrh; (%)	'kgjh (%)	tkm+ (%)
udn	84 (3.6)	39 (4.6)	27 (4.5)	150 (4)
ely ds : i ea	283 (12.2)	141 (16.5)	57 (9.5)	481 (12.8)
I gk; d Hkiedk	725 (31.3)	338 (39.6)	160 (26.6)	1223 (32.4)
vl;	67 (2.9)	21 (2.5)	15 (2.5)	103 (2.7)

i husdki kuh yukj BR; kfn/A tutkrh; ifj; kstuvka ea bl izdkj dh l gk; rk vfedre 1/39-6 ifr'kr 1/2 ikbz xba vius ifjogu l kekuka dk mi; kx djds , MCY; u h rd ijd vkgkj igpku\$, MCY; u h dh ejEer t\$ s dk; ka ds : i ea; ksnku Hkh tutkrh; ifj; kstuvka ea vfedre 1/16 ifr'kr 1/2 ik; k x; ka

I kepkf; d usrvka dk ; ksnku

I kepkf; d usrvka ds ; ksnku dh izdfr l s I efdri C; kjs l kj.kh 3-37 ea fn, x, ga

I kj.kh 3-37 %, MCY; u h dsfy, I kepkf; d usrvka dk ; ksnku 1/4 kepkf; d usrvka ds fopkj 1/2 1/4 d; k=1500 1/2

; ksnku dh dh izdfr	i fj; kstuvka dk LFku			
	xteh.k (%)	tutkrh; (%)	'kgjh (%)	tkm+ (%)
, MCY; u h dk ; ksnku	636 (69)	246 (72.6)	163 (68.2)	1045 (69.7)
Ldny&i wZ f'k/kk	183 (19.8)	52 (15.3)	41 (17.2)	276 (18.4)
ijd i k\$kgkj	142 (15.4)	58 (17.1)	26 (10.9)	226 (15.1)
ijke'khZ l ok, a	138 (15)	51 (15)	19 (7.9)	208 (13.9)
Hkfrd vol j puk	232 (25.2)	79 (23.3)	42 (17.56)	353 (23.56)
vkbZ h/h, l ds fy, l epk; r\$ kj djuk	316 (34.23)	111 (32.63)	82 (34.17)	508 (33.87)
udnh v\$ oLnyka ds : i ea; ksnku	180 (19.5)	44 (13)	43 (17.8)	266 (17.75)
vkuokMh dk; ZnrZ dls l gk; rk	448 (46.6)	164 (48.25)	107 (44.8)	700 (46.65)
vl;	54 (05.9)	20 (05.9)	08 (03.3)	82 (05.5)

vfedkka l kepkf; d usrvka 1/69-7 ifr'kr 1/2 us, MCY; u h dksvi uk ; ksnku i ; b\$ k. kj vkuokMh dk; ZnrZ dh o\$ fDr d l eL; kvkadk l ekekku djds v\$ muga vokanr ruoka l s l j {k.k inku djds fn; ka mugaus 1/44-65 ifr'kr 1/2 tc Hkh vko'; d gupkj vkuokMh dk; ZnrZ dls l g; kx v\$ l gk; rk inku dhA ; g ; ksnku vkuokMh dk; ZnrZ dls i R; {k l gk; rk ds : i ea Hkh ft l ea mi fLFkr c<kusea l gk; rk inku djuk fj dMvZ v\$ jftLVjks dk j [k&j [kko rFk i Eke d {kk ea cPpka dks nfk [kyk dj kusea i kFked Ldnyka l s l g; kx v\$ l gk; rk yus ea enn djuk 'krfey ga pka h l ifr'kr l kepkf; d usrvka us , MCY; u h ea vi us cPpka dks Hkst us ds fy, l kepkf; d l nL; ka dks i kR l kgu nus ea vkuokMh dk; ZnrZ ka dls l g; kx inku fd; ka ; g n\$ k x; k fd muea l s dN l kepkf; d usrvka 1/17-75 ifr'kr 1/2 us udnh v\$ oLnyka ds : i ea Hkh ; ksnku fn; ka dny feyk dj] ; g fu "d" lZ fudkyk tk l drk g\$ fd yxHkx rhu n'kd dh vofek ea l epk; l efdri cky fodkl l ok dk; D\$e ds l eak ea tkx: d gks x; k g\$ rFk vc , MCY; u h dks l gk; rk mi yek dj jgk ga

I kepkf; d l ghkfxrk ea vkus okyh l eL; k, a

dN vkuokMh dk; ZnrZ ka us crk; k fd dHkh&dHkh muga vi us n\$ud dk; Znyka ea l kepkf; d l ghkfxrk i ktr djus ea l eL; kvks dk l keuk djuk i MhA muds }jkk bl l eL; k ds fy, tks dkj.k crk, x, g\$ muga fofHku J\$ k; ka ds rgr oxh d r djds, d l kFk l kj.kh 3-38 ea n'kZ; k x; k ga

t\$ kfd v\$; k; 3 ea ppkZ dh xbz g\$ vkuokMh dk; ZnrZ vfedrj , d gh l epk; l s Fka vk'kk Fkh fd os l kepkf; d yk\$ ka dh l ghkfxrk v\$ l gk; rk i ktr djus ea dkjxj , t\$ fl)



I kj.lh 338 %I epk; dls l gllxh cukuseavloxuokMh dk; Zdriz dsl efk ykus okyh l eL; k, %/kakuokMh dk; Zdriz ds fopkj ¼ ¼ d; k=748%

I eL; kvka@ dfBukb; ka dh izdfr	ifj; kst ukvka dk LFkku			
	xteh.k (%)	tutkrh; (%)	'kgjh (%)	tkM+ (%)
mnl hu jo\$ k	118 (25.8)	40 (23.5)	11 (9.2)	169 (22.6)
vkbZ Hvh, l dk; Døe ds ifr c# [kh	33 (7.2)	17 (10)	04 (3.3)	54 (7.2)
I gllxh cukusgrq l e; dk vHkko	89 (19.4)	32 (18.8)	23 (19.2)	144 (19.3)
i; b\$kd@l Hvh hvks l sl gk; rk dk vHkko	50 (10.9)	28 (16.5)	05 (04.2)	83 (11.1)
tkfrxr Hknhkko	36 (7.9)	16 (09.4)	07 (05.8)	59 (07.9)
I epk; ds ikl l e; dk vHkko	164 (35.8)	55 (32.4)	32 (26.7)	251 (33.6)
udn ; k olrqds; i ea ; ksnku dh vl eFkrk	146 (31.9)	52 (30.6)	30 (25)	228 (30.5)
vl;	32 (7)	15 (8.8)	02 (1.7)	49 (6.6)

gkxkA yfdu mlgab l æak ea l eL; kvka vksj dfBukb; ka dk l keuk djuk i Mka yxHkx , d&frgkbl ¼3-6 ifr'kr½ uscrk; k fd l epk; ds ykska ds ikl l e; ugha g\$ D; kãd muea l s vfedkãk viuh thfodk ds fy, jkstxkj dh ryk'k ea ckj tkrsgã xteh.k vksj tutkrh; l epk; ka ds ekeys ea; g l p Fkka yf{kr ifjokjka ds fy, xjhch , d vl; dkj.k Fkka yxHkx 23 ifr'kr vka uokMh dk; Zdriz/ka us i k; k fd ykska dks ifj; kst uk dk; Zdriz/ka dh rfud Hkh ijokg ugha Fkh vksj os muds l kFk mnl hurk l s Hkjk 0; ogkj djrs Fkka ifj; kst uk ds dk; Zdriz/ka fo'kSkdj vkuokMh dk; Zdriz/ka ea vi; kãr tkx: drk l kepkf; d l gHkfxrk ds l æak ea , d xHkh deh Fkka

3-7 I kjkak

vfedkãk cky fodkl ifj; kst uk vfedkãk; ka ¼70 ifr'kr l s vfedk½ uscrk; k fd ifj; kst uk Lrj ij l ello; l febr ekst in Fkka fu; fer l efd cky fodkl l ok ifj; kst uk, avksj fo'o cãd l gk; rk&i nÙk ifj; kst ukvka dh rgyuk ea de l d; k ea l ello; l febr; ka Fkka cgrj l pkj l fpekk, a gksus ds dkj.k

'kgjh ifj; kst uk {ks=ka ¼3-3 ifr'kr½ ea l ello; l febr; ka Fkka {ks=h; @xte Lrj ij} fo'kSkdj tutkrh; {ks=ka vksj xj&l jdkjh l æBuka }kj k l pkfyr ifj; kst ukvka ds Lrj ij LokLF; foHkx ds l kFk dN gn rd l ello; dk vHkko Fkij ijUrqdy feyk dj ifj; kst uk Lrj ij l ello; l ækSk tud i k; k x; ka nk&frgkbl ¼68 ifr'kr½ l sdN T; knk cky fodkl ifj; kst uk vfedkãk; ka dk fopkj Fk fd l ello; l febr dh cBda i Hkkodkj Hkh tãd yxHkx 1@5 vfedkãk; ka ¼21 ifr'kr½ dks yxk fd , d h cBda vR; fekd i Hkkodkj Fkka LokLF; vfedkãk; ka dh i; kãr l d; k ¼¼ ifr'kr½ vl; dk; ka ea yxh gpbZ Fkh ftl dh otg l s l ello; dk vHkko jgkA i; kãr l d; k ¼¼ ifr'kr½ ea cky fodkl ifj; kst uk vfedkãk; ka us crk; k fd dk; Døka vksj l okvka ea vrl æak LFkfi r djus ds fy, l kepkf; d vHk l kfjrk dk vk; kst u djus ds fy, iz kl fd, x, A

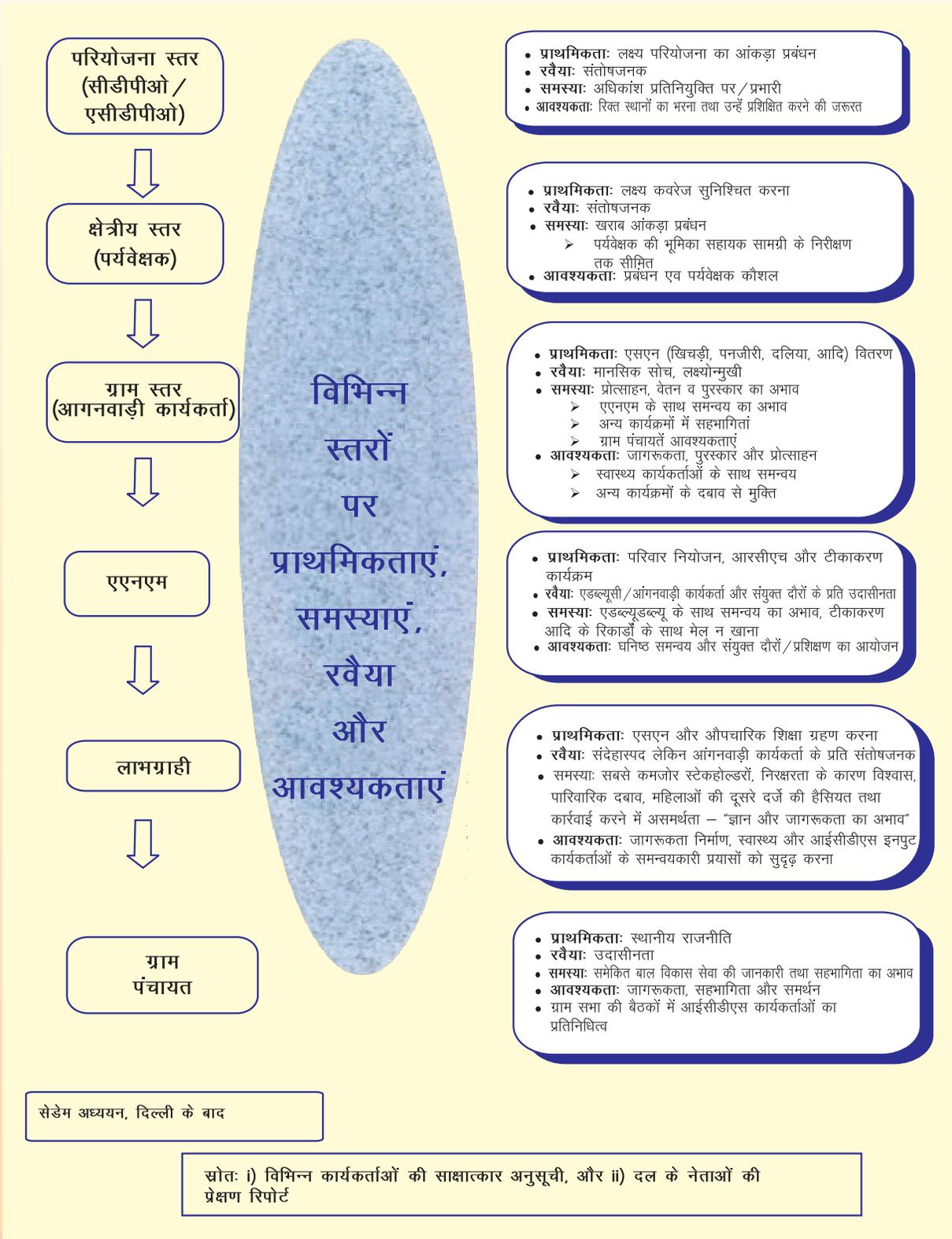
mi; Dr ppkZ l svol j puk rFk l efd cky fodkl l ok dk; Døe ds ekè; e l s yf{kr l epka dks gksus okys yHkka ds l anHkZ eadfri; Ok; ns vksj dfe; ka l keus vkbZ gã

; g ik; k x; k fd l efd cky fodkl l ok ifj; kst uk {ks=ka ea LopNrk fpUr dk , d eã; {ks= jgk g\$ ftl ea vkuokMh; ka ea' kkpky; t\$ h cãu; knh l fpekkvka dh vksj vfedk è; ku fn, tkus dh vko'; drk gã vè; ; u l sirk pyk g\$fd i kFkfed LokLF; d bñka vksj mi & d bñka t\$ s egUoi wkZ LokLF; l okvka dh mi yCekrk l hfer gã ; g ik; k x; k fd vfedkãk vkuokMh d bñka eagM i Ei vksj i kuh dsuy i kuh ds eã; l kr Fk\$ tks l j f{kr i hus ds i kuh dh 0; olFk dk l pd gã

vè; ; u l sirk pyk fd vfedkãk vkuokMh d bñz i Ddshkouka eafLFkr gã rFkfi vfedkãk vkuokMh



fp= 3-17 % fofHkUu Lrjka ij i k Fk fedrk, I eL; k, I jo\$ k v k\$ vko'; drk, a



dšbka ea ckgjh vksj vkarfjd LFkku rFkk phta j [kus vksj [kkuk cukusdh txg vi ; klr Fkha nškk x; k fd tutkrh; {ks=ka ea 52 ifr'kr l s vfekd cPpka dks vkaquokMh ea i gpusdsfy, , d l svfekd fdykehVj vksj dHkh&dHkh rhu fdykehVj l svfekd dh njuh r; djuh i Mfh gA

vfekdka k vkaquokMh dšbka ea cPpka dh i ks"Vd vkgkj l ækh fLFkr tkuus ds fy, Hkkj rksyd e'khu Fkha rFkfi] ftu vkaquokMh dšbka dk vè; ; u fd; k x; k] muea l s 44 ifr'kr dšbka ea Ldny&i wZ fdVt miyCek ugha FkA ; gka rd fd vkaquokMh dšbka ea [kcy l kexh vi ; klr i kbZ xbA vfekdka k vkaquokMh dšbka ea [kkuk idkus vksj [kkuk ijkl us ds crZu miyCek ugha FkA

dbZ ifj; kstukvka ea cky fodkl ifj; kstuk vfejdkfj; ka@l gk; d cky fodkl ifj; kstuk vfejdkfj; ka vksj i; bškdkadsin fjDr ik, x,] rFkfi] vkaquokMh dk; ĐrkZka vksj gYijka dh fu; qDr vksj miyCekrk l aršktud Fkha tgka rd l ešdr cky fodkl l ok dk; ĐrkZka ds if'k{k.k dk l æk gš vè; ; u ds vuq kj dgy feykdj mudh fLFkr l aršktud i kbZ xbA , d gh xk@bykds l sl æk j [kusokysvkaquokMh dk; ĐrkZka ds ekeys ea fo'o cšl] xš&l jdkjh l æBu&l pkfyr vksj fu; fer l ešdr cky fodkl l ok ifj; kstukvka ea dkQh varj ik; k x; ka dgy feykdj] l ešdr cky fodkl l ok dk; ĐrkZka dh l Hkh Jš.k; ka dk i kQkby l aršktud Fkk] D; kšid buea l svfekdka k dk; ĐrkZ i kš-; vuđkoh] ; kš; vksj if'kf{kr ik, x, A

vè; ; u l sl ešdr cky fodkl l ok ifj; kstukvka dsl Hkh Vki dh l Hkh Jš.k; k; ka dšykhkkfFkZ ka dsl aršktud dojst dk irk pyk] ftl ds varxZ dkQh gn rd yf{kr tul š; k] fo' kškdj fodyka cky ykHkxkfg; ka dks doj fd; k x; k] tkšd 55-6 ifr'kr Fkha vè; ; u l s ; g fu" d"Z fudyk fd vkaquokMh dšbka useš; r% xjhc ifjokjka fo' kškdj xjhc jškk l suhpsvkuokys ifjokjka dh vko'; drkvka dks ij k fd; ka ykHkFkZ ?kj kus dk vkdj vfejdk'kr% i kp l nL; ka rd gh l fer FkA 25-7 ifr'kr ykHkxkgh ?kj kuka dsekeyseaxš&d f" k Je eš; 0; ol k; ik; k x; k] bl dšckn [kšh 1/24-5 ifr'kr 1/4 Lo&jkšt xkj 1/4 6-2 ifr'kr 1/4 d f" k Je 1/4 5-9 ifr'kr 1/4 l ok 1/4 1-61 ifr'kr 1/2 vksj vL; 1/5-6 ifr'kr 1/2 dk LFkku vkrk gA

ifj; kstuk l s yšdj xteh.k Lrj ij foHkku dk; ĐrkZka }kjk vHkO; Dr dh xbZ i kFkfedrkvk n"Vdks kka l eL; kvka vksj vko'; drkvka dks l e>us dsfy, ny dsurkvka }kjk nh xbZ xqkkRed tkudkj h vksj i šk.k fj i kvka ds vkekkj ij , d pkVZ rš kj fd; k x; kAa ; [fi] yxHkx l Hkh cky fodkl ifj; kstuk vfejdkfj; ka vksj vkaquokMh dk; ĐrkZka dk ; g er Fk fd Ldhe dsmiš; ka dks dkQh gn rd gkfl y dj fy; k x; k gš 1/4 vuqak 6 1/4 ij l r qeš i kFkfedrk, a vksj vko'; drk, a ifj; kstuk l s yšdj xte Lrj rd fHkku&fHkku Fkha 1/4 p= 3-17 1/4 p= l snškus l sfeyk gš fd i kFkfedrkvka vksj vko'; drkvka ea dk bZ l ekurk ugha Fkha bl fy,] l Hkh Lrjka ij dkj xj izæku vFkok iz kkl fud glr{kš dh vko'; drk gA





v/; k; 4

I ok, a i nku djus dk vkdyu

- 4-1 I efdr cky fodkl I ok ds vixr I ok inku djus dk {k-
- 4-2 ijd i kskkgkj
- 4-3 Ldny&i dz cPpk dk fodkl
- 4-4 Vhdkdj.k
- 4-5 LokLF; tkp
- 4-6 i ksk.k vj LokLF; f'kqk ¼ u , p bZ Mh½
- 4-7 jQjy I ok, a
- 4-8 I kjk k



I ɔk, a inku djus dk vkdyu

4-1 I ešdr cky fodkl I ɔk ds vrxr I ɔk inku djus dk {ks-

bl vē; k; e] ml dk; Bqkyrk vls I hek dk vkdyu djus dk iz kl fd; k x; k gš ftl I hek rd I ešdr cky fodkl I ɔk ds vrxr I ɔk vka dk i šst fofhku y{; I e]ka ds ykHkFkZ inku fd; k tkrk gš I ešdr cky fodkl I ɔk dk; Dē ds vrxr I ɔk, a ykHkFkZ ka dh fhku&fhku Jš.k; ka ds fy, gšrh gš vls bl fy, inku dh tkrh gš fd fuf'pr ifjdYir mīš; i klr fd; k tk I dā I ešdr cky fodkl I ɔk dk; Dē ea I fēfyr iR; d I ɔk dk p; u dfri; y{; i klr djus ds fy, fd; k x; k FkA I ešdr cky fodkl I ɔk dk; Dē bl rjg I srš kj fd; k x; k gš fd I ekt ds xjhc vls vYi I fōekki klr oxkā I s I eškr vl ā; ifjokjka dks u dōy efgykva vls cPpka dh LokLF; vls i kškgkj fLFkr I ɔk kus ds fy, cfYd mudspgēfkh fodkl ds fy, I ɔk, a inku djus ds okLrs i "B I gk; rk inku dh tk I dā orēku vē; k; ds vrxr u dōy xHkbrh vls Lruiku djkus okyh ekrvkadh cfYd I kfk gh uotkr o N%ekl vls

N%o"lz dschp dscPpka dh i kškgkj vls LokLF; fLFkr dk Hkh irk yxkus dk iz kl fd; k x; k gš bl ds vrxr LokLF;] i kškgkj vls Ldny&iwz f'k{kk tš h I ɔk vka ds mi; ks vls mu dkj dka dk Hkh mYy[k fd; k x; k gš tks I ɔk vka ds dkj xj mi; ks ea ykHkFkZ ka dks i Hkfor djrs gš bl vē; k; ds fu"d"ka I s I ešdr cky fodkl I ɔk dk; Dē dh uhfr ea ifjorū djus ml dh; kst uk cukūš I ello; u] ekūhVju] i; b{k.k vls dk; kko; u gš qekxTunš kka dks I ā kškr djus ea I fōek gks I drh gš ftl I s fd I ɔk, a inku djus dh i fō; k vls xqkoūkk dks I q<+fd; k tk I dā

I ešdr cky fodkl I ɔk dk; Dē ds vrxr fuEufyf[kr I ɔk, a inku djus dh ifjdYi uk dh xbz gš

- 1- ij d i kškgkj
- 2- i frj {k.k
- 3- LokLF; tkp
- 4- jQjy
- 5- i ksk.k vls LokLF; f'k{kk
- 6- xš & vls pkfjd Ldny&iwz f'k{kk

I ešdy cky fodkl I ɔk ds ykHkFkZ cuke i nūk I ɔk, a	
ykHkFkZ ka dh Jš.kh , d o"lz I s de vk; qdscPps	i nūk I ɔk, a d½ ij d i kškgkj [k½ i frj {k.k x½ LokLF; tkp ?k½ jQjy I ɔk, a
1&2 o"lz dscPps	d½ ij d i kškgkj [k½ i frj {k.k x½ LokLF; tkp ?k½ jQjy I ɔk, a
3&6 o"lz dscPps	d½ ij d i kškgkj [k½ i frj {k.k x½ LokLF; tkp ?k½ jQjy I ɔk, a M-½ xš & vls pkfjd Ldny&iwz f'k{kk
xHkbrh vls Lruiku djkus okyh ekri, a	d½ LokLF; tkp [k½ fVVul dsfo#) xHkbrh ekrvkadh i frj {k.k x½ ij d i kškgkj ?k½ i ksk.k vls LokLF; f'k{kk
vll; efgyk, a 45&45 o"lz	i ksk.k vls LokLF; f'k{kk

mijkDr I kj.kh ea I ešdr cky fodkl I ɔk dk; Dē ds vrxr ykHkFkZ ka dh fofhku Jš.k; ka rFk mlga i nūk fofhku I ɔk vka ds kjs ea, d >yd i Lrē dh xbz gš

I ešdr cky fodkl I ɔk dk; Dē ds vrxr I ɔk, a i dfr I svlrj & {ks-h; gš vls blga cPpka ds I exz fodkl ij I fō; rki wzd i Hkko Mkyus ds mīš; I s inku fd; k tkrk gš I ešdr cky fodkl I ɔk ea vi ukbz xbz, d uhfr I ešdr <ā I s tYn cY; kolFk I ɔk, a I kfk & I kfk inku djus dh gš rkd



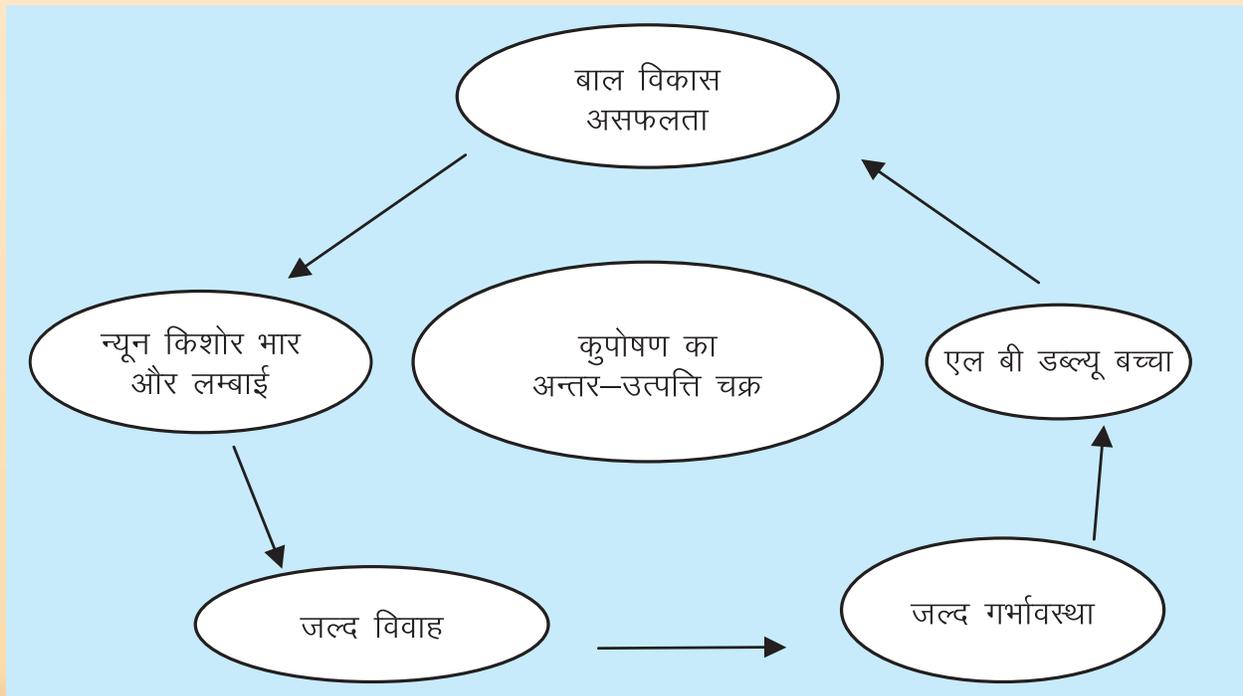
I exzi Hkko dghavfkd gk; D; kfid fdl h , d I ok dk i Hkko ml s vU; I Ec) I okvka ls ikr gkus okyh I gk; rk ij fuHkj d jrk gA mnkgj .kkfkZ I jf{kr ty vki firZ I efd r cky fodkl I ok ifj; kst uk {ks=ka ea , d vfuok; Z I eFkZudkj dh dk; D;e g; D; kfid i; kZr vks I jf{kr is ty cPpkavks ekrkvkads LokLF; ds fy, egloiwkZ gA bl fy, I jf{kr is ty dh miyCekrk I efd r cky fodkl I ok ifj; kst uk {ks=ka ea ikFkfedrk ds rks ij I fuf'pr fd, tkus dh t: jr gA LokLF; ?kVd] I efd r cky fodkl I ok dk; D;e ds vxZ I okvka ds i st dk , d egROIwkZ vak gA

I jdkj }kj k I e; & I e; ij tkjh exZunZ kka ij vkekkfjr gA ij d i kskkgkj I s fo|eku [kj kdka ea dsYksj; k; i ks/huk; [kfutka vks foVkeuka dh deh ij h gksh gA ifjokj ds vkgkj ea dVksr; ka dks jkck tk I drk gSrFk rrh; o prfkZxM ds di k'kr cPpkavks ekrkvkads i kskkgkj I akh i q#) kj dsfy, vU; mik; fd, tkr gA jk"Vh; i kskkgkj I kFku ¼ u-vkbZ, u-½ vks jk"Vh; i kskkgkj ekhVju C; jks ¼ u-, e-, e-ch-½ ds vud ve; ; uka vks i kskkgkj I akh I o k. kka I s irk pyr gSfd di ksk.k dk pØ vdsy I cl scMk pØ g; tks Hkkr ea f'k'kq vks cky er; qrFk #X.krk dh Ap h nj ea ; ksnku nrk gA di ksk.k dk , d mnkgj .k fp= 4-1 ea n'kz k x; k gS ft I s vUj&mri fUk pØ I s di ksk.k dh fujk' ktud fLFkr dk irk pyr gS vks ; g Hk irk pyr gSfd bl pØ dks rkmus dh t: jr gS vks ; g Hk irk pyr gSfd bl pØ dks rkmus dh t: jr gS rkd di ksk.k dh fo|ekurk dks I ekir fd; k tk I dA

4-2 ijd i kskkgkj

ijd i kskkgkj] fuEu vk; ifjokjka I s ufl Zk vks xHkZrh ekrkvka vks 6 o"z I s de vk; qds cPpka dks inku fd; k tkrk g; tks ykHkkrFkZ ka ds p; u ds I ak ea efgyk vks cky fodkl ea ky;] Hkkr

fp= 4-1 % di ksk.k dk vUj&tuj'sku pØ



I ešdr cky fodkl I ɔk ds varxř inku dh tkusokyh i k'kkkj I ɔkvka dk ykHkkfFkz ka dh i k'skkgkj I ɔækh fLFkfr ij fo'k'V i Hkko i Mƒk gA I ešdr cky fodkl I ɔkvka ds mi ; ksx vksj 7&13 o"lz ds vk; q dscPpkadh i k'sk.k fLFkfr ij bl ds i Hkko dk vkdyu djus ds fy, jk"Vh; tu l g; ksx , oa cky fodkl I ɔFkku }kjk , d ve; ; u vk; kftr fd; k x; k Fkka ; g ik; k x; k fd I ešdr cky fodkl I ɔk dk; Ɖe dk ykHk u mBkusokyscPpkadh vuq kr 2 l s < 3 o"lz ds vk; qoxZ ea 57-4 i fr'kr l sydj 5 l s < 6 o"lz ds vk; qoxZ ea 87-6 i fr'kr dk Åpk Fkka dġ k'sk.k dh 'k#vkr dk l okfeka egŲoi wkz fuækkj d Bc<rh vk; ħ vksj Bekn dk gksukb i k; k x; k ½j k"Vh; tu l g; ksx , oa cky fodkl I ɔFkku% 2005% i "B 92&93½A

ij d i k'skkgkj I ešdr cky fodkl I ɔk dk; Ɖe dh , d Åph ykx okyh fufo"V gA ykHkkfFkz ka uš fofoek [kk] vknrka ds dkj .k ij d i k'skkgkj dh ek=k Lokn] fofoekr ds vHkko vksj vuq yCekrk ds l ɔæka ea vl arkSk 0; Dr fd; k gS ½f l g 1984(fo' os oju] 1985(os kqk ki ky] 1985½A fdUr q; g Li"V djus ds fy, i ; kZr l k{; gš fd cPpka vksj efgykva ij i k'skkgkj ij dka dk l dkj kRed i Hkko i Mƒk gA I ešdr cky fodkl I ɔk dk; Ɖe l s dġ k'sk.k dh fo|ekurk ea deh vkbz gS vksj cPpka dh i k'skkgkj fLFkfr rFk ekuorkj ki h eki ea egŲoi wkz i fjořu gŲk gS ½j k"Vh; tu l g; ksx , oa cky fodkl I ɔFkku% 1992½A

I ešdr cky fodkl I ɔk ds varxř] rhu o"lz l s de vk; q ds cPpka ij fo'k'sk è; ku fn; k tkrk gA cPps dh vk; q ds vuq kj dġ k'sk.k dh ek=k fHkUu&fHkUu Fkha [kk] dh fdLe dk fuækkj .k ½nġk] i d ħdj .k&i wZv) & i d ħdj r [kk] vFkok LFkkuh; : i l smiyCek [kk] l kexh l s LFky ij gh rš kj [kk] ½ LFkkuh; miyCekrk] ykHkkfFkz dh fdLe] i fj ; kst uk ds LFkku] i z kkl fud 0; ogk; ĩrk vkfn ij fuHkġ djrk gA o"lz ea 300 fnu ij d i k'skkgkj

inku fd; k x; kA efgyk vksj cky fodkl ea ky;] Hkkjr l jdkj usvi usfnukad 21 tuoġh 2002 vksj 31 tuoġh 2006 ds rgr i k'skkgkj ekun.Mka ds l d kkeku vksj l kFk gh I ešdr cky fodkl I ɔk ds varxř ij d i k'skkgkj vksj i ækkuea=h xtekn; ; kst uk ds rgr i k'skkgkj ?kVd ds l ɔæka ea Hkh l d k'feker ekxřunž k tkjh fd, gA bu nks i =ka dk l kjka k uġps fn; k x; k gA

i k'skkgkj ekun.M

yHkkfFkz	dŠyġh ½d-dŠ½	i k'hu ½æ½
cPps 10&3 o"lz	300	8&10
cPps 13&6 o"lz	300	8&10
xHkġ : i l s dġ k'kr cPps ½okLF; tġp dscn ffdRI d dh l yġ ij ½	Åij l snqġk	Åij l snqġk
xHkġrh vksj nġeki ku djkus okyh ekrk, a	500	20&25
fd' kġ yMfd; ka	500	20&25

* bl l nġZ ea vkbz, e, l vřafu; e ea Lrui ku dsi ĩRI kġr djus d l ɔæka ea i koekula dh vġ è; ku vġd ĩr fd; k tġrk gA

mijkġr i k'skkgkj ekun.Mka ds ijk djus ds mġš; l s, d o"lz ea 300 fnu ds fy, yxHkx , d #i ; k i fr ykHkkfFkz i frfnu ½vksj ru½ ds foŲkh; ekun.M dk o"lz 1991 ea vkdyu fd; k x; k Fkġ ftl ea [kk] i fjoġu] i z kkl u] bāku vkfn dh ykx l fefyr Fkha jkT; ka dġ ykxw ekxřunž kka vksj ekun.Mka ds vuq kj] l Hkh i k= ykHkkfFkz ka dk i a thdj .k l ġuf' pr djuk pġfg, A 0&3 o"lz ds 40 ykHkkfFkz kġ 3 l s 6 o"lz ds fy, 40 vksj xHkġrh o Lrui ku djkus okyh ekrkvka ds l ɔæka ea 20 dk doġst ½efMdy vkækkj ij l gk; d ul Z feMokbQ@MkDVj }kjk fl Qkġ'k dh xbz pġ dks feykġj ½ tutkrh; &fHkUu {ks=ka ea , d i fr vkxuokMġ dġnz vksj tutkrh; {ks=ka ea Ɖe' k% 25 vkn'kz ds : i ea fuækkġr fd; k x; k gA

4-2-1 ij d i k'skkgkj dk l kř

I ožk.k ds fu"d"lz ueus ds 748 vkxuokMġ dġnzka ij vkækkġr gA l keku; rġš ij ij d i k'skkgkj



inku djus dk mís;] fo|eku ekun.Mka ds vuđ kj 31 ekpZ 2000 rd iKSkkgkj vLrxZg.k dks ijd cukuk Fkka I ešdr cky fodkl I ok ea ijd iKSkkgkj foHkUu I ksrka ls iklr fd; k tkrk gA vkakuokMh dk; ZdrkZvka dks mudh vkakuokFM+ ka ea iklr fd, x, ijd iKSkkgkj dsbu I ksrka ds cksj ea crkus ds fy, dgk x; k Fkka orZeku vè; ; u ds vkadMka ls irk pyk fd 80 ifr'kr ifj; kst ukvka eġ vkakuokFM+ ka ea iKSkkgkj dh 0; oLFkk djus dk I ksr jkT; I jdkj Fkh] tks Hkkjrh; [kk| fuxe o muds }kjk fofuekZjr vU; I ksrka ls [kk| ena iklr djrh Fkha nS[kk x; k fd fo'o [kk| dk; De ds rgr vkakuokFM+ ka ds N% ifr'kr dh I gk; rk nh xbZ tcfđ I h-, -vkj-bZ uspkj ifr'kr vkakuokFM+ ka ds fy, viuh iKSkkgkj I foekk inku dhA , d , d h iDfUk Hkh nS[kh xbZ ftl ds varxR xte ipk; r@ Lo&l gk; rk I engka us ykHkkfFkZ ka dks i dk gupk [kkuk miyÇek dj; ka ; | fi , d s vanknu dh ifr'kr rk I kkkj.k gS rFkfi vkakuokFM+ ka ds dk; žyki ka ea I epk; dks I feefyr djus ds fy, I ešdr cky fodkl I ok dk; ZdrkZvka fo'kSk : i ls vkakuokMh dk; ZdrkZvka }kjk fd, x, iz kl I jkguh; gA nS[kk x; k fd xS&l jdkj I aBuka }kjk I pkfyr dnd ifj; kst ukvka ea [kk| miyÇek dj kusokys xS&l jdkj I aBu us vi us Lo; a ds I d keku tDk, A tgka fnu eankscj [kk| dh 0; oLFkk dh xbZ ogkacr; k x; k fd vfrfjDr Hkkstu vU; I ksrka ls iklr gupk] tS sfd vS] kSxd ?kj kus@vU; fl foy I kd k; Vh I aBu 1/10 ifr'kr 1/1 I kj.kh 4-1 I sirk pyrk gS fd I Hkh xteh.k] 'kgjh vS tutkrh; {ks=ka ea jkT; I jdkj@l žk 'kkl r I jdkj ijd iKSkkgkj dh , d cMh inkrk gA rFkfi 'kgjh 1/2-5 ifr'kr 1/2 vS xteh.k 1/3-8 ifr'kr 1/2 {ks=kadh rgyuk ea tutkrh; {ks=ka ea; ksnku dh I hek de 1/6-8 ifr'kr 1/2 FkhA

I kj.kh 4-1 % ijd iKSkkgkj ds I ksr 1/4 u=748 1/2

1/2cgq mUkj 1/2

I ksr	ifj; kst uk dK LFku			
	xteh.k (%)	tutkrh; (%)	'kgjh (%)	tKM+ (%)
ds j	16 (3.5)	07 (4.1)	08 (6.7)	31 (4.1)
fo-[kk-dk-	10 (2.2)	29 (17.1)	05 (4.2)	44 (5.9)
jkT; @l žk 'kkl r {ks=	393 (85.8)	117 (68.8)	87 (72.5)	597 (79.8)
I epk;	02 (0.4)	02 (1.2)	0 (0.0)	04 (0.5)
vU;	37 (8.1)	15 (8.8)	20 (16.7)	72 (9.6)
tKM+	458 (100)	170 (100)	120 (100)	748 (100)

4-2-2 ykHkkfFkZ ka dk p; u vS ijd s tkus okys Hkkstu dh fdLe

vkadMka ls irk pyk fd ykHkkfFkZ ka dk p; u I cškr jkT; I jdkj }kjk fuekZjr ekin.M dk ikyu djds fd; k x; ka vkakuokFM+ ka ea ijd s tkus okys Hkkstu dh fdLe ka ds cksj ea Hkh vkadMh, d= fd, x, 1/4 kj.kh 4-2 1/4 I kj.kh I sirk pyrk gS fd 42 ifr'kr vkakuokFM+ ka us [kk| dh dPph ena iklr dh] ftUga vkakuokMh dšnka ea i dk; k vS cPpka dks ijd k x; ka ; g iFkk tutkrh; ifj; kst ukvka dh vkakuokFM+ ka ea vfed 1/3-5 ifr'kr 1/2 ikbZ xbA I Hkh idkj dh ifj; kst ukvka ea B [kkus ds fy, rS kjp [kk| dh 0; oLFkk dh xbZ ; g 'kgjh ifj; kst ukvka dh vkakuokFM+ ka ea vfedre 1/45-8 ifr'kr 1/2 Fkh] ml ds ckn xteh.k 1/3-6 ifr'kr 1/2 vS tutkrh; ifj; kst ukvka 1/23-5 ifr'kr 1/2

I kj.kh 4-2 % ijd iKSkkgkj dh fdLe 1/4 d; k=748 1/2

1/2cgq mUkj 1/2

I lykbZfd, x, [kk dh fdLe	ifj; kst ukvka dK LFku			
	xteh.k (%)	tutkrh; (%)	'kgjh (%)	tKM+ (%)
[kkus ds fy, rS kj	154 (33.6)	40 (23.5)	55 (45.8)	249 (33.3)
dPpk	201 (43.9)	91 (53.5)	24 (20.0)	316 (42.2)
nkuk@ fefJr	84 (18.3)	32 (18.8)	19 (15.8)	135 (18.0)
vU;	19 (4.1)	07 (4.1)	22 (18.3)	48 (6.4)
tKM+	458 (100)	170 (100)	120 (100)	748 (100)



vkauokMh dlnka ea ijd i kSkkgkj Hk.Mkj.k
& dN I keld; mnkj.k

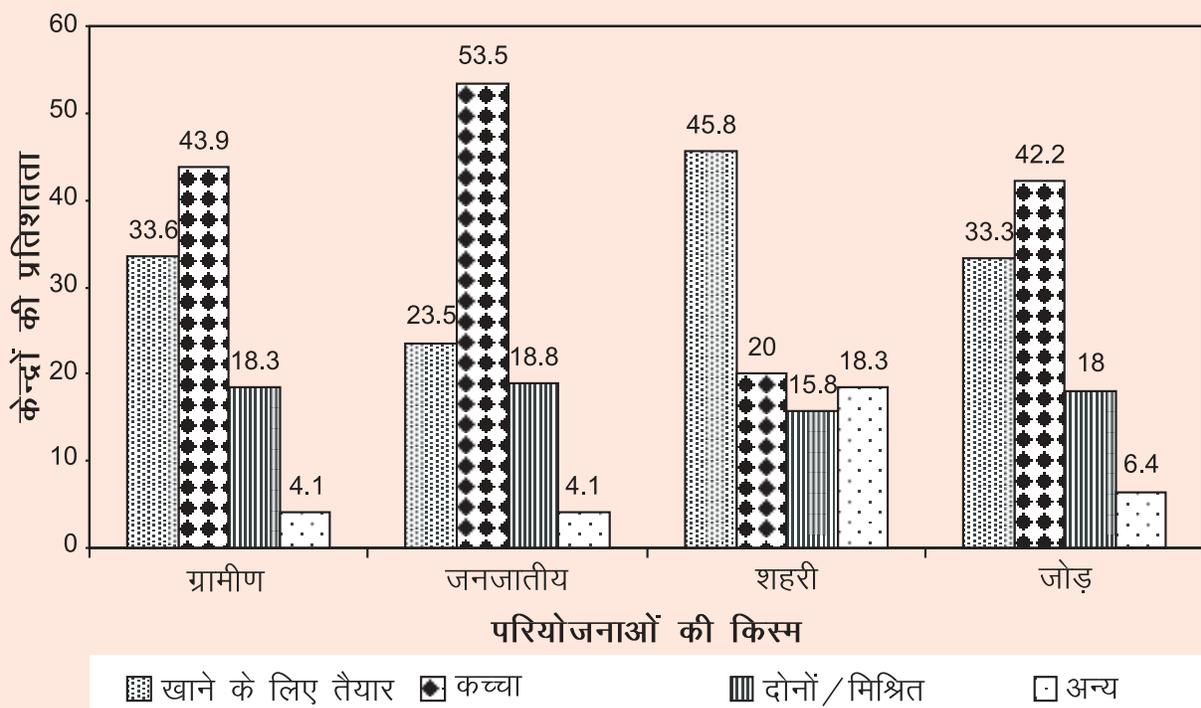


dk LFkku Fkka dN vkauokfM+ ka vks tutkrh; ifj; kst ukvka 1/23-5 ifr'kr 1/2 dk LFkku Fkka dN vkauokfM+ ka 1/18-0 ifr'kr 1/2 idk gqvk rFkk [kkus ds fy, r\$ kj [kk] miycek dj jgh Fkka rkydk 4-2 ea BvU; p ds vUrxZr , d dlnhd r LFkku ij r\$ kj fd; k x; k [kkuk rFkk ykHkFkZ; ka }kjk ?kj I syk; k x; k vks vkauokfM+ ka ea la p r : i I s cka/k x; k [kkuk Hkh I feefyr gA xqt jkr] jkt LFkku] egkj k"V vks ee; insk t\$ sdN jkT; ka e] otu ds vkekj ij xEHkj@ I kekj .k : i I sdq k\$kr ds: i eafofuekZ j r N% o"z I s de vk; qdscPka dks nrk I xBuka@0; fDr; ka }kjk enq : i ea 1/2pkhZdr 1/2 vFkok fMccm nmk ea idh jksxgj vkgj inku fd; k tkrk Fkka ; g] dk; D e dks i Hkkoh vks I kFkd cukus ds fy, vkekj Hkr Lrj ij I a keku t\$kus ds fy, I efd r cky fodkl I ok dk; Zr kZ/ka }kjk fd, x, mYy[kuh; iz, kl ka dk I dr gA

dlnka ea nks fdLe dh [kk] ena 1/8 [kkus ds fy, r\$ kj p vks dPpk@dPpk [kk] 1/2 I lykZ dh xbA vfedkkr% , dy [kk] en] e[; : i I s dPpk vFkok B [kkus ds fy, r\$ kj p] fcgkj] fnYyh] xkok] ef.ki.g] fl fDde] f=i.gk] mUkj insk] vMeku , oa fudkckj] pMhx< } nknjk vks ukxj gosyh rFkk ikMppjh jkT; ka@ I ak 'kkl r {ks=ka ea ijkl h xbA vU; jkT; ka@ I ak 'kkl r {ks=ka ds nks I s vfed I kr Fk\$ vFkZ B [kkus ds fy, r\$ kj p] dPpk@dPpk vks fefJrA bl ds vykok] vkadMka ds fo'ySk.k I sirk pyk fd 14 jkT; ka@ I ak 'kkl r {ks=ka ea [kk] dh vU; ena Hkh Fkhp t\$ sfd fcl dW] Mcy jk[h] dya bl idkj] 748 vkauokfM+ ka ea I s 249 ea p [kkus ds fy, r\$ kj p [kkus dh 0; oLFk Fkh] ml ds ckn dPpsdk LFkku 1/8 16 1/2 Fkk] 135 vU; vkauokfM+ dlnka us B [kkus ds fy, r\$ kj p vks dPpk@dPpk enka I s idk [kkuk ijkl k(48 vkauokfM+ dlnka us LFkkuh; Lrj ds i koekkuka dks viuk; k] tks ifj; kst uk Lrj ij bu i koekkuka dh miyeker ij fuHk] Fkka jkT; &okj rFkk ij d i k\$kgkj dh fdLeka vks mudh n"V ds I kr ka dk foj .k I y/Xud 7 ea fn; k x; k gA

vkU/z insk] tEer vks d'ehj] >kj [k.M] e\$ky;] fetje] mUkj py vks if'pe cakya e] vkauokfM+

fp= 4-2 % vkauokfM+ dlnz ea ijd i k\$kgkj dh fdLe



4-2-3 ijd i kskkgkj dsforj.k ea0; oekku

; g fl) gks pþk gsf d ijd i kskkgkj l s u dþy cþþka ds i kskkgkj l rj ea l þkkj gsrk gsf yd dþ ksk.k Hkh de gsrk gþ ; g vka uokMþ dþnka ds dk; Þyki ka ea Hkkx ysus ds fy, cþþka vþþj ekrkvka dh mi fLFkr dks c<kok nus ds fy, i j .kk dk Hkh dke djrk gþ vþþj bl idkj l efdr cky fodkl l þk dk; Ðe ea , d egl oiwkz Hkkfedk fuHkkrk gþ cky fodkl i f j ; kst uk vþþkd f j ; ka vþþj vka uokMþ dk; Þrkvka l s cþþka vþþj ekrkvka dks ijd i kskkgkj dh vki firZ ea 0; oekku kþ ; fn dkbz gþ ds ckjs ea crkus ds fy, Hkh dgk x; ka l kj .kh 4-3 ea vka uokMþ ka ea ijd i kskkgkj

I keuk djuk i Mþ ½nks ek l l svfekl fdlur rhu eghus l svfekl ughþ 25-5 i fr'kr vka uokMþ ka dks rhu ckj vþþj vþþkd bl l eL; k dk l keuk djuk i Mþ fo'kþ ekeyka ea yEch vofek ds vþþjka dh f j i kþZ dh xþZ ft l dk ckj .k ck<þ; d f Bu j rkbz dh otg l svl þyHkkrk bR; kfn Fkk ft l dh ux. ; l þ ; k ea vka uokMþ ka }kj k f j i kþZ dh xþZ ¼4-18 i fr'kr ¼A j k T ; &okj 0; oekku rFkk ml ds ckj .k l yXud 8 eanþ[st k l drsgþ nþ k x; k fd ijd i kskkgkj dh vki firZ ea 0; oekku dh otg l s vka uokMþ dk; Þrkvka dh nfo vþþj vka uokMþ dþnka ds dk; Þyki ka dh fo'ol uh; rk Hkh i Hkkfor gþZ rFkk l epk; ds l g; kþ vþþj Hkkxh nkjh ij udkj kRed i Hkko i MþA

I kj.kh 4-3 % ijd i kskkgkj ea 0; oekku

i f j ; kst & ukvka dk LFku	i j d i kskkgkj dh vki firZ ea 0; oekku				0; oekku dh ckj Eckj rk				
	, uvkj (%)	0; oekku ugha (%)	crk, x, 0; oekku (%)	l Hkh (%)	, d ckj (%)	nksckj (%)	rhu ckj (%)	fo'kþ ekeys (%)	t kMþ (%)
xkeh.k	2 (0.4)	218 (47.6)	238 (52.0)	458 (100.0)	99 (41.6)	75 (31.5)	49 (20.6)	15 (6.3)	238 (100.0)
tutkrh;	1 (0.6)	65 (38.2)	104 (61.2)	170 (100.0)	47 (45.2)	21 (20.2)	35 (33.6)	1 (1.0)	104 (100.0)
'kgjh	5 (4.2)	61 (50.8)	54 (45.0)	120 (100.0)	26 (48.1)	11 (20.4)	17 (31.5)	0 (0.0)	54 (100.0)
t kMþ	8 (1.1)	344 (46.0)	396 (52.9)	748 (100.0)	172 (43.4)	107 (27.0)	101 (25.5)	16 (4.1)	396 (100.0)

dh vki firZ ea 0; oekku ka dh o"lZ ea ckj Eckj rk n'kkbz xþZ gþ

, d i kskkgkj dh vki firZ ea 0; oekku ka dh ckj Eckj rk ds l eak ea , d jþkh; i l rþhdj .k fp= 4-3 ea fn; k x; k gþ

dþy feyk d j j ; | fi 46 i fr'kr vka uokMþ dþnka ea ¼xkeh.k & 47-6 i fr'kr j tutkrh; & 38-2 i fr'kr vþþj 'kgjh 50-8 i fr'kr ¼ i kskkgkj l þkvka dh vki firZ dh n"V l s dkbz 0; oekku ugha Fkk rFkk fi 52-9 i fr'kr us 0; oekku ka dh f j i kþZ dh A tutkrh; vka uokMþ dþnþ 0; oekku ka l s l okþekd i Hkkfor gþ % 61-0 i fr'kr tutkrh; vka uokMþ dþnþ ml ds ckn xkeh.k ¼52-0 i fr'kr ½ vþþj 'kgjh ¼45-0 i fr'kr ½ vka uokMþ dþnka dk LFku Fkk ftu vka uokMþ dþnka us ijd i kskkgkj dh vki firZ ea 0; oekku ka dh f j i kþZ dh mueal s 43 i fr'kr us , d ckj , d h fLFkr dk l keuk fd; k j tksnþ kHkkj l svfekl ugha þyþ vþ; 27 i fr'kr dks nks ckj , d h fLFkr dk

I kj.kh 4-4 ea i f j ; kst uk dh fofHkuu fdLeka ea i j d i kskkgkj dh vki firZ ea i gþh ckþk ds vþþj r fnuka dh l þ ; k n'kkbz xþZ gþ fu; fer l efdr cky fodkl l þk i f j ; kst ukvka ea i j d i kskkgkj ea 0; oekku dh fujk'kk tud fLFkr n'kkbz xþZ gþ ¼vþþj r 46-31 fnu ¼

I kj.kh 4-4 % ijd i kskkgkj ea 0; oekku ka ds fnuka dh vþþj r l þ ; k

I efdr cky fodkl l þk i f j ; kst ukvka dh i d f r	i f j ; kst ukvka dk LFku			
	xkeh.k	tutkrh;	'kgjh	t kMþ
fu; fer	50.48	41.12	37.48	46.31
fo'o cþd l gk; rk&i nþk	11.36	26.48	-	16.76
xþ&l j dkjh l þ Bu&l eþþþ	6.52	29.20	2.80	7.86



vkauokMh+ ka dh ij d i kSkkgkj vki firZ ea 0; oekku ds fy, ftEenjk dkjd@dkj.k rkfydk 4-5 ea fn, x, gA

crk; k tk l drk gA vU; 6-3 ifj; kstuvka us ifj; kstuvka ea l s 18-4 ifr'kr us dkj.k ds : i

rkfydk 4-5 % i kSkkgkj dh vki firZ ea 0; oekku ds dkj.k 1/4 q; k=748 1/2

1/2 cgq mUkj 1/2

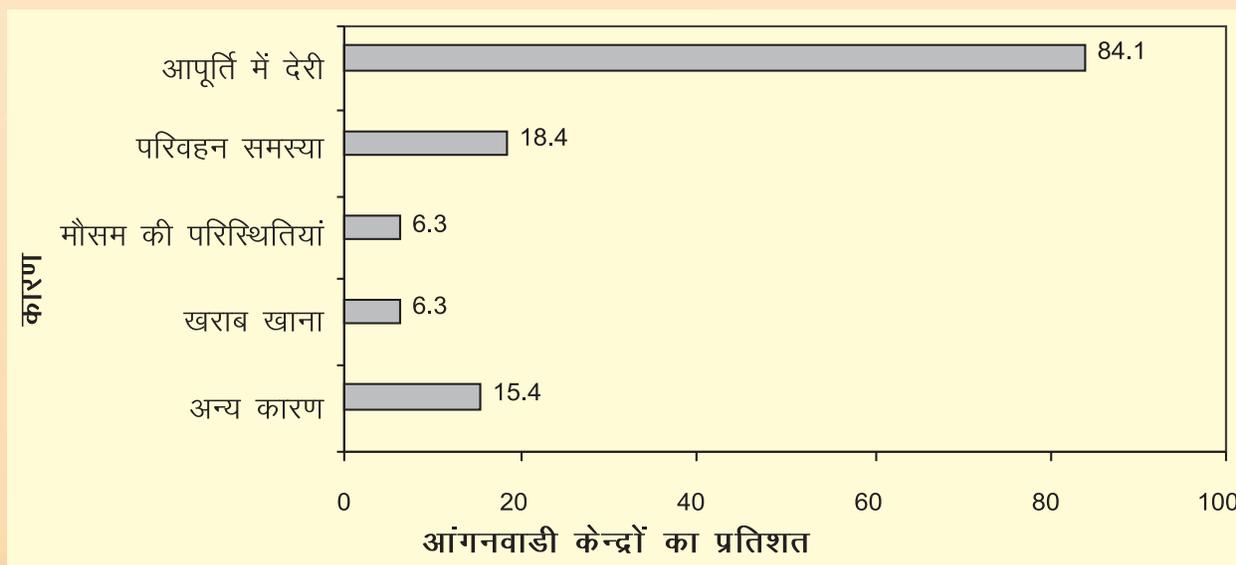
LFku	0; o/kku dh fj i kZ djusokys vkauokMh d'bnka dh l q; k	dkj.k						
		vki firZ ea njh (%)	ifjogu l eL; k (%)	ekl e fLFfr (%)	ifj; kstuk LVkQ Njh ij (%)	vkauokMh dk; d'bnka l gk; d dh r'krh ugha (%)	[kjc [kkuk gqvk (%)	vU; dkj.k (%)
xkeh.k	238	209 (87.8)	36 (15.1)	12 (5.0)	7 (2.9)	0 (0.0)	12 (5.0)	34 (14.3)
'kgjh	104	88 (84.6)	35 (33.6)	11 (10.6)	1 (1.0)	1 (1.0)	7 (6.7)	13 (12.5)
tutkrh;	54	36 (66.7)	2 (3.7)	2 (3.7)	0 (0.0)	0 (0.0)	6 (11.1)	5 (9.2)
tkm+	396	333 (84.1)	73 (18.4)	25 (6.3)	8 (2.0)	1 (0.3)	25 (6.3)	52 (13.1)

ftu ifj; kstuvka us 0; oekku ka dk l keuk fd; k] muea l s 88 ifr'kr us 0; oekku dk , d i e q k dkj.k ij d i kSkkgkj dh vki firZ ea njh dk gksuk crk; kA bl s l hkor% e q; ; i l s ifjogudrkz dks vnk; xh u fd; k tkuk vFkok ifj; kstuvka ds fy, ifjogu dh 'krar; djus l s l Ec) l eL; k, a

ea [kjc [kkuk crk; kA crk, x, vU; dkj.kka e] 6-3 ifj; kstuvka us eku dk l e; ij u tkjh fd; k] fufonk vkef=r djus ea i f 0; kRed tVyrk, a 'kkfey Fkha

fp= 4-5 ea ij d i kSkkgkj ds 0; oekku ds dkj.k j s kh; : i ea n' k z, x, gA

fp= 4-5 % vkauokMh d'bnka ea vuqj d i kSk.k ea 0; oekku ds dkj.k



4-2-4 ijd iškkgkj ds varxř efgyvkva dk dojst

dšntka I sykhk mBkus okyh efgyvkva dh ifr'krk Hkh mRl kgtud Fkhj tks vfekdka k ekeyka ea 80 ifr'kr I s vfekd FkhA xš&l jdkjh I xBu }kjk I pkyr xteh.k vkauokMh dšntka dh ifr'krk doj 68-3 FkhA

4-2-4-1 xHkbrh efgyk, a

rkydk 4-6 ea ueuk vkauokMh dšntka ea ijd iškkgkj ds varxř xHkbrh efgyvkva ds dojst dh fLFkr n'kkbz xbz gA vkauokMh dšntka ea fji kVZ djus okyh 13750 xHkbrh efgyvkva ea s6526 ¼47-5 ifr'kr½ xHkbrh efgyvkva dks i at hđr fd; k x; k] ftueal s5696 ¼87-3 ifr'kr½ xHkbrh efgyk, a ijd iškkgkj dk ykhk iklr dj jgh FkhA I okk.k vkadMh I s Li "Vr% irk

4-2-4-2 ufl ž ekrvka

xHkbrh efgyvkva ds p; u vi uk, x, ekun.M dk ufl ž ekrvka ds ekeys ea Hkh ikyu fd; k x; kA bu ekrvka dh iškkgkj t: jrkadks ijk djus ds fy, cky fodkl ifj; kst uk vfekd kfj; ka vKš ešMdy vfekd kfj; ka }kjk I rr vKš fudV : i I s fuxjkuh

rkydk 4-6 % ijd iškkgkj ds varxř xHkbrh efgyvkva dk dojst

{ks-	LFku	vkauokMh dšntka dh I a		xHkbrh efgyk, a					
		dy	dojst fji kVZ	dy	vKš r vkauokMh	i at hđr		ykhk iklr djus okys	
						I ž; k	dy dk ifr'kr	I ž; k	i at hđr dk ifr'kr
fu; fer I-ck-fo-l s	xteh.k	390	380	7435	19.6	3399	45.7	2944	86.6
	tutkrh;	140	140	1902	13.6	1176	61.8	1109	94.3
	'lgjh	105	103	2331	22.6	927	39.8	773	83.4
	t kM+	635	625	11668	18.7	5502	47.2	4826	87.7
fo'o cšd I effkř	xteh.k	45	45	945	21.0	470	49.8	416	88.5
	tutkrh;	25	25	377	15.1	184	48.8	164	89.1
	t kM+	70	70	1322	18.9	654	49.5	580	88.7
xš&l jdkjh I xBu }kjk I pkyr	xteh.k	23	23	414	18.0	208	50.3	142	68.3
	tutkrh;	5	5	36	7.2	21	58.3	18	85.7
	'lgjh	15	15	311	20.7	141	45.3	130	92.2
	t kM+	43	43	761	17.7	370	48.6	290	78.4
I Hkh {ks-	xteh.k	458	448	8793	19.6	4077	46.4	3502	85.9
	tutkrh;	170	170	2315	13.6	1381	59.6	1291	93.5
	'lgjh	120	118	2642	22.4	1068	40.4	903	84.6
	t kM+	748	738	13750	18.6	6526	47.5	5696	87.3

pyrk gšfd xHkbrh efgyvkva ds i at hđr Lrj] fu; fer] fo'o cšd] xš&l jdkjh I xBu ifj; kst ukvka ds chp] , d tš sFkA ; g i; klr #fpdj gšfd xHkbrh efgyvkva dk dojst tutkrh; vkauokMh dšntka ea fu; fer I ešdr cky fodkl I ok ifj; kst ukvka ¼61-8 ifr'kr½ ea vKš xš&l jdkjh I xBu I pkyr I ešdr cky fodkl I ok ifj; kst ukvka ¼58-3 ifr'kr½ ea vfekdre ik; k x; kA xHkbrh efgyvkva dk vfekdre dojst fo'o cšd ifj; kst ukvka }kjk I pkyr vkauokMh dšntka ds xteh.k {ks-ka ¼49-8 ifr'kr½ ea ik; k x; kA vkauokMh dšntka ea i at hđr bu xHkbrh efgyvkva ea I } vkauokMh

j [kh xba ekrvka dh bl Jskh ds I ak ea iklr vkadMh I kj.kh 4-7 ea I Lrř gA

mYyřkh; gšfd fo'o cšd I gk; rk&i nUk I ešdr cky fodkl I ok ifj; kst ukvka ds varxř nl ea I suks ¼91-6 ifr'kr½ ekrvka dks iškkgkj inku fd; k x; k] ml ds ckn fu; fer I ešdr cky fodkl I ok ifj; kst ukvka ¼88-4 ifr'kr½ dk vKš xš&l jdkjh I xBu }kjk I pkyr I ešdr cky fodkl I ok ifj; kst uk dk LFku ¼85-9 ifr'kr½ FkhA #fpdj gšfd xš&l jdkjh I xBu }kjk I pkyr I ešdr cky fodkl I ok



rkfydk 4-7 % ijd i kskkgkj ds vxr r ufl & ekrkva dk dojst

{ks-	LFiku	vka uoMh dlnka dh l a		ufl & ekrk, a					
		dgy	dojst dh fj i k/z	dgy	vkr vka uoMh dlnka	i a t h d r		y k h k m B k u s o k y h	
						I a ; k	dgy dk i f r ' k r	I a ; k	i a t h d r dh i f r ' k r r k
fu; fer l -ck-fo-l s	xkeh.k	390	380	6790	17.9	3238	47.7	2830	87.4
	tutkrh;	140	140	1582	11.3	1126	71.2	1032	91.7
	'kgjh	105	103	1885	18.3	998	52.9	878	88.0
	t k M +	635	625	10257	16.4	5362	52.3	4740	88.4
fo'o c d l l e f k r	xkeh.k	45	45	895	19.9	423	47.3	369	87.2
	tutkrh;	25	25	304	12.2	235	77.3	234	99.6
	t k M +	70	70	1199	17.1	658	54.9	603	91.6
x s & l j d k j h l a B u k a } k j k l p k f y r	xkeh.k	23	23	390	17.0	225	57.7	170	75.6
	tutkrh;	5	5	35	7.0	31	88.6	31	100.0
	'kgjh	15	15	265	17.7	133	50.1	133	100.0
	t k M +	43	43	690	16.1	389	56.3	334	85.9
l H h {ks-	xkeh.k	458	448	8075	18.0	3886	48.1	3369	86.7
	tutkrh;	170	170	1921	11.3	1392	72.5	1297	93.2
	'kgjh	120	118	2150	18.2	1131	52.6	1011	89.4
	t k M +	748	738	12147	16.5	6409	52.8	5677	88.6

ifj; kst ukvka e a t u t k r h ; v k s ' k g j h { k s - k a e a v k a u o M h d l n k a l s 100 i f r ' k r u f l & e k r k , a y k h k i k l r d j j g h F k h t c f d x k e h . k { k s - k a e a i f r ' k r r k 765-6 F k h a f u ; f e r l e f d r c k y f o d k l l o k i f j ; k s t u k v k a v k s f o ' o c d l l e f d r c k y f o d k l l o k i f j ; k s t u k v k a e a H k h i j d i k s k k g k j d k y k h k m B k u s o k y h u f l & e k r k v a d h i f r ' k r r t u t k r h ; { k s - k a e a O e ' k % 91-7 i f r ' k r v k s 99-6 i f r ' k r 1/2 v R ; f e k d i k b z x b A b u v k a d M h a l s b l r F ; d k L i " V : i l s l a d r f e y r k g s f d l e f d r c k y f o d k l l o k d k ; O e y f { k r x H k o r h e f g y k v k a v k s u f l & e k r k v a r d i g p u s e a l e f k z g y k g A

i a t h d r v k s y k h k m B k u s o k y h x H k o r h e f g y k v k a d h l a ; k d h j k T ; o k j f l F k f r l a y X u d 10 e a n ' k k b z x b z g A b l f o H k k t u l s i r k p y r k g s f d d o y e s k k y ; j k T ; e a x H k o r h e k r k v a d k 90 i f r ' k r l s v f e k d d s i a t h d j . k d h f j i k s / z d h x b A f t u j k T ; k a l a k ' k k f l r { k s - k a e a x H k o r h e k r k v a d k 80 v k s 90 i f r ' k r d s c h p i a t h d j . k g y k } o s F k % f e t k j e 1/81-7 i f r ' k r 1/2 v k s n k n j k v k s u x j g o s y h 1/82-0 i f r ' k r 1/4 x k o k e a i a t h d r x H k o r h e f g y k v k a d h i f r ' k r r k l c l s d e 1/81-3 i f r ' k r 1/2 f j i k s / z d h x b A i k ; k x ; k f d l H h i a t h d r x H k o r h e f g y k v k a u s v # . k k p y i n s k j u k x k y M

f = i j k j y { k } h i v k s i k a M p g h j k T ; k a l a k ' k k f l r { k s - k a e a i j d i k s k k g k j d k y k h k m B k ; k a f t u j k T ; k a l a k ' k k f l r { k s - k a e a 90 i f r ' k r l s v f e k d y k H k k f k z ; k a u s y k h k m B k ; k j o s F k % v k U e z i n s k 1/83-4 i f r ' k r 1/4 x k o k 1/86-8 i f r ' k r 1/4 f g e k p y i n s k 1/83-9 i f r ' k r 1/4 t e e w v k s d ' e h j 1/80-5 i f r ' k r 1/4 > k j [k . M 1/83-0 i f r ' k r 1/4 d u k d / d 1/81-7 i f r ' k r 1/4 e g k j k " v 1/82-5 i f r ' k r 1/4 e f . k i j 1/86-9 i f r ' k r 1/4 e s k k y ; 1/83-9 i f r ' k r 1/4 f e t k j e 1/84-4 i f r ' k r 1/4 m U k j i n s k 1/83-7 i f r ' k r 1/4 n k n j k v k s u x j g o s y h 1/82-7 i f r ' k r 1/2 v k s n e u o n h o 1/84-1 i f r ' k r 1/4 i k ; k x ; k f d 14 j k T ; k a e a 18 v k s 90 i f r ' k r d s c h p x H k o r h e f g y k v k a e a i j d i k s k k g k j d h d e h i k b z x b A

i a t h d r v k s i j d i k s k k g k j d k y k h k m B k u s o k y h u f l & v f o k l r u i k u d j k u s o k y h e k r k v a d h j k T ; & o k j f l F k f r l a y X u d 10 e a H k h n h x b z g A d y f e y k d j] 50 i f r ' k r l s d l N v f e k d u f l & e k r k , a 1/82-8 i f r ' k r 1/2 i a t h d r F k h a b u e a l s 89 i f r ' k r d k s i j d i k s k k g k j i k l r g y k A 80 i f r ' k r l s v f e k d u f l & e k r k , a v # . k k p y i n s k 1/82-9 i f r ' k r 1/4 f e t k j e 1/80-3 i f r ' k r 1/4 u k x k y M 1/81-8 i f r ' k r 1/2 j k T ; k a e a



rFkk nknjk vksj uxj gosyh 185-5 ifr'kr½ vksj y{k}hi 187-7 ifr'kr½ l 2kh; {ks=ka ea ij d iks'kkgkj dsfy, iathdr ikbzxbA ; g Hkh ik; k x; k fd bu jkT; ka ea mPp ifr'kr ea ufl ž ekrvka dks iks'kkgkj inku fd; k x; ka dñ jkT; ka ea ufl ž ekrvka dk iathdj.k vfed ik; k x; kj ftUgkaus xHkZrh ekrika dk mPp iathdj.k n'kkz kj tš sfd fetkje] nknjk vksj uxj gosyhA dkOh vfed l 2; k ea iathdr ykHkFkZ ka 1/2 ufl ž ekrr, ž ds chp 90 ifr'kr l s vfed ufl ž ekrr, a ij d iks'kkgkj dk ykHk iklr dj jgh Fkha ; sjkT; vksj l 2k 'kkfl r {ks= g% vklekz insk 184-5 ifr'kr¼ NÜkh l x<+184-5 ifr'kr¼ xkxk 187-2 ifr'kr¼ gfj; k.kk 180-3 ifr'kr¼ fgekpy insk 183-5 ifr'kr¼ tEewvksj d'ehj 184-4 ifr'kr¼ >kj [k.M 186-0 ifr'kr¼ dukVd 181-4 ifr'kr¼ djy 185-2 ifr'kr¼ ee; insk 186-0 ifr'kr¼ ef.kij 184-4 ifr'kr¼ djy 185-2 ifr'kr¼ ee; insk 186-0 ifr'kr¼ ef.kij 184-7 ifr'kr¼ ešky; 186-9 ifr'kr¼ fetkje 183-3 ifr'kr¼ flDde 181-7 ifr'kr¼ rfeyukMq 180-5 ifr'kr¼ mükj insk 93-8 ifr'kr¼ mükjapy 186-9 ifr'kr¼ fnYyh 183-1 ifr'kr¼ neu vksj nho 184-9 ifr'kr¼ y{k}hi 186-0 ifr'kr½ vksj i kf.Mpjh 187-2 ifr'kr¼A crk; k x; k gšfd f=i jk] v.Meku vksj fudkckj] pMhx<+ rFkk nknjk vksj uxj gosyh ea 'kr& ifr'kr ufl ž ekrr, a ij d iks'kkgkj dk ykHk iklr dj jgh Fkha

3kj fuëkkZjr ekun.Mka dk ikyu djds fd; k x; k Fkka rhu o"z l s de vk; qds l Hkh cPpž ftUga xEHkj : i l s vFkok l këkkj.k : i ea dñ kš"kr fofuëkkZjr fd; k x; k Fkk 1/2k; qds vuđ kj otu ds vëkkj ij 1/2 ; g l gk; rk ikusds ik= FkA ueusdh l Hkh vkakuokM+ ka ea crk; k x; k gšfd fodkl pkVZ vk; qds vuđ kj otu dk jškh; i Lrñhdj.k l lykbz fd; k x; k Fkka tgka dgha fodkl pkVZ mi yCek ugha Fkš ogka vk; qds vuđ kj otu tle l syđj ikp o"zrd , d jftLVj eafjdkMzfd; k x; k Fkka nškk x; k fd xM III vksj IV dñ kš"kr cPpka ds ekeys eš ek=kRed vksj xqkkRed nksuka gh n"V l š rksyu ifØ; k l rksktud <x l s dk; Zdjrh irhr gñA fo'kš : i l s t: jren cPpka dh ixfr dk vkdyu djusdsfy, Btkš [ke dsrgrñ cPpka dh voëkkj.kk dk bLrëky fd; k x; ka , d s cPpka dh l ph vyx l s rš kj dh xbz vksj mudk gj eghus l koëkuhi wzd otu fd; k x; k Fkka l gk; d ul Z feMokbQ@ ih, p-, u- vksj MkDVjka us mu ij fo'kš è; ku fn; k rFkk müga jksxgj vkgkj inku fd; ka vkakuokM+ dk; Zrkžka vksj cky fodkl ij; kstuk vfedkfy; ka us fjdkMka dk ekñhVj.k fd; k rFkk dñ kš"kr cPpka dh l 2; k ds ckjs ea tkudkjh mi yCek djkbA l ešdr cky fodkl l šk dk; Zrkžka usbl tkudkjh dk mi; kx [kk | vko'; drkva dk vuëku rFkk vkakuokM+ ka dks le; ij iklr vksj l lykbz djusdsfy, fd; ka

I kj.kh 4-8 % cPpka dks ij d iks'kkgkj 1/6 ekl l s 3 o"z

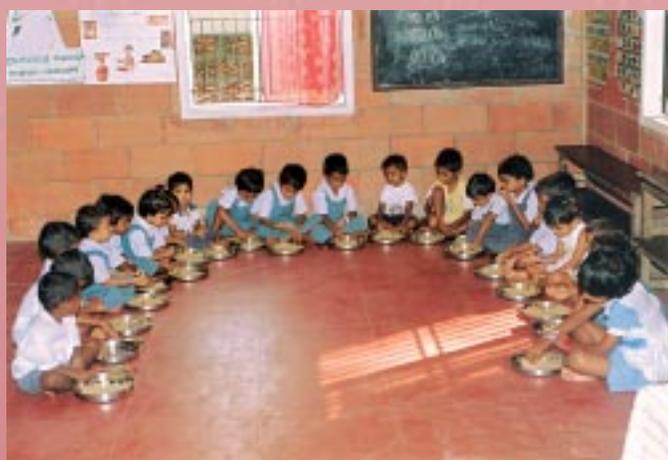
4-2-5 ij d iks'kkgkj ds vrxr cPpka dk dojst

4-2-5-1 cPps 1/4 ij d iks'kkgkj ds rgr 1/2 1/6 ekl l s 3 o"z

vud ve; ; uka l s irk pyr gšfd ij d iks'kkgkj ds fy, cPpka dk p; u l eškr jkT; @ l 2k 'kkfl r {ks= izkkl u

6 ekl l s 3 o"z ds cPps	ij; kstuk dk LFkku			
	xteh.k	tutkrh;	'kqjh	tkM+
yMds xñ ea dy	14705 (100.0)	4066 (100.0)	4050 (100.0)	22821 (100.0)
iathdr	8619 (58.6)	2713 (66.7)	2146 (53.4)	13496 (59.1)
ykHk iklr djusoky	6261 (72.6)	2199 (81.1)	1609 (74.4)	10069 (74.6)
yMfd; ka xñ ea dy	13828 (100.0)	3879 (100.0)	3838 (100.0)	21545 (100.0)
iathdr	7464 (54.0)	2401 (61.9)	2026 (52.8)	11891 (55.2)
ykHk iklr djusoky	6047 (81.0)	2017 (84.0)	1671 (82.5)	9735 (81.9)





ijh fLFkfr dks ns[kus ls irk pyrkd gS fd Li "Vr%yMekadk i at h d j .k 1/5-2 ifr'kr 1/2 yMfd; ka dh rgyuk ea v f e k d 1/5-1 ifr'kr 1/2 FkkA ; g fofHkUu {ks=ka dh xkeh.k} tutkrh; vksj 'kgjh & I ešdr cky fodkl I ok ifj; kstuk ds I a c a k ea Hkh I gh FkkA t g k a r d i j d i k s k k g k j d s y k H k i k l r d j u s d k I a c a k g s f L F k f r b l d s f o i j h r i k b z x b A d y feykdj] i j d i k s k k g k j d k y k H k i k l r d j u s o k y h y M f d ; k a d h i f r ' k r r k y M e k a d h r g y u k e & d y feykdj 75 ifr'kr & xkeh.k 1/7-6 ifr'kr 1/2 tutkrh; 1/8-1 ifr'kr 1/2 vksj 'kgjh 1/7-4-4 ifr'kr 1/2 dk Qh v f e k d F k h & d y feykdj 82 ifr'kr & xkeh.k 1/8-0 ifr'kr 1/2 tutkrh; 1/8-4-0 ifr'kr 1/2 vksj 'kgjh 1/8-2-5 ifr'kr 1/2 A

t g k a r d 6 e k l I s 3 o " k z r d d s c P p k a d k I a c a k g s i j d i k s k k g k j d h n f " V I s j k T ; & o k j f L F k f r I a y x u d 11 e a n ' k k b z x b z g a f = i j k v k s v # . k k p y i n s k j k T ; k a e a i k ; k x ; k f d y M e s v k s y M f d ; k n n k s u k a g h d s e k e y s e a 80 i f r ' k r I s v f e k d i a t h d r F k s r F k k m U g k a u s i j d i k s k k g k j d k y k H k m B k ; k A f = i j k d s e k e y s e i a t h d r y M e s v k s y M f d ; k a d h I a ; k O e ' k % 86 i f r ' k r v k s 81 i f r ' k r F k h j r F k k f t U g k a u s i j d i k s k k g k j d k y k H k m B k ; k j m u d h i f r ' k r r k O e ' k % 92 I s 96 F k h A b l h i z k j j v # . k k p y i n s k d s e k e y s e a i a t h d r y M e s v k s y M f d ; k a d h i f r ' k r r k O e ' k % 86 v k s 82 F k h j t c f d i j d i k s k k g k j d k y k H k m B k u s o k y k a d h i f r ' k r r k O e ' k % 97 v k s 89 F k h A b l t k u d k j h I s m R i U u , d v U ; # f p d j c k r ; g F k h f d d Q j j k T ; k a v k s I a k ' k k f l r { k s = k a e a 90 i f r ' k r I s v f e k d c P p k a u s y M e s v k s y M f d ; k n n k s u k a u s i j d i k s k k d k j d k y k H k m B k ; k A

; s j k T ; g % x k o k 1/0 e ' k % 94-0 i f r ' k r v k s 94-5 i f r ' k r 1/2 f g e k p y i n s k 1/0 e ' k % 94-4 i f r ' k r v k s 90-4 i f r ' k r 1/2 e f . k i j 1/0 e ' k % 90-8 i f r ' k r v k s 90-4 i f r ' k r 1/2 v k s p a M h x < + 1/0 e ' k % 96-9 i f r ' k r v k s 90-4 i f r ' k r 1/2 A

4-2-5-2 cPps 1/3 & 6 o"Kz

L d n y & i o z f ' k { k k i k l r d j u s o k y s c P p s H k h v k a u o k f M + k a e a i j d i k s k k g k j i k l r d j u s d s g d n k j g a b l u s v k a u o k f M + k a e a m i f L F k f r d k s c < k o k n s u s v k s I k F k g h b l v k ; & o x z I s I a c a k c P p k a d h d s y k j h v k o ' ; d r k v k a d k s i j k d j u s d s f y , H k h , d i j d d s : i e a d k e f d ; k A I k j . k h 4-9 e a f n , x , v k a d M s i j d i k s k k g k j d k y k H k m B k u s d h n f " V I s f o | e k u i d f u k i L r r d j r s g a b l r F ; d s c k o t m f d y M e k a d h r g y u k e a 1/5-1 i f r ' k r 1/2 v f e k d y M f d ; k a 1/5-7-8 i f r ' k r 1/2 i a t h d r c P p k a d h i f r ' k r r k & y M e s v k s y M f d ; k n n k s u k a g h J f . k ; k a e a & v f e k d F k h j ; | f i d y feykdj y k H k m B k u s o k y k a d h i f r ' k r r k 72 & 76 d s c h p d e & T ; k n k p y j g h F k h j f y a v f k o k i f j ; k s t u k d s { k s = i j e ; k u f n , c x s A

I k j . k h 4-9 % cPpka dks i j d i k s k k g k j 1/3 vksj 6 o"Kz ds chp 1/2

cPps 1/3 & 6 o"Kz	i j ; k s t u k v k a d k L F k k u			
	xkeh.k	tutkrh;	'kgjh	t k M +
yMds xln@okMZ ea d y I a ; k	17143 (100.0)	4598 (100.0)	4574 (100.0)	26315 (100.0)
vtaxuokfM+ ka ea i a t h d r	8311 (48.5)	2889 (62.8)	2255 (49.3)	13455 (51.1)
ykhk i k l r d j u s o k y s	6425 (77.3)	2078 (71.9)	1716 (76.1)	10219 (75.09)
yMfd; ka xln@okMZ ea d y I a ; k	15491 (100.0)	4294 (100.0)	4138 (100.0)	23923 (100.0)
vtaxuokfM+ ka ea i a t h d r	8545 (55.2)	2898 (67.5)	2385 (57.6)	13828 (57.8)
ykhk i k l r d j u s o k y h	6386 (74.7)	2187 (75.5)	1747 (73.2)	10320 (74.6)



4-2-6 ijd i k'kkgkj dh Lohdfr@ vLohdfr

I efd r cky fodkl I ok dk; Øe ds vaxr] LFkkuh; : i I smiyÇek [kk | I kexh I sr\$ kj enka ds I ææk ea i k'kkgkj vkgkj dsp; u ea dkQh f'kFkyrk dh 0; oLFkk gA I knk feJ.k r\$ kj djus ds fy, LFkkuh; eK\$ eh QI yka dk mi; kx fd; k x; k] ftI eavukt&nky dk feJ.k] vukt&nky] frygu vFkok vukt&nky xM+feJ.k bR; kfn I feefyr Fkka ml dk m'is; ; g Fkk fd [kk | ijdka dks vfedk fkd LFkkuh; : i I smiyÇek [kk | ij vkek fjr cuk, tkus dh t: jr g\$ bl ds vykok p\$uk tkus okyk [kk | #fpdj vK\$, d Hkksk fyd {ks= ds vni jgus okys cPpka vK\$ ekrkvka dks Lohdk; I lgt : i ea ink; d] fo'kSk : i I s; pk cPpka ds fy,] vK\$ i k'kkgkj rFkk de yxr okyk gkuk pfg, A Hkksu 1/4 [kk | I knk gkuk pfg, rFkk ml ea I akVdka dh I q; k U; ure gkuk pfg, A I o] cmh] eFkkjh] e#Ddq vK\$ I Ddj i kjs ds : i ea B [kkus ds fy, r\$ kj p I # ds fodkl dks Hkh Lohdkjk vK\$ i k'k kgf fd; k x; ka d'nd vka uokM+ ka ea bu enka dks r\$ kj djus ij I k'kkgkj vkek fjr ij utj j [kh xba f'k'ka@ Nk's cPpka ds ekeys e] ml h I kexh dh i kmMj ds : i ea vK\$ nek@ i kuh feyk dj yqnh cukbz xba rfeyukMq vK\$ djy ea cPpka dks v. Ms Hkh fn, tkr\$ FkA

4-2-6-1 ijd i k'kkgkj dh Lohdk; r'k & vka uokM+ dk; r'k/ka ds fopkj

vka uokM+ dk; r'k/ka us ykHk fKz; ka }kj k ijd i k'kkgkj dh Lohdk; r'k ds ckjs ea vi us er 0; Dr fd, A nl vka uokM+ dk; r'k/ka ea I s vKB 1/7-8 ifr'kr 1/2 us crk; k fd [kk | cPpka vK\$ ekrkvka dks i wkr; k Lohdk; Z Fkka mUgkaus ml s Hkyh&Hkkr r\$ kj fd; k] Lokfn"V ik; k rFkk ml [kkus ea vka uo fy; ka yxHkx 7 ifr'kr us inUk i k'k.k dh dsy d'N

enka dks Lohdk; Z ik; k(11 ifr'kr us inUk [kk | enka dks Lohdk; Z ugha ik; ka T; knkrj f'kd k; ra xkeh. k ifj; kst ukvka ea ykHk fKz; ka I s i klr gpa 1/3-5 ifr'kr 1/2 ml ds ckn 'kgjh ifj; kst ukvka I s 1/8-4 ifr'kr 1/2 vK\$ tutkrh; ifj; ktukvka 1/7-1 ifr'kr 1/2 i klr gpa 1/3-5 ifr'kr 1/2 ml ds ckn 'kgjh ifj; kst ukvka I s 1/8-4 ifr'kr 1/2 vK\$ tutkrh; ifj; kst ukvka 1/7-1 ifr'kr 1/2 I s i klr gpa vkgkj dh Lohdk; r'k tutkrh; ifj; kst ukvka I s vfedre 1/8-7 ifr'kr 1/2 Fkh] ml ds ckn xkeh. k 1/8-8 ifr'kr 1/2 vK\$ 'kgjh ifj; kst ukvka 1/6-7 ifr'kr 1/2 dk LFkku Fkka vLohdk; r'k dh I eL; k xkeh. k ifj; kst ukvka dh 13 ifr'kr vka uokM+ ka ds ekeys ea Fkh] ml ds ckn 'kgjh 1/8-3 ifr'kr 1/2 vK\$ tutkrh; ifj; kst ukvka 1/7-1 ifr'kr 1/2 dk LFkku Fkka

vka dMka ds jkT; &okj fo'y" k. k I s i r k pyk fd vka uokM+ dk; r'k/ka }kj k nh xbZ fj i k'Z ds vud kj ykHk fKz; ka dks vkgkj dh I Hkh ena fuEufyf [kr jkT; ka@ I ak 'kkl r {ks=ka ea Lohdk; Z Fkh% v#. kopy ins'k] fcgkj] xkok] fgekpy ins'k] tEew vK\$ d'ehj] ef. ki g] fetk] e] fl fDde] f=i g] vK\$ ikf. Mpj h] vUMeku vK\$ fudk] kj] pUMhx<} nknjk vK\$ uxj gosy o vU; I ak 'kkl r {ks=A 13 jkT; ka vK\$ pkj I ak 'kkl r {ks=ka ds vka uokM+ dk; r'k/ka us ijd i k'kkgkj dks i wkr; k Lohdk; Z ik; ka 16 jkT; ka@ I ak 'kkl r {ks=ka ds vka uokM+ dk; r'k/ka us crk; k fd Bds ij I lykz dh xba B [kkus ds fy, r\$ kj p vkgkj dh d'N enka dk I r'q"V Lrj de Fkka vka uokM+ dk; r'k/ka us crk; k fd fuEufyf [kr jkT; ka ea 75 ifr'kr I s de ykHk fKz; ka }kj k [kk | Lohdk; Z Fkka% jkT LFkku 1/67-9 ifr'kr 1/2 vl e 1/66-7 ifr'kr 1/2 mMh k 1/65-0 ifr'kr 1/2 gfj; k. kk 1/65-0 ifr'kr 1/2 eRky; 1/40-0 ifr'kr 1/2 mUk] kopy 1/40-0 ifr'kr 1/2 rFkk U; ure dh fj i k'Z mUk] ins'k I s i klr gpa ykHk fKz; ka }kj k crk, vud kj ijd i k'kkgkj ea nh xbZ [kk | kUu enka dh Lohdk; r'k dh jkT; okj fLFkr I ayXud 12 ea n'kkbz xbZ gA



4-2-6-2 i j d i k s k g k j d h v L o h d k ; r k d s d k j . k

v k a u o k m l a d k ; z r k z / k a u s y k h k k f f k z ; k a } k j k i j d i k s k g k j d h v L o h d k ; r k d s f o f h k l u d k j . k k a d s c k j s e a H k h c r k ; k A b l I a a k e a m u d s } k j k 0 ; D r f o p k j k a d k o . k z r k f y d k 4-10 e a f d ; k x ; k g a

I k j . k h 4-10 % i j d i k s k g k j d h v L o h d k ; r k d s I a a k e a d k j . k

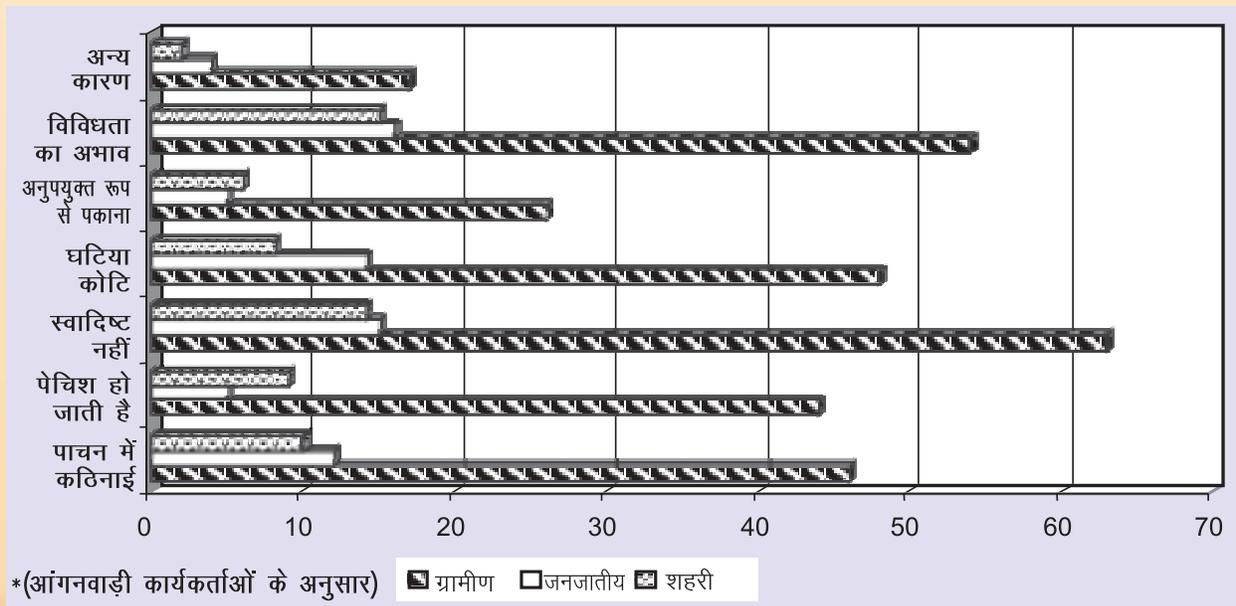
% c g & i f r f 0 ; k z

i k s k g k j d h v L o h d k ; r k d s d k j . k	i j ; k s t u k v k a d k L F k u			
	x k e h . k (%)	t u t k r h ; (%)	' k g j h (%)	t k m + (%)
i k p u e a d f B u k b z	46 (10.0)	12 (7.1)	10 (8.3)	68 (9.1)
i s p ' k g i s t k r h g s	44 (9.6)	5 (2.9)	9 (7.5)	58 (7.8)
L o k f n " V u g h a	63 (13.8)	15 (8.8)	14 (11.7)	92 (12.3)
? k f V ; k d k f V	48 (10.5)	14 (8.2)	8 (6.7)	17 (9.4)
v u q z q r : i l s i d k u k	26 (5.7)	5 (2.9)	6 (5.0)	37 (4.9)
f o f o e k r k d k v H k o	54 (11.8)	16 (9.4)	15 (12.5)	85 (11.4)
v l ; d k j . k	17 (3.7)	4 (2.4)	2 (1.7)	23 (3.1)

c k g j i f r ' k r y k h k k f f k z ; k a u s i k ; k f d v k g k j e n a L o k f n " V u g h a F k h a v l s b l f y , L o h d k ; z u g h a F k h A I k j . k h 4-10 I s ; g H k h i r k p y r k g s f d f n , t k u s o k y s [k k u s e a f o f o e k r k u g h a F k h A , d g h i a t h j h v F k o k , d s g h o L r q I H k h f n u i n k u d h x b z f t l s c P p k a v F k o k e k r k v k a } k j k i l a n u g h a f d ; k x ; k A b l d h o t g I s v k g k j e n a d h c j c k n h g p A d H k h & d H k h [k j k c e k s e v l s ? k f V ; k i s i d a c d h o t g I s H k h v k g k j c j c k n g k s x ; k A v o j k g h 0 e e a , d v l ; d k j . k I l y k b z d h t k u s o k y h [k k | e n a d h ? k f V ; k d k f V d k g k s u k F k k r F k k e k = k v l s x q k o U k k e a ? k f V ; k L r j d h c r k b z x b A v u d v k a u o k m l a d k ; z r k z / k a u s c r k ; k f d o s , d h ? k f V ; k L r j d h I l y k b z d k s L o h d k j d j u s d s f y , r s k j u g h a F k s f d l u r q m l g a m l s y a u s v l s m l d k m i ; k x d j u s d s f y , c k e ; f d ; k A b r u k g h e g l o i w k z d k j . k v k g k j d h v i k p d r k d k i z u F k k A v k a u o k m l a d k ; z r k z / k a u s c r k ; k f d c P p k a u s [k j k c g q [k k u s d h e n a [k k u s d s c k n i v e a n n z f e p y h d h o , d h g h v l ; f ' k d k ; r a d h A

f p = 4-6 e a j s k k f p = d s : i e a i j d i k s k g k j d h v L o h d k ; r k d s d k j . k n ' k k z x , g a

f p = 4-6 % i j d i k s k g k j d h v L o h d k ; r k d s d k j . k



4-2-6-3 rtkk i dk; k [kkuk

I ešdr cky fodkl I ok dk; De ea bl ckr dks Hkh Lohdkjk x; k fd xHkZrh vKš ufl ž ekrvka dks vKš I kFk gh diq kš"kr cPpka dks Hkh fo'kšk [kkuk fn, tkus dh t: jr gš tks muds ifjokjka dks I ka dfrd vKš eukoKkfud : i I s Lohdk; Z gka rhu o"z I s de vk; qds cPpka ds ekeys ea 1/4 k' kq@NkV/s cPpš ml h en dks i kmMj ds : i ea ml ea i kuh vFkok nkk feyk dj gyok vKš yxnh ds : i ea cuk; k tkuk pKfg, A , d i zu i Nk x; k BD; k vki rtkk rš kj fd; k x; k [kkuk ijkl jgs gšp dy feyk dj] nkš frgkbz vka uokMh dk; Zdrkz/ka 1/67-1 ifr'kr 1/2 us mÜkj Bgk ea fn; ka tutkrh; vKš xkeh.k ifj; kstuvka I s 69 ifr'kr vka uokMh dk; Zdrkz/ka ds ekeys ea mÜkj Bgk ea i klr gg] ml ds ckn 'kgjh ifj; kstuvka dk LFkku 1/57 ifr'kr 1/2 Fkka mlgkaus; g Hkh crk; k fd rtkk rš kj dh xba [kk| enka eaf[kpMh] i ka y@bMyh] nfy; k] puk] i yko@gyok@ikgk] gjk pnk vkfn I feefyr Fkka I kj.kh 4-11 ea ifj; kstuvka ds LFkku dh n"V I s cPpka vKš ekrvka dks inku dh tkus okyh rtkk i dkbz xbz enka dh fofoekrk dk mYys[k fd; k x; k gš

I kj.kh 4-11 I s irk pyrk gšfd vka uokMh ka eaf[kpMh 1/40-4 ifr'kr 1/2 rtkts: i ea rš kj dh tkrh

I kj.kh 4-11 %vka uokMh dks i eni nkk rtkk i dkbz, [kk| enka eaf[kpMh] k=748 1/2 %cgš mÜkj 1/2

i nÜk [kk dh fdLe	ifj; kstuvka dk LFkku			
	xte (%)	tutkrh; (%)	'kgjh (%)	tkm+ (%)
f[kpMh	188 (41.0)	67 (39.4)	47 (39.2)	302 (40.4)
i ka y	56 (12.2)	8 (4.7)	16 (13.3)	80 (10.7)
nfy; k	95 (20.7)	30 (17.6)	22 (18.3)	147 (19.7)
puk	137 (29.9)	46 (27.1)	14 (11.7)	197 (26.3)
i yto@gyok@ i k gk	73 (15.9)	21 (12.4)	16 (13.3)	110 (14.7)
gjk puk 1/2	128 (27.9)	41 (24.1)	31 (25.8)	20 (26.7)
vÜ; en 1/2	148 (32.3)	49 (28.8)	36 (30.0)	233 (31.1)

Fkh] ml ds ckn gjs pus vKš pus dk LFkku 1/27 ifr'kr 1/2 Fkka i kp vka uokMh ka ea I s , d ea ekrvka vKš cPpka dks nfy; k i dkdj forfjr fd; k x; ka nf{k.k Hkkjr ea vka uokMh ka ea i ka y inku fd; k x; k] egkj k"V] xqtjkr vKš jkt LFkku ea gyos@ i kgs dh i Fkk i kbz xba inku fd, x, [kk| dh vÜ; Jš.k; ka ea jkš/h] pkoy vKš nky] ij h Hkkth vkfn I feefyr Fkka ; g Hkh mYys[kuh; gšfd 748 vka uokMh dšntka eal s376 dks bžku i Hkkj dh vnk; xh vka uokMh dk; Zdrkz/ka dks i ka ekr jkt; I jdkj }kj k dh xbz tks eks/s rKš ij 50 ifr'kr cBrh gš crk; k x; k gšfd 161 vÜ; vka uokMh dk; Zdrkz/ka dks vFkz eks/s rKš ij 22 ifr'kr dks ; g jk'k i klr ugha gš Fkka 210 vka uokMh ka 1/2 xHkx 28 ifr'kr 1/2 us dšy B[kkus ds fy, rš kjp [kk| I lykbz fd; k] bl fy, muds fy, ; g ckr i k l šxd Fkka ftu jkt; ka us bžku i Hkkj ka dh vnk; xh dh vKš dšy i dk gšp [kkuk ijkl k] os Fkš fcgkj] NÜkhl x< } xkok] fgekpy ins k] eškk;] i kšmpj h] f=i jk vKš if'pe caky rFkk vMeku fudkš kj } hi I en] nknjk vKš uxj gosy vKš neu o nho I žk 'kkf l r {k=A

4-2-7 fodkl of) ekuVfjx & fu"i knu dk vkdyu vKš i šk vkbz I eL; k, a

4-2-7-1 fodkl of) ekuVfjx & vka uokMh dk; Zdrkz/ka }kj k fu"i knu dk vkdyu

uotkr cPpka dk ote djuš vKš I ešdr cky fodkl I ok mik; dšek; e I s mudh mÜkj thfork] fodkl , oa of) I quf'pr djuš ij fo'kšk cy fn; k x; k gš bu cPpka dh nš kHkky vKš xEHkjh : i I s diq kš"kr cPpka dh t: jra ij h djuš ij Hkh] cky fodkl ifj; kstuvka vfedk f; k vKš i kFkfed LokLF; dšntka@ I kepkf; d LokLF; dšntka ds ešMdy vfedk f; k; ka }kj k I rr



of) dh
ekuhVfjæ



: i l sfuxjkuh j [kh tkrh gS vks e; ku fn; k tkrk gA ftyk vks jkT; Lrjh; vfeckfj; ka us Hkh , d s cPpka dh cgrj i ksk. k vks LokLF; nqkHkky l fuf' pr djus dh 0; oLFkk dhA l oqk. k ds nks ku uotkr cPpka dk otu djus ds ckjs ea tkudkj , d= dh xbA i k; k x; k fd vkauokMh dk; Zdrkzka us 63-5 ifr'kr uotkr cPpka dk otu fd; k rFkk ekrvka us uotkr cPpka dks rkyus l s tM+ ykNu ds ckotm] bl dke ea l g; kx fn; ka 'kgjh ifj; kst ukvka ds 167-5 ifr'kr vkauokMh dk; Zdrkz 164-0 ifr'kr Hkh uotkr dk otu djus ea l Qy jg tcf 159-4 ifr'kr tutkrh; vkauokMh dk; Zdrkz ekrvka dks Hkj k k fnykus ea dke; kc jgs vks mlgkaus uotkr dk otu fd; ka

bl fo"K; ea tkjh ekxZunz kka ds vuq kj] cPpka dk otu djus ds ckjs ea Hkh vkauokMh, d= fd, x, A vkauokMh dk; Zdrkzka us crk; k fd 3 o"K l s de vk; q ds cPpka dk , d ekl ea, d ckj otu fd; k tkuk Fkk rFkk 3&5 o"K ds vk; qoxZ ds cPpka dk frekgh vkekj ij otu fd; k tkuk viqkr Fkka c; kl h ifr'kr vkauokMh dk; Zdrkzka us bl ekxZunz k dk ikyu fd; k vks 3 o"K l s de cPpka dk ekl ea , d ckj otu fd; ka rFkfi] 3&5 o"K ds vk; qoxZ ea cPpka dk otu djus dh fLFkr dQ cgrj Fkh] D; kfd vfeckk vkauokMh dk; Zdrkz 183-3 ifr'kr , d k djus ea l efkz Fkka vkauokMh dk LFkkuk&okj fo'ySk. k djus l s irk pyk fd 'kgjh ifj; kst ukvka ds 92 ifr'kr vkauokMh dk; Zdrkzka us rhu o"K l s de vk; q ds cPpka dk otu fd; k] tcf 3&6 o"K ds cPpka ds ekeys ea ; g l q; k 89 ifr'kr Fkha xkeh. k ifj; kst ukvka e] 84 ifr'kr vkauokMh dk; Zdrkzka us 3 l s 6 o"K ds vk; qoxZ ds chp ds cPpka dk otu fd; k] tks 3 o"K l s de ds ykHkFkz, ka ds l ak ea rgyukRed : i l s de 180-3 ifr'kr Fkha nqk x; k fd ek=kRed vks xqkkRed] nkuka gh n"V l scPpka ds

ekey ea rkyu if0; k l rksktud < x l s dk; Z dj jgh Fkha

I kj. kh 4-12 l s; g i; kZr : i l s Li"V gSfd rkyus vks lykVax dh ijh ftEenkhj vkauokMh dk; Zdrkzka 185-8 ifr'kr dh Fkha i; bskdka us vkauokMh dlnz dk nks k djus okysfnu xEHkhj : i l s di k"kr cPpka vks uotkr ds fodkl dk ekMhVju djus ea l gk; rk inku dhA l gk; d ul Z feMokbQ@efgyk LokLF; fofTVj us Hkh vkauokMh dlnz ea viuh mi fLFkr ds nks ku vFkok i kFked

I kj. kh 4-12 %fodkl pKZ dk Hkj tkuk 1/4 q; k=748%

1/3 g& mUkj 1/2

fodkl pKZ fuEu }kj k Hkj x; k	ifj; kst ukvka dk LFkk			
	xkeh. k (%)	tutkrh; (%)	'kgjh (%)	tM+ (%)
vkauokMh dk; Zdrkzka	390 (85.2)	140 (82.4)	110 (93.2)	642 (85.8)
i; bskdka	42 (9.2)	8 (4.7)	15 (12.5)	65 (8.7)
, , u, e@, y, poh	13 (2.8)	5 (2.9)	4 (3.3)	22 (2.9)
vU;	14 (3.1)	11 (6.5)	1 (0.8)	26 (3.4)

LokLF; dlnz@mi & dlnz ea cPpka mi ycek gkaus ds l e; l gk; rk inku dhA ; g Hkh nqk x; k fd l gk; d ul Z feMokbQ vkauokMh dk; Zdrkzka dh vfeckd enn djrh Fkh c'kr fd os ml xk ea Bgj tgamudsmi & dlnz fLFkr gA otu djus vks lykV djus dk dke vU; 0; fDr; ka }kj k Hkh fd; k x; k] ftuea Ldny ve; ki d] efgyk e. My dh l nL;] fd'kkg yMfd; ka vkfn l feefyr gA

cky fpfdRI k foHkx] vk; qoZku l LFkk] cukj l fglunw fo' ofo | ky; }kj k xkeh. k okj. kl h ea ekr i kskkgj vks uotkr ds tle Hkj ij l efdR cky fodkl l ok dk; Ze ds i Hkko dk vkdyu djus ds fy, , d ve; ; u vk; kstr fd; k x; ka ; g i k; k x; k fd xHkzLFkk ds nks ku efgykva dk yxHkx 6-3&7-4 fdykske otu c<ka l efdR cky fodkl l ok Cykkl eaftu efgykva dks ij d vkgj inku fd; k



x; k] mudsuotr cPpka dk tlej mu efgykvka ds cPpkadh rgyuk ea ftluga ijd vkgkj inku ughafd; k x; k Fkk] 58 xte vfekd Fkk 1/2 k"Vh; tu l g; kx , oa cky fodkl I LFku% 2005% i"B 94&95% A

4-2-7-2 fodkl ekuhVfjx eal eL; k, a& vkauokMh dk; Zrkz/ka dks i s k vkusokyh

fodkl ekuhVfjx dh I Qyrk ml I hek ij fuHkj djrH gSftI I hek rd ijke'kz l gk; d] rgyk] fodkl pkVZ vkfn vkauokMh+ kaemi ycek gA vkauokMh dk; Zrkz/ka dks i f' k{k.k l s Hkh u dny otu djus vksj lykV djus ea enn feyh cFYd ekrkvka dks ijke'kz nus ea Hkh enn feyhA ; g dk; Z vk; kstr djus ea vkauokMh dk; Zrkz/ka }kjk l eL; kvka dk mYys[k fd; k x; ka 748 vkauokMh dlnka eal snl ea l s , d l s dN vfekd 1/4-1 ifr'kr 1/2 ea fodkl pkVZ ugha Fks rFkk 4 ifr'kr vkauokMh dlnka eal rgykvka dk vHkko FkA vkauokMh dk; Zrkz/ka }kjk crk, x, vU; dkj. kka eal rgykvkadh ejEer fd; k tkuk 1/3-3 ifr'kr 1/2 rFkk l e; kHkko 1/2-4 ifr'kr 1/2 l feefyr FkA ; | fi 5 ifr'kr ekrk&firk vi us cPpka dk otu djkus ea l g; kx ugha nrs Fk] vkauokMh dk; Zrkz Hkh 1/3-2 ifr'kr 1/2 fodkl pkVZ Hkjus ea l eFkz ugha FkA ux.; ifr'kr 1/4-9 ifr'kr 1/2 ea vkauokMh dk; Zrkz cPpka dk otu djus ea i; klr : i l s n{k ugha FkA 'kgjh ij; kst ukvka ds vkauokMh dk; Zrkz/ka dks bu l pnc) l eL; kvka dfBukb; ka dk l keuk ugha djuk iMkA tutkrh; vksj xteh.k ij; kst ukvka ds 17 ifr'kr vkauokMh dk; Zrkz/ka us fodkl pkVZ dh vuy ycek crkb] ml ds ckn xteh.k ij; kst ukvka dk LFku 1/10-5 ifr'kr 1/2 FkA tutkrh; ij; kst ukvka ds 12 ifr'kr l s dN vfekd vkauokMh dk; Zrkz/ka ds ikl rgyk Hkh ekSt in ugha FkA ikp tutkrh; vkauokMh dk; Zrkz/ka ea l s , d us crk; k fd cPpka dk otu djkus ea ekrk&firk Hkh l g; kx ugha nrs Fk rFkk xteh.k vksj 'kgjh ij; kst ukvka eal LFkr 1/13-3 ifr'kr 1/2 yxHkx l eku FkA

foVfkeu , vksj yk] U; wark] nkuks ds l cak ea jksxfujkeku dk; Zeka us xj&l efdr cky fodkl l ok {ks=ka dh rgyuk ea l efdr cky fodkl l ok {ks=ka ea efgykvka vksj cPpka dk cgrj dojst n'kz ka yxHkx 36-3 ifr'kr vkauokMh dk; Zrkz cPpka ds fodkl dk ekhVju djus ea l eFkz ugha FkA bl ds fuEufyf[kr dkj.k crk, x, % fodkl pkVka dh vuy ycek] fodkl pkVZ Hkjus ea n{krkvka dk vHkko] rgykvka dh vuy ycek vFkok mudk pkywLFkr ea u gksuk vkfnA ifrj{k.k ds fy, cPpka dk dojst] xj&l efdr cky fodkl l ok {ks=ka dh rgyuk ea l efdr cky fodkl l ok {ks=ka ea vfekd ik; k x; k 1/2 k"Vh; tu l g; kx , oa cky fodkl I LFku% 992% A

4-2-7-3 ekrkvka dks i jke'kz nuk

otu djus dk mis; Btkf[ke ds rgrb t: jrem cPpkadh ixfr vk'oLr djuk gA l gk; d ul l feMokbQ vksj MkDVjka us Hkh fo'kSk e; ku fn; k rFkk jksxgj vkgkj mi ycek dj; ka cPpka dks dHkh&dHkh vLirky ealHkrhZ djus dh t: jr gkrh FkA vkauokMh dk; Zrkz/ka l s otu djus ds ij. kke vksj LokLF; LVkQ dh l yk ds vkekj ij vuorhZ dkj bkbZ djus dh vi s k dh tkrh gA l kj. kh 4-13 ea cPps dk otu djus ds ckn vkauokMh dk; Zrkz/ka }kjk fuHkkoZ tkus okyh Hkfiedk dk mYys[k fd; k x; k gA

rkydk 4-13 eafn, x, vkadMk l s irk pyr k gS fd cjkj ifr'kr ea 1/84-1 ifr'kr 1/2 vkauokMh

Hkfiedk 1/2 vkauokMh dk; Zrkz dk dFku 1/4 ; k=748 1/2

1/2 cgy&mUkj 1/2

i f0; kvka dh Jskh	i fj; kst ukvka dk LFku			
	xteh.k (%)	tutkrh; (%)	'kgjh (%)	tkM+ (%)
otu djus ds ckj sea ekrkvka dks crkuk	379 (82.8)	141 (82.9)	109 (90.8)	629 (84.1)
vkauokMh+ kaemi ijd i kskgkj dh [ki r l iuf'pr djuk	281 (61.4)	97 (57.1)	77 (64.2)	455 (60.8)
ekrk&firk cPpka ds i; kst ukvka ds ckj sea l yk nuk	374 (81.7)	139 (81.8)	115 (95.8)	628 (84.0)
fu; fer LokLF; tkp	298 (65.1)	109 (64.1)	79 (65.8)	486 (65.0)
vU;	65 (14.2)	22 (12.9)	16 (13.2)	103 (13.8)



Ldy&i wZ f'k{k xrfof/k; ka dh dN >yfd; ka



dk; ɔrkrz/ka us ekrkvka dks otɛu djus ds i fj .kkka ds ckjs ea vksj cPps ds LokLF; vksj i kskkgkj ij i Mɛs okys i Hkko ds ckjs ea ekrkvka dks crk; k vksj mlga; g Hkh I ykg nh fd cPpka dks fo' ksk : i I s xBkhj : i I s dɔq ks"kr cPpka dks vFkok ftu cPpka dk otɛu fodkl pkVZ ij nh xbZ I keku; j[kk I s de Fkk] f[kykr sjgus dh Hkh I ykg nhA bl ds vykok] 65 i fr'kr vka uokMh dk; ɔrkrz/ka }kjk , d scPpka dh LokLF; tkp ij fo' ksk cy fn; k x; kA vka uokMh dk; ɔrkrz/ka %60-8 i fr'kr 1/2 us vka uokMh ka ea cPpka dks [kkuk f[ykus dh Hkh 0; oLFkk dh ftI I s fd [kkuk mlgha cPpka }kjk [kk; k tk, ftuds fy, vHkh"V Fkk vksj ml s ?kj ij vU; cPpka ds I kFk u ckz/k tk, A

4-3 Ldny&i wZ cPpka dk fodkl

ekuo I d keku fodkl dk eW; ; pk cPpka ds fy, , d I eFkZudkj i fjošk dk; e djus ea gS rkd os LoLFk vksj mRiknd i kS+ ds : i ea fodfl r gks I dA cPpka dks I ešdr cky fodkl I ɔk dk; ɔe ea i kFkfedrki wZ , ts Ms ea j [kdj I ešdr cky fodkl I ɔk dk; ɔe ds ekè; e I s bl fn'kk ea iz kl 'kq fd, x, gA

4-3-1 Ldny&i wZ f'k{kk

I ešdr cky fodkl I ɔk dk; ɔe ds varxZ Ldny&i wZ f'k{kk dh i fjdYi uk cPpka ds fy, , d vfuok; Z?kVd ds : i ea dh xbZ gS tks vksj pkfjd f'k{kk i) fr ds i ɔšk }kj ij gA Ldny&i wZ f'k{kk dsegūo dks I oE Lohdkj tkrk gS D; kfd ; g mu cPpka dh vko' ; drk dh i firZ djrh gS tks vi us thou ds bl pj .k ea I okZekd egūoi wZ f'k{kk i fØ; k I s xqtjrs gA bl ds vykok] ekrk&fi rk ds chp Ldny&i wZ o"kz %<kbZ I s N% o"kz ds vr; r egūo

ds ckjs ea tkrk c<+jgh gS D; kfd cPps ds 0; fDrRo dk vfedre fodkl blgha o"kkā ea gkrk gA Ldny&i wZ f'k{kk dh t: jr I ka dfrd vksj I ektkFkd I foèkki klr i fjoška ds cPpka ds ekeys ea I okZekd egūoi wZ I e>h tkrh gA Ldny&i wZ f'k{kk dh dk; ɔe I kexh [ky xrforefek; ka ds bn&fxnz dšInr jgrh gA Ldny&i wZ f'k{kk xrforefek; ka ds I ɔak ea orèku vè; ; u ds vka dM+ cPpka ds dojst] vka uokMh dk; ɔrkrz/ka }kjk v; k; ftr Ldny&i wZ f'k{kk dk; ɔyki ka dh fdLeka o vU; I Ec) igyqka I s I ɔfèkr FkA

rkydk 4-14 I sir k pyr k gS fd vka uokMh ka ea rhu ekl dh vofek ds vñj vksj ru 37 cPps Ldny&i wZ f'k{kk ds fy, i at hdr gqA bl I sir k pyr k gS fd vka uokMh dk; ɔrkrz/ka us ošpr oxkā ds cPpka dks vka uokMh dšinka rd ykus ds fy, Bkl iz kl fd, Fks ftul s fd os i kskkgkj vksj LokLF; I ɔkvka dk Hkh ykHk mBk I dA dgy feyk d j] i at hdr 75 i fr'kr cPps vka uokMh I s vk, A

I kj .kh 4-14 % foxr rhu ekl ds vñj Ldny&i wZ f'k{kk ds rgr cPpka ds dojst ¼ u=748½

mūkj nkrkvka dh Jskh	i fj ; kst ukvka dk LFkk			
	xteh.k (%)	tutkrh; (%)	'kgjh (%)	tkM+ (%)
vka uokMh dšinka dh dgy I ɔ; k	458	170	120	748
fj i kZ/djus oky ka dh dgy I ɔ; k	445	169	118	732
i at hdr cPpka dh vki r I ɔ; k	38	34	39	37
vka uokMh dšinka ea vkus okys cPpka dh vki r I ɔ; k	29	25	29	28
vka uokMh dšinka ea vkus okys cPpka dh i fr'kr	75.8	73.5	74.7	75.1

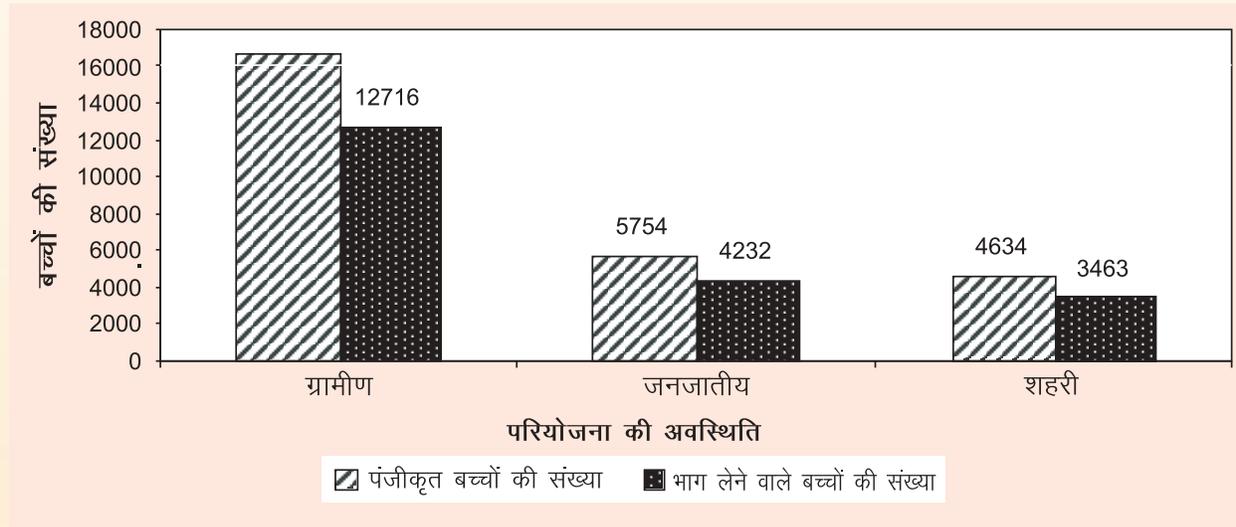
fp= 4-7 ea Ldny&i wZ xrforefek; ka ea Hkx yas okys cPpka vksj i at hdr cPpka dh rgyukRed flLFkr n' kkbZ xbZ gA



വകുപ്പിന്റെ പേര് ക്കു; ഞ്ഞു; ക



fp= 4-7 % vkxuokMh dlnz ea ia thdr vks Hkx yus okys cPps fuji sk I ; k



vkxuokMh ka ea ia thdr vks nfk [ky cPpka dh i fj; kst ukvka ds LFku ds vuq kj] fuji sk I ; k ds I ek ea Hkh vkadMs, d= fd, x, Fk ftUga I kj.kh 4-15 ea iLr fd; k x; k gA

mUk insk ds bygkckn ftys ds tI jk I efd r cky fodkl I ok cykkl ds 13 vkxuokMh dlnz ka dk , d ve; ; u fd; k x; k Fk ftI l s irk pyk fd I efd r cky fodkl ykHkKFkz ka dh Ldny tkusokyka

I kj.kh 4-5 % vkxuokMh ka ea Ldny&i wZ f'k{kk ds fy, ia thdr vks Hkx yus okys cPps fuji sk I ; k; k=732%

i fj; kst uk dk LFku	ia thdr cPpka dh I ; k			Hkx yus okys cPpka dh I ; k		
	yMds	yMfd; ka	tkM+	yMds	yMfd; ka	tkM+
xteh.k	8267	8509	16776	6366	6350	12716
tutkrh;	2871	2883	5754	2061	2171	4232
'kgjh	2255	2379	4634	1716	1747	3463
tkM+	13393	13771	27164	10143	10268	20411

dh nj xj& ykHkKFkz ka dh rgyuk ea dQn vfed FkA xj&ykHkKFkz ka dh rgyuk ea ykHkKFkz ka dh Ldny chp ea NkM+ nsus okyka dh nj dkOh vfed i kbZ xba bl dk dkj.k ; g gSfd os xjhc ij fokj ka l s Fksvks i jskkuh dsl e; ifjokj dh enn djus ds okLrs Ldny

I kj.kh 4-15 ea fn, x, vkadMka l s irk pyrk gSfd vkxuokMh dlnz ka ea nfk [ky vks Hkx yus okys cPpka dh I ; k yxHkx I eku FkA rFkfi] mi LFkr ds vkadMka ea fojkskHkkl nfk tk I drk gSftI l s irk pyrk gSfd vkxuokMh dlnz ka ea ykHk iLr djus okys yMedka dh rgyuk ea yMfd; ka dh I ; k vfed FkA , d h I Hkkouk gks l drh gSfd yMedka dkj fo'kSk : i l s 'kgjh {ks=ka vks dLka ea Ldny&i wZ f'k{kk ds fy, futh Ldnyka ea Hkstk tkuk i l n fd; k tkrk gA

chp ea NkM+ nrs FkA ykHkKFkz ka dh rgyuk ea xj&ykHkKFkz ka dk 'kS{k d fu"i knu vl rksk tud i k; k x; kA bl dk dkj.k ; g gSfd cPpka dh ve; ; u ea #fp ugha Fk vks cPpka us ve; ; uka dks l xr ugha i k; k 'Vh; tu l g; sx , oa cky fodkl I LFku% 2004% i "B 87%

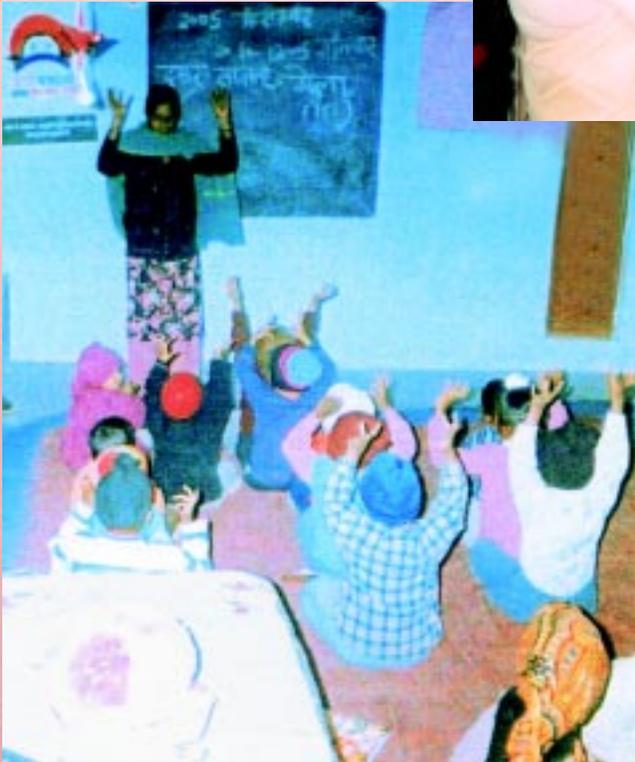
4-3-2 Ldny&i wZ f'k{kk xrforefek; ka

cPpka vks ekrvka ij I efd r cky fodkl dk; De dsnh?kkbfekd i Hkkoka dk irk yxkus ds fy,

Ldny&i wZ f'k{kk xrforefek; ka dk mIs ; ; g gS fd bu xrforefek; ka ea Hkx yus okys cPpka dks xj&vks pkfjd [ksy xrforefek; ka ds tfj, %vks pkfjd



vkxuokMh dñnz ea
i kfkZuk



Ldny&i wZ f'k{k
xfrfofek; ka i xfr ij



vè; ; u if0; k ea 'kkfey gq cxš½ cks) d ij .kk inku djdsokNuh; vfhkof0k; kafodfl r djdsenn dh tk, A rFkfi] I ešdr cky fodkl I ok dk; Đrka/ka ds vutko I sirk pyk fd ekrk&firk dh jk; , d h ugha FkhA crk; k x; k fd ekrk&firk vi us cPpka ds fy, vks pkfjd f'k{kk if0; k ij cy nrsFka Ldny&iwz f'k{kk xrforefek; ka ds I aak ea ekrk&firk dh bl jk; ea I akkj djus ds fy, vka uokMh dk; Đrka/ka vks ifj; kstuk LVkQ }kjk dBlj iz kl fd, tk jgs gA bl ckr dksn[srsgq] pkj o"iz dh vk; qI svfekd ds cPpka ds fy, vka uokMh dĐnka ea vks pkfjd f'k{kk ds dQ r0o ikjEHk fd, x, gA Ldny&iwz f'k{kk ds I aak eavka uokMh dk; Đrka/ka }kjk vk; kštr xrforefek; ka I kj .kh 4-16 ea n'kkbz xbz gA

I kj .kh 4-16 I sirk pyr k gšfd yxHkx I Hkh vka uokMh dĐnka ea cPps xhr xkrs Fks 105-1 ifr'kr 1/4 d gkuh I qkuk vks x .kuk djuk nks vl; dk; Đyki

I kj .kh 4-16 % vka uokMh dk; Đrka/ka }kjk vk; kštr Ldny&iwz f'k{kk xrforefek; ka 1/4 a; k=748%
1/2cg&i f0; k/2

vk; kštr xrforefek; ka dh fdLe	ifj; kstukvka dk LFkku			
	xkeh.k (%)	tutkrh; (%)	'kgjh (%)	tkm+ (%)
[kydj ckrphr	335 (73.1)	124 (72.9)	100 (83.3)	559 (74.7)
d gkuh I qkuk	415 (90.6)	155 (91.2)	116 (96.7)	686 (91.7)
xhr	430 (93.9)	166 (97.6)	115 (95.8)	711 (95.1)
x .kuk djuk	410 (89.5)	157 (92.4)	116 (96.7)	683 (91.3)
Mkbax@i sVax@epzk	193 (42.1)	81 (47.6)	55 (45.8)	329 (44.4)
ckg; [ky	328 (71.6)	117 (68.8)	81 (67.5)	526 (70.3)
FkšMax	70 (15.3)	41 (24.1)	21 (17.5)	132 (17.6)
jax feykuk	286 (62.4)	113 (66.5)	82 (68.3)	481 (64.3)
varjax [ky	364 (79.5)	124 (72.9)	93 (77.5)	581 (77.7)
vl;	82 (17.9)	29 (17.1)	23 (19.2)	134 (17.9)

Fkš tks91 ifr'kr vka uokMh dk; Đrka/ka }kjk vk; kštr fd, tkršFka ; | fi 78 ifr'kr vka uokMh dk; Đrka/ka us cPpka }kjk varjax xrforefek; ka ea Hkx yus ds cjkj sea crk; k rFkfi] muea I srhu&pkškkbz 1/4-7 ifr'kr 1/2 us cPpka dks LoPNrki wĐ ckrphr djus vks vi uh cf) dk bLrky Nks&eks/sdk; Đyki vk; kštr djus ds fy, Hkh mRI kgr fd; ka 70 ifr'kr vka uokMh dĐnka us ckg; [kyka dk vk; kst u fd; ka I kj .kh I s; g Hkh Li "V gšfd fp=dkjh] epzk] Mkbax] FkšMax] vks jax feykuk m0ke 'kkjhfd I eu0; vks fodkl I s I Ec) Fk rFk I kFk gh HkkoukRed vks cks) d fodkl I aak xrforefek; ka ij Hkh p0uank vka uokMh dĐnka ea dQ I hek rd è; ku fn; k x; ka cPpka ds fy, ckg; [kyka ds okLrs [kyk LFkku , d xEHkj I eL; k Fkh] bl fy, ; g d0y 70 ifr'kr vka uokMh; ka rd gh I fer jgA xkeh.k] tutkrh; vks 'kgjh {ks=ka ea vk; kštr xrforefek; ka ea vl; y?kq varj I Hkor% vka uokMh dk; Đrka/ka dh 'kkjhfd {kerk] I 0eekvka vks dks kyka dh vi ; kšrrvka ds dkj .k FkA xš&nškt [ky mi Ldjka ij fuHk} jgus dh i0f0k nškh xbz ftl s de I sde djus dh t: jr gA LFkkuh; I a k0kuka I s I kexh rš kj djus ea I akkj djus dk cy fn, tkus dh t: jr gšrkfd bl I ok ?kVd ea I akkj gks I dA ckyw jr] feēh] i f0k; k0 i kuh] Vgfu; k0 jr ds Vhyk0 dkc0 ofr0k] eudka vkfn tš h I kexh ds vfedre mi ; ks dh I Hkkoukvka dk irk yxk, tkus dh t: jr gš tks I Lrh vks ykdfiz i kbz xbz gA vke0udre f[kykška dksR; kxus dh t: jr gš D; k0d vka uokMh dĐnka ds I a k0ku cgr I hfer gA I kj .kh 4-16 ea BvU; k0 ds varx0 I fp= i 0rdka vks f[kykška yk0 x0M; k0 I ep0; cjkknk] >nyk0 NYys vkfn I f0efyr gA



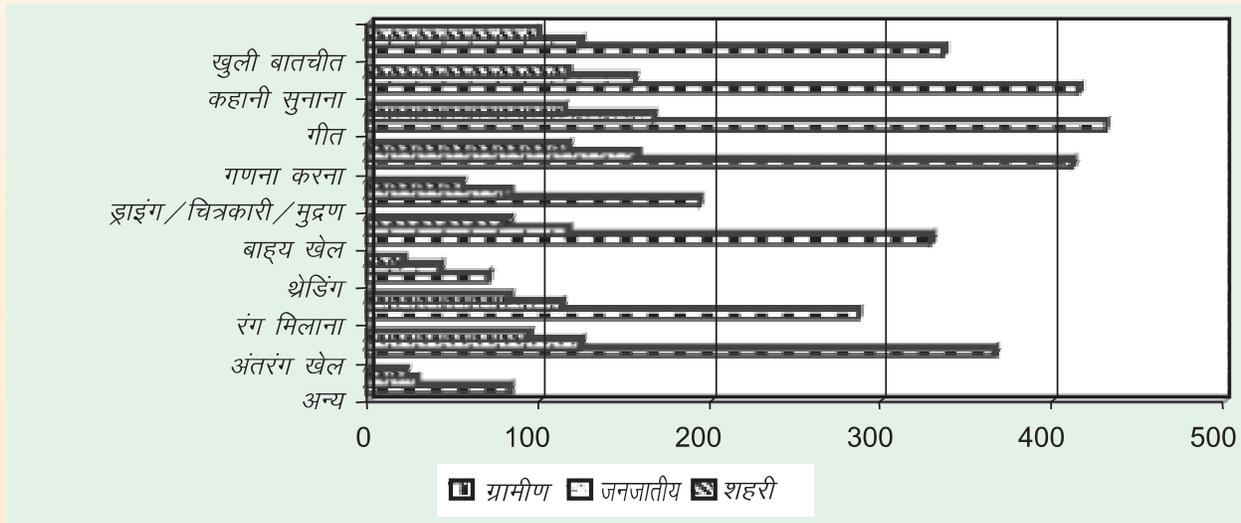
ckv vè; ; u n{krk ijh{k.k ¼ h ,y I h Vh½ dk;Z



vkauokMh dntka ea vk; kštr dh tkus okyh xfrfof/k; ka fp= 4-8 ea n'kkbz xbz gA

tk, A 6 o"kl s de vk; qds cPpka vks 15&45 o"kl ds vkq &oxZ dh efgyvkka ij Hkh bl I cak eafo'kšk è; ku fn, tkus dh t: jr gA

fp= 4-8 % vkauokMh dntka ea vk; kštr Ldny&iwZ f'k{k xfrfofek; ka



4-4 Vhdkj .k

cPpka ds LokLF; ea l qkkj djuk mipkjkrEd mik; ka dh ctk, jksdFkke mik; ij T; knk T; knk fuHkZ djr k gA fuEufyf[kr i jkxkQka e ekrvka vks cPpka dh cfu; knh LokLF; t: jrka dks ijk djus ds fy, fo|eku ifjekh; LokLF; i) fr ds egüoiwZ i gypka dk mYys[k fd; k x; k gA

4-4-1 Vhdkj .k dh fLFkr

ekr vks cky LokLF; ds I cak ea fo|eku Hkkjrh; fLFkr] xkeh.k vks tutkrh; xjhcka ds fy, LokLF; I foekvka dh vi; krrrvka dks ifjyf[kr djr gA ekrvka dh i k fied LokLF; t: jrkae; g vlrufgr gsfid iR; d xHkbrh vks ufl ik ekrrk dk LokLF; vPNk jgS og cky ns[k&jS[k djuk I h[k] ml dk id o l keku; gkS LoLFk cPpka dks tle ns rFkk iR; d cPpk thfor i šnk gks vks i kfjokfjd bdkbz ea l; kj vks I g{k ds I kfk ml dk fodkl gkS okrkj.k LoPN gkS ml si; klr i kškgkj i klr gkS LokLF; i; dšk.k vks dky pfdRI h; è; ku fn; k tk, rFkk , d LoLFk thou fcrkuk fl [kk; k

; |fi fVvul vks i ksy; ks ds fo#) cPpka ds ifrj{k.k ij è; ku fn; k x; k gS rFkfi nHkX; o'k xkeh.k vks 'kgjh {ks=ka ds chp LokLF; ns[k&jS[k I okvka ds ikoekku ea vlrj ea of) gks jgh gA vU; dkj dks tS sfd I fn; ka ijkus jhfr&fjokt k fo'okl k ijEijvka vks otZ] ?kfV; k I pkj&0; oLFk vks vR; r xjhch tS s vU; dkj dka dh otg I sl eL; k vks xHkhj gks tkrh gA bl I cds vykok LokLF; f'k{k} I g{kr is ty dh 0; oLFk I host fuiVku vks i; kbj.kh; LoPNrk ds {ks= ea xkeh.k} 'kgjh vks tutkrh; {ks=ka ds chp Hkh fo'kky varj ik, tkrsg ftl dk cky vks ekrr LokLF; ij I hekk i Hko i Mf k gA

tIe I sgh cPpka dks I pkj.kh; chekfj; ka I fgr vud LokLF; I adVka dk I keuk djuk i Mf k gA ifrj{k.k I } bu jkska ds ?kfVr gkus ds fo#) I šk"kl ea'kjh dh {kerk ea of) gkrh gA , d fuokjd mik; ds : i ea ifrj{k.k dh] dfri; I Øe.kka ds fo#) 'kjh dh I g{k.kRed {kerk fufeR djus ds okLrs t: jr gA , d o"kl s de vk; qds cPpka dk ri šnd]



fMIFkfhj; k] dkyh [kka h] fVVul] [kl js vks i kfy; ks ds fo#) ifrj{k.k vks fVVul ds fo#) I Hkh xHkZbrh efgykvkads ifrj{k.k dh I efdr cky fodkl I ok ifj; kst uk {ks=kaeafjdyi uk dh xbzgA ifrj{k.k dk; bdyki ikFkfed LokLF; dln@l kmpkf; d LokLF; dlnka vks muds vekhuLFk LokLF; dk; bdrkzka }kjk vk; kstr fd, tkrs gA uenuk I efdr cky fodkl I ok ifj; kst ukvka eafLFkr ds l cak ea orZku ve; ; u ds vkdMsrkfydk 4-17 ea i Lrq fd, x, gA

vks tutkrh; %1-5 ifr'kr½ ifj; kst ukvka dk LFkku Fkka LokLF; dk; bdrkzka uscrk; k fd iwkr-% ifrjf{kr cPka dh fLFkr} ifrj{k.k vfhk; ku ds l e; mudh miyCkrk ij fuHkZ djrh gA I kj.kh 4-17 l s; g Hkh irk pyr gSfd 'kgjh {ks=ka eaf ifrj{k.k dh fLFkr mEehn l s de utj vkrh gS tcf d xkeh.k I efdr cky fodkl I ok ifj; kst ukvka eafLFkr %71-6 ifr'kr½ rgyukRed : i ea cgrj Fkha ik; k x; k fd vkB ifr'kr LokLF; dk; bdrkzka dks Vhds dh vuqyCkrk dh l eL; k dk l keuk djuk i Mka ; g ukV djuk #fpdj gSfd Vhds dk fjdkMZ LokLF; dk; bdrkzka@vka uokM+ dk; bdrkzka }kjk l gh <x l sj [kk x; k Fkka

I kj.kh 4-17 % cPka ds iwkr ifrj{k.k ds ckjs eafj i kZ djus okys LokLF; dk; bdrkzka }kjk k=443½

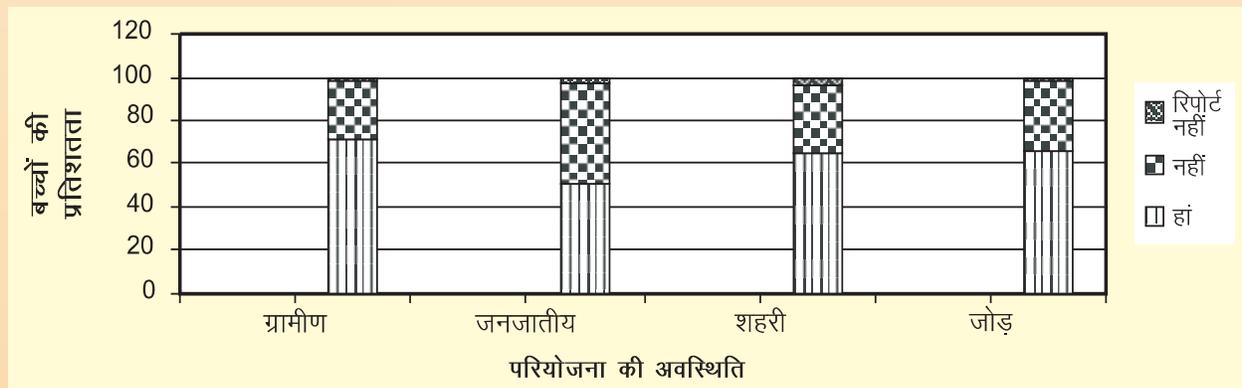
ifj; kst uk dk LFkku	iwkr-% ifrjf{kr cPka ds l cak eamUkj			
	gla	ugla	ugla	dy mUkj
xkeh.k I efdy cky fodkl I ok ifj; kst uk, a	197 (71.6)	74 (26.9)	4 (1.5)	275 (100.0)
tutkrh; ifj; kst uk, a	52 (51.5)	46 (45.5)	3 (3.0)	101 (100.0)
'kgjh ifj; kst uk, a	44 (65.7)	20 (29.9)	3 (4.5)	67 (100.0)
tkM+	293 (66.1)	140 (31.6)	10 (2.3)	443 (100.0)

4-42 de ifrj{k.k ds dkj.k

vka uokM+ dk; bdrkzka vks l gk; d ul l feMokbQ us foHkku ifrj{k.k vks jksxfujkaku dk; bdrkzka ds vekhu yf{kr tul ; k dh dy dojst ds l cak ea ekrkva vks LFkkuh; l epk; dks l a q r : i l s f'kf{kr vks if'kf{kr fd; ka bl dk; bdrkzka eafLFkkuh; l engk LFkkuh; l fevr] ipk; rkj efgyk eMyka vks Lo; & l dh l engka us l foekkin; d dh Hkfedk fuHkka bu l engka vks 0; fDr; ka ds l okZke bjkna

I kj.kh 4-17 ds vuq kj] yxHkx 66 ifr'kr LokLF; dk; bdrkzka us cPka ds iwkr ifrj{k.k dh fji kZ/dh] l cl svfed xkeh.k ifj; kst ukvka ds vr xZ Fk %71-6 ifr'kr½ ml ds ckj 'kgjh %65-7 ifr'kr½

fp= 4-9 % ifrjf{kr cPka dh fLFkr*



*LokLF; dk; bdrkzka }kjk ; Fk fji kZ ds vuq kjA



vkj fu"Bki wbd fd, x, iz kl ka ds ckotw] I Hkh ykHkkfFkz ka dk iwz ifrj{k.k iklr djus ds dke ea l eL; kvka vkj dfBukb; ka dk l keuk djuk i Mka LokLF; dk; Zrkz/ka }kjk crk, vuq kj I Hkh cPpka dk iwz ifrj{k.k iklr djus ea vl eFkz jgus ds fofHkuu dkj.kka ij I kj.kh 4-18 ea izdk'k Mkyk x; k gA

ekrk&fir k dk mnkl hurki wkz#[k Fkk 123-3 ifr'kr½ ml sckn ifrj{k.k l s tMfvfo'okl 117-6 ifr'kr½ Fka , d ekrk&fir k }kjk dh xbz fVli .kh dks ukv/ djuk #fpdj g\$ ftl us dgk Fkk Be@s Vhdk ugha yxk exj ea LoLFk gw , oa chekj ugha i MkaP vl; i æ[k dkj .kka ea l fn; ka i gkus fo'okl] jhfr&fjokt vkj vak fo'okl o tkfr; ka@erka l s tMk ykNu

I kj.kh 4-18 % I Hkh cPpka ds iwz ifrj{k.k ea l eFkz u jgus ds dkj .k 117 1/2 ; k=443½

vcg&ifrfo; k½

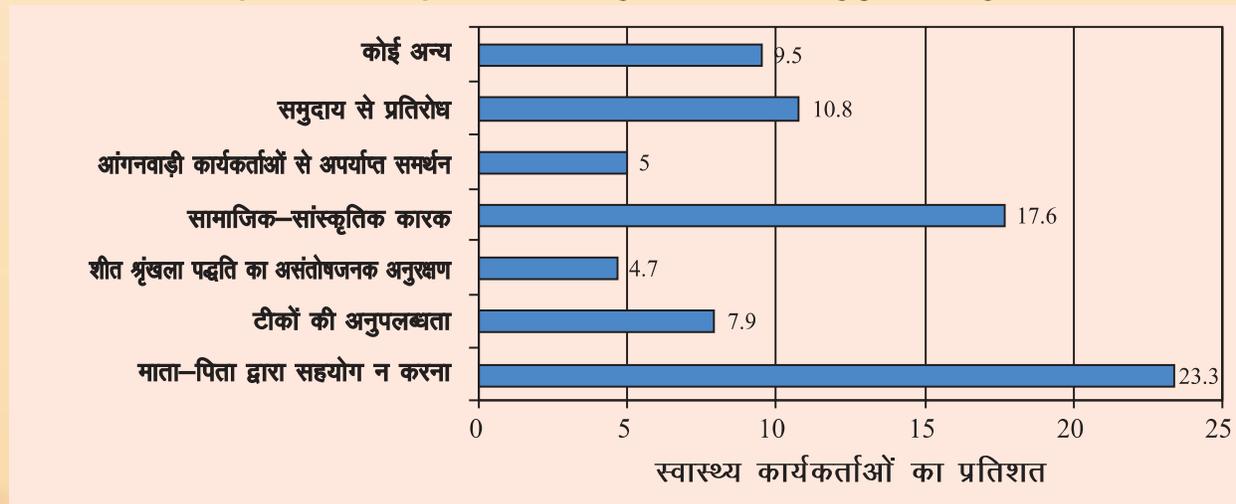
vi ; klr ifrj{k.k LFku dsdkj.k	I efdr cky fodkl I ok ifj; kst ukv/ak			
	xkeh.k (%)	tutkrh; (%)	'kqjh (%)	tkm+ (%)
ekrk&fir k }kjk l g; lsc u fd; k tkuk	50 (18.2)	37 (36.6)	16 (23.9)	103 (23.3)
Vhdka dh 'khr Jkkyk i) fr dh vuq yækrk	15 (5.5)	17 (16.8)	3 (4.5)	35 (7.9)
?kV; k fu"i knu	6 (2.2)	13 (12.9)	2 (3.0)	21 (4.7)
vak fo'okl @fo'okl @ ykNu vkfn 1/4 lekftd& l kldfrd dkj d½	34 (12.4)	31 (30.7)	13 (19.4)	78 (17.6)
vkauokh dk; Zrkz/ka l svi ; klr l eFku	12 (4.4)	9 (8.9)	1 (1.5)	22 (5.0)
I epk; l s ifrjkek	22 (8.0)	20 (9.8)	6 (9.0)	48 (10.8)
dkbz vl;	26 (9.5)	12 (11.9)	4 (6.0)	42 (9.5)

'kkfey gA nl LokLF; dk; Zrkz/ka ea l s , d 110-8 ifr'kr½ uscrk; k fd ifrj{k.k ds ykHkka dsckj sea vi ; klr tkudkj vkj vQog QSykusokyka dh Hkfedk ds dkj .k l epk; ka ds dfri ; oxka us dMk fojkak fd; ka ; sdkj d] ekrk&fir k@l epk; ka ds fplru vkj vfhkofuk dks dkQh l hek rd ifrdw ; i l s iHkfor dj jgsgA vl; dkj .kka ea iz kkl fud dfBukb; ka vFkok tkudkj h] f'k{kk vkj l pkj uhfr l s tMk l eL; k, a 'kkfey gA

yxHkx , d&pkfkkbz LokLF; dk; Zrkz/ka }kjk crk, x, vuq kj i æ[k dkj .k] ifrj{k.k ds ifr

fp= 4-10 ea mu dkj .kka dks n'kkz k x; k g\$ ftuds pyrs cPpka dks ifrj{k.k ugha fn; k tkrk gA

fp= 4-10 % cPpka ds iwz ifrj{k.k ea vl eFkz jgus ds dkj .k



4-4-3 xHkbrh ekrkvka dk i frj{k.k

ekun.Mka ds vuq kj] fVVul VkdI kbM dh nks [kjkd xHkbrh efgykvka dks 12 I lrg ds varjky ij nh tkuh gsrh gq nvl jh [kjkd cPps ds tle ds I Hkkfor fnu I s pkj I lrg igys nsh gsrh gA rFkfi] fd I h Hkh xHkbrh ekrk dks fVVul VkdI kbM dh , d [kjkd I s Hkh oap r ugha j [kk tkuk pkfg,] pkgsmI snj Hkh gksxbz gkA ykHkFkz ka dk er Fkk fd i frj{k.k I su dpy ekrk dk cfYd cPps dk Hkh cpko gsrk gA I kj.kh 4-19 eafn, x, vkadMka I s irk pyk fd 76-2 i fr'kr xHkbrh ekrkvka dks fVVul VkdI kbM i frj{k.k i ktr gqA 27 i fr'kr xHkbrh efgykvka dks igyh [kjkd i ktr gqz rFk 48 i fr'kr ekrkvka us nvl jh [kjkd dk Hkh ykHk mBk; kA

i kFkfed Lok F; dlnz@I kmpkf; d LokLF; dlnz ds efmDy vfedkFj; ka dh I ykg ij rhl jh [kjkd Hkh nh xBA vkauokMh dk; Zrkz/ka ds I kFk vuq akku ny dh ppkz/ka I s irk pyk fd xHkbrh ekrkvka dk i frj{k.k dk; xHkzLFkk ds i kjfEHkd i at hdj.k I fgr] vkauokMh dk; Zrkz/ka }kj k I okp i kFkfedrk inku dh xBA vkauokMh dk; Zrkz/ka }kj k ; g I fuf'pr djus ds fy, Hkh I koekkuh cjr h xbz fd nshka ds chp de I s de pkj I lrg dk varj gkA xHkbrh efgykvka ds I cak ea i frj{k.k dk jkT; &okj dojst I ayXud 13 ea fn; k x; k gA

4-4-4 tle ds I e; cPps dk otu ysk

ij d i kskkgj ds fy, ykHkFkz ka dk p; u djus ea Bvk; q ds vuq kj otuP dk ekin.M bl

I kj.kh 4-19 % xHkbrh efgykvka ds i frj{k.k dh fLFkr ekrkvka dk dFku 1/2 q; k=2983 1/2

i fj; kst uk dk LFku	mlkj nkrkvka dh I q; k	i frj{kr ekrkvka dh I a (%)	fVVul VkdI kbM					
			, u vkj (%)	igyh [kjkd (%)	nl jh [kjkd (%)	irk ugha (%)	, u (%)	I Hkh (%)
xteh.k	1827	1443 (79.0)	5 (0.3)	490 (26.8)	936 (51.2)	12 (0.7)	384 (21.0)	1827 (100.0)
tutkrh;	678	488 (72.0)	2 (0.3)	203 (29.9)	280 (41.3)	3 (0.4)	190 (28.0)	678 (100.0)
'kgjh	478	341 (71.3)	0 (0.0)	121 (25.3)	218 (45.6)	2 (0.4)	137 (28.7)	478 (100.0)
tM+	2983	2272 (76.2)	7 (0.2)	814 (27.3)	1434 (48.1)	17 (0.6)	711 (23.8)	2983 (100.0)

rkydk 4-19 I s irk pyrk gsf d i frj{k.k dk dojst i fr'krk dh nfv I s xteh.k i fj; kst ukvka ea I okzed Fk 1/79-0 i fr'kr 1/2 ml ds ckn tutkrh; vks 'kgjh i fj; kst ukvka dk LFku Fk] ft I usmuds chp , d i fr'kr dk ekuyh I k varj n'kz kA rFkfi] igyh [kjkd dk fn; k tkuk] xteh.k ekrkvka dh rgyuk ea 1/26-8 i fr'kr 1/2 tutkrh; ekrkvka ds chp 1/29-9 i fr'kr 1/2 cgrj FkA fdUrq nvl jh [kjkd i ktr djus okyka dh i fr'krk xteh.k i fj; kst ukvka ea I okzed 1/51-2 i fr'kr 1/2 Fkh] ml ds ckn 'kgjh i fj; kst ukvka ea ekrkvka dk 1/45-6 i fr'kr 1/2 vks tutkrh; i fj; kst ukvka ea ekrkvka dk 1/41-3 i fr'kr 1/2 LFku FkA vkadMk I dyu i f0; k ds nksku ik; k x; k fd ux.; i fr'krk ea 1/3-5 i fr'kr 1/2

ekj.kk ij vkekkfjr Fk fd xkoka@'kgjh uxj ds varj@efyu clrh I eyka ea cPpka dk otu fd; k tk, vks mudh i kskkgj fLFkr dh nfv I s xM/c) fd; k tk, A bl dk ; g Hkh vFkz gsf d vkauokMh dk; Zrkz vk; q dk I gh vnttk yxkus vks otu djus dh i f0; k iyh dj d fodkl pkVZ ea otu fjdKMZ dj ds vks ml s I e>dj vko'; d dkj bkbZ dj ds vks ekrkvka dks ml ds ckj s ea crkus ea Hkh i wkz n{krkvka dk fodkl dj yxka cPps dk otu djus dh ; g i f0; k cPps ds tle I s 'kq dh tkuh FkA LokLF; vks i kskkgj fLFkr dk vkdyu djus ds fy, ekrkvka I svkauokMh dk; Zrkz/ka }kj k cPps ds tle I sotu dj kus ds ckj s ea dgk x; kA tc dHkh



ekrvka us crk; k fd muds cPpka dk otu gks x; k g\$ rHkh fjdkMZ dh tkp dh xbz tksvka xukMh dlnz ea miycek Fkk vFkok ekrvka l s okLro ea fjdkMZ fd, x, otu dk irk fd; k tkuk pkfg, A l kj.kh 4-20 ea tle ds le; cPps du otu n'kkz k x; k gA

rkfydk 4-20 l s ; g n\$kk tk l drk g\$fd 72-8 ifr'kr ekrvka us crk; k fd muds cPpka dk

29 ifr'kr cPpka dk otu bl Lrj l s de ik; k x; kA ; g dk; D\$e dk , d l dkjkrEd i Hko gA fQj Hkhj ; g l fuf'pr djus ds fy, v\$ v\$kd iz kl fd, tkusdh t: jr g\$fd or\$ku v\$; ; u eak, x, 72-8 ifr'kr dh r\$yuk ea tle ds le; otu dk ekMhVju djus ds fy, dojst 'kr&ifr'kr gka cPpka ds tle Hkhj dh jkT; &okj fLFkr l yXud 14 ea nh xbz gA

I kj.kh 4-20 %cPpka dk tle ds le; otu ¼ d; k=3733½

ifj; kstuvka dh LFKku	cPpka dh dy l a	tle ds le; otu fd; k x; k (%)	cPpka dk tle ds le; otu				Kkr ugha (%)
			2000 xte l s de (%)	2000 -< 2500 xte (%)	2500 -< 3000 xte (%)	3000 xte v\$ vf/kd (%)	
xkeh.k	2284	1659 (72.6)	80 (4.8)	403 (24.3)	675 (40.7)	340 (20.5)	161 (9.7)
tutkrh;	848	564 (66.5)	45 (8.0)	137 (24.3)	203 (36.0)	149 (26.4)	30 (5.3)
'kgjh	601	495 (82.4)	17 (3.4)	123 (24.8)	183 (37.0)	122 (24.6)	50 (10.1)
tkM-	3733	2718 (72.8)	142 (5.2)	663 (24.4)	1061 (39.0)	611 (22.5)	241 (8.9)

tle ds le; otu fd; k x; k FkA tc bu cPpka ds l eak ea vka xukMh dlnz ea fjdkMZ dh tkp dh xbz rks; g n\$kk x; k fd yxHkx 9 ifr'kr cPpka ds l eak ea fjdkMZ miycek ugha FkA 'k\$ ea l s yxHkx 5 ifr'kr cPps 2 fdyks xte l s de otu ds i\$nk gq Fk\$ rFkk dy cPpka ea l s 29 ifr'kr dk otu 2-5 fdyks xte l s de Fkkj ftl dk vFkZg\$fd dy cPpka ea l s 29 ifr'kr l kekl; l s de Hkhj ds i\$nk gq FkA l kekl; tle Hkhj l s de cPpka dh ifr'kr rk tutkrh; {ks=ka ea dN v\$kd ½2 ifr'kr½ FkA

4-4-5 cPpka dk ifrj{k.k ¼&6 ekl ½

I efdy cky fodkl I ok ifj; kstuvka {ks=ka ea cPpka ¼&6 ekl ½ ds ifrj{k.k dk dojst rkfydk 4-21 ea ifjyf{kr gA 72 ifr'kr ufl \$ ekrvka us crk; k fd muds cPpka dk ifrj{k.k gks ppk gA xkeh.k ifj; kstuvka dh r\$yuk e\$ tgka 79-4 ifr'kr ekrvka us crk; k fd muds cPpka dk ifrj{k.k gks ppk g\$ 'kgjh ifj; kstuvka ea ifr'kr rk 79-7 ij dN

Aj nh xbz l kj.kh l s l exz fLFkr mHkhj dj l keus vkrh gA ml l s bl rF; dk irk pyr g\$fd cPpka ds tle Hkhj ea of) ea dkQh l \$kkj g\$ g\$ jk"Vh; tu l g; l s , oacky fodkl l l Fkku ds 1992 ds v\$; ; u ea ik; k x; k fd 4 ifr'kr cPpka dk tle ds le; otu 2-5 fdyks xte l s de Fkkj tcf\$ or\$ku v\$; ; u ead\$y

I kj.kh 4-21 % ifrj{k.k ds vaxr cPpka ¼&6 ekl ½ dk dojst v\$krvka ds mUkj ¼ d; k=2985½

ifj; kstuvka dh LFKku	ifrj{kr cPps			
	, uvkj (%)	gka (%)	ugha (%)	l Hkh (%)
xkeh.k	7 (0.4)	1454 (79.4)	370 (20.2)	1831 (100.0)
tutkrh;	4 (0.6)	467 (70.1)	195 (29.3)	666 (100.0)
'kgjh	4 (0.8)	381 (79.7)	93 (19.5)	478 (100.0)
l Hkh	15 (0.5)	2302 (77.4)	658 (22.1)	2975 (100.0)



I ešdr cky fodkl I o'kvka ds rhu n'kd&, d eW; ka du

v/; k; 4

cgrj FkhA tutkrh; {ks=ka ea l cl s de} vFkkz 70
ifr'kr dojst ik; k x; ka

fo'kšk iz kl fd, tkus dh t: jr gA cPpka 1/6 ekl
I
3 o"Kz ds l cak ea ifrj{k.k dh jkT; @l ak 'kkf l r
{ks=&okj fLFkr l ayXu 15 ea n'kkbz xbz gA}

4-4-6 cPpka dk ifrj{k.k 1/6 ekl I s3 o"Kz

6 ekl I s3 o"Kz ds chp cPpka ds ifrj{k.k dh
fLFkr ds l cak ea vka dMs ykHkkfFkz ka dh ekrkvka I s
, d= fd, x, Fk ftuls; g iNk x; k Fk fd D; k
muds cPpka dk ifrj{k.k gqvk gS vFkok ugha bl ds
vykok] muds mUjka dh dbrz ea j [ks x, fjdKMZ I s
tkp dh xba rkydk 4-22 eš 6 ekl I s3 o"Kz ds oxZ
I s l cak cPpka dks yxk, x, fofHku Vhdka ds ckjs
ea fLFkr n'kkbz xbz gA

4-4-7 cPpka dk ifrj{k.k 1/3-6 o"Kz

bl vk; q ds cPpka dks Mh-Vh- cLVj
1/3-6 o"Kz; k fVVul 1/2 bu cPpka dh ekrkvka 1/5-49% 1/2 us
; g crk; k fd muds cPpka dks fVVul I s cpkus ds
fy, Mh-Vh- cLVj fn; k x; k gA I kfj.kh 4-23 bl
vk; q l eš ds cPpka dks ifrj{k.k dk I adrd gA

I kfj.kh 4-22 %cPpka dk ifrj{k.k dojst 1/6 ekl I s3 o"Kz
ekrkvka ds mUj 1/4 q; k=3733 1/2

ifj; kst uk dk LFku	ifrj{k.k dojst								
	Mh iVh [kjkd			cLVj	chl hth	iksy; lscn			[kl jk (%)
	1st (%)	2nd (%)	3rd (%)			ile (%)	frit; (%)	rri; (%)	
xteh.k	394 (17.3)	232 (10.2)	913 (40.0)	354 (15.5)	1874 (82.0)	381 (16.7)	252 (11.0)	1632 (71.5)	1623 (71.1)
tutkrh;	160 (18.9)	92 (10.8)	287 (33.8)	162 (9.1)	673 (79.4)	171 (20.2)	109 (12.9)	555 (65.4)	5400 (63.7)
'kgjh	85 (14.1)	50 (8.3)	253 (42.1)	147 (24.5)	530 (88.2)	95 (15.8)	60 (10.0)	443 (73.7)	467 (77.7)
tkM+	639 (17.1)	374 (10.0)	1453 (38.9)	63 (17.8)	3077 (82.4)	647 (17.3)	421 (11.3)	2630 (70.5)	2630 (70.5)

rkydk 4-22 ea fn, x, vka dMs I s fofHku
izkj dh chekfj; ka ds fo#) ifrj{k.k dh fLFkr
n'kkbz xbz gA ; s mUj 6 ekl I s3 o"Kz ds vk; &oxZ
ds cPpka dh ekrkvka I s ikr gq FkA rkydk I s ikr
pyrk gS fd chl hth Vhdka dojst vfedre
1/32 ifr'kr 1/2 FkA) ml ds ckn iksy; ks rhl js pj.k
vks [kl js dk Fk vka ekeyka ea 70-5 ifr'kr 1/2 Mh-
ih-Vh- rhl jh [kjkd 1/38-9 ifr'kr 1/2 vks cLVj Mh-ih-
Vh- [kjkd 1/17-8 ifr'kr 1/2 ; gka ; g mYydk djuk
egUoi wkgSfd ; svka dMs ekrkvka jkjk fn, x, mUjka
ij vkekfjr gA vks bl fy, cPpka ds ifrj{k.k
dojst dh n"V I s dkbz fu" pr fu" d"Kz ughafudkyk
tk I drkA rFkfi) bl ds ckotin I exz ifrj{k.k
dojst ea dkbz mRI kgtud i dFuk n"; ugha gA
bl fy,) Hkfo"; ea vi fkr dojst ikr djus ds fy,

rkydk 4-23 I s ikr pyrk gSfd ifrj{k.k ds
ekeys ea tutkrh; 1/52-5 ifr'kr 1/2 vks 'kgjh
1/51-5 ifr'kr 1/2 ifj; kst ukvka dh rgyuk ea xteh.k {ks=ka
dh fLFkr 1/56-7 ifr'kr 1/2 cgrj Fkh] tS k fd ekrkvka
uscrk; k FkA vka uokMh dk; Zdrkz/ka uscrk; k fd bl
vk; &oxZ ds cPpka dh n"V Hkky djus vFkok i'kq
pkjdka ds : i ea dke djs FkA bl fy,) vi fkr

I kfj.kh 4-23 %cPpka dk ifrj{k.k dojst 1/3&6
o"Kz 1/3&6 o"Kz ekrkvka dk mUj 1/2 q; k=3737 1/2

ifj; kst uk dk LFku	cPpka dh I a	fn; k x; k MhVh cLVj (%)
xteh.k	2286	1296 (56.7)
tutkrh;	851	447 (52.5)
'kgjh	600	309 (51.5)
tkM+	3737	2052 (54.9)

ifr'krk eađojst I fuf'pr djuk dfBu gA crk; k x; k gS fd 'kgjh ifj; kst ukvka ds cPpka dks mudh ekrkvka vFkok cMsHkkb&c&guka ds dke ds LFkku ij ys tk; k tkrk Fkka bl vk; &oxZ ds cPpka ds ifrj{k.k dk jkT; &okj dojst I yXd 16 ea n'kkz; k x; k gA

4-5 LokLF; tkp

I ešdr cky fodkl I ok dk; De ds varxř xHkZrh ekrkvka dh i d o&iwZ nS[kHkky] ufl & ekrkvka dh i d okkij nS[kHkky vks uotkr dh nS[kHkky vks N%o"lZ I sde vk; qdscPpka dh nS[kHkky graq LokLF; tkp ij i; klr cy fn; k tkrk gA , d fuf'pr ifj; kst uk {ks= dh I Hkh xHkZrh vks ufl & ekrkvka vks N%o"lZ rd ds cPpka dks bl I ok ds varxř doj fd, tkus dh mEhn gA bl fy,] ; g I fuf'pr djuk vko'; d gS fd LokLF; I ok, a u doy mu cPpka dks tks I gk; d ul Z feMokbQ@ih-, p-, u- vks ešMdy vfedkfj; ka ds nS[sds I e; vkauokM+ ka ea mifLFkr Fks cfYd mu cPpka dks Hkh inku dh tk, & ftlga I ešdr cky fodkl I ok dk; De ds varxř doj fd; k tkuk pkfg, A xkeh.k okj.k. kl h ea ekr' i kSkkgkj vks uotkr cPpka ds tle Hkkj ds I ok ea I ešdr cky fodkl I ok ds i Hkko dk vkdyu djus ds fy, cky pfdRI k foHkx] cukj I fgUnwfo' ofo | ky; } jk , d vè; ; u vk; kš tr fd; k x; k Fkka I ešdr cky fodkl {ks=ka ea i k; k x; k fd xHkZbLFk ds nS[ku efgykvka dk otu yxHkx 6-3&7-4 fdyks te c<+tkrk Fkka I ešdr cky fodkl I ok CykD ep ij d i kSkkgkj u i klr djus okyh efgykvka ds cPpka ds tle ds I e; Hkkj dh rgyuk ea mu cPpka dk Hkkj 58 xte rd i; klr : i I s vfedk Fkk] ftlga ij d i kSkkgkj inku fd; k x; k Fkk ½ k"Vh; tu I g; ksx , oacky fodkl I . Fkku%2005% i "B 94&95%A

I ešdr cky fodkl I ok dñka ds Ldny&iwZ f'k{k i klr djus okya dks inku dh tkus okyh LokLF; I okvka dk eW; kađu djus ds fy, tEew

uxj dh efyu cLrh {ks=ka ea i LFkr vkauokM+ dñka dk , d vè; ; u vk; kš tr fd; k x; k Fkka vè; ; u I s i rk pyk fd vfedk k vkauokM+ ka dk ifjoš k I jf{k vks LoPN Fkk] ft I us cPpka ds fodkl vks of) ea I dkj kRed Hkfedk fuHkZ vfedk k ekrk&fir k us vi us cPpka dh yEckb] Hkkj vks Mny&MkSy ea I dkj kRed Hkš rd ifjorZu nS[k] tc mUgk us vkauokM+ dñka ea tkuk 'kq fd; k vks ogka mUgk us ij d i kSkkgkj] f'k{k vks nS[kHkky i klr dhA vkauokM+ dk; ZrkZ/ka us LokLF; dKMZ ugha j [ka I Hkh vkauokM+ dk; ZrkZ/ka us cPpka dh LokLF; fLFkr ds ckjs ea muds ekrk&fir k I s ckrphr dh vks mUga vko'; d tkudkj inku dhA ekrk&fir k dk fopkj Fk fd cPpka dks vkauokM+ ea, d h I ok, a i klr gpa tks mUga vU; Fk u fey i krah bl I s i rk pyr k gS fd ekrk&fir k I ešdr cky fodkl I ok dk; De ds varxř inku djus okyh I okvka dks fdruk egUo nrs gS %t Eewfo' ofo | ky;] xg foKku foHkx] 2003%A

vkauokM+ dk; ZrkZ/ka 75-1 ifr'kr½ ds vuq kj LokLF; dk; ZrkZ/ka us cPpka ds LokLF; dh tkp dh] ft I ea us-ka] duk] ukd] nkar] cky o 'kj hj ds vU; ckg; vaka dh fu; fer : i I s tkp 'kkfey gš ft I ea Toj] us= vks dku nn] peZ jkska vkfn ds fy, nokb; kanuk I fefyr gA I cl svfedk ifr'krk ea LokLF; tkp 'kgjh ifj; kst ukvka 80-8 ifr'kr½ ea dh xb] ml ds ckn tutkrh; ifj; kst ukvka 78-7 ifr'kr½ vks xkeh.k ifj; kst ukvka dk 72-3 ifr'kr½ vojkgH De ea LFkku Fkka

mu dk; ZrkZ/ka dh Jf.k; ka ds ckj sea Hkh vkadMs , d= fd, x,] ftlga us LokLF; tkp dhA I kj.kh 4-24 ea mu dk; ZrkZ/ka dh foHkku Jf.k; kan'kkbZ xbZ gš tks LokLF; tkp djus ea egUo i wZ Fkka



I kfj.kh 4-24 I s; g n[kk tk I drk gSfd 51 ifr'kr LokLF; t[ap ,-, u-, e l ks }kjk dh xbZg 22 ifr'kr ekeyka ea LokLF; t[ap fpdfRI k vf/kdkfj; ka }kjk dh xbZ tcf d , y , p oh@ih , p , ul ds ekeys ea bu dk ifr'kr d[oy 14 ifr'kr FkkA

tkf[ke iwZ I e>k x; k FkkA ,-, u-, e us xHkZrh efgykvka rFkk Lruiku djokus okyh ekrkvka ij fu; fer : i I svu[hrZ dk; Zkgh dh vkj mu cPpka dh n[KKky dh tks d[q kS"kr Fks vkj vkakuokMh dk; Zdrkvka rFkk fd'kksj; ka ds I kFk FkA ; g egl w

fd; k x; k fd ftu txgka ij ,-, u-, e- mi d[ka ds utnd jgrs g[ogka mu ykHkxfj; ka ds oxZ dks cgrj LokLF; I ok, a mi yCek gks ikrh gA

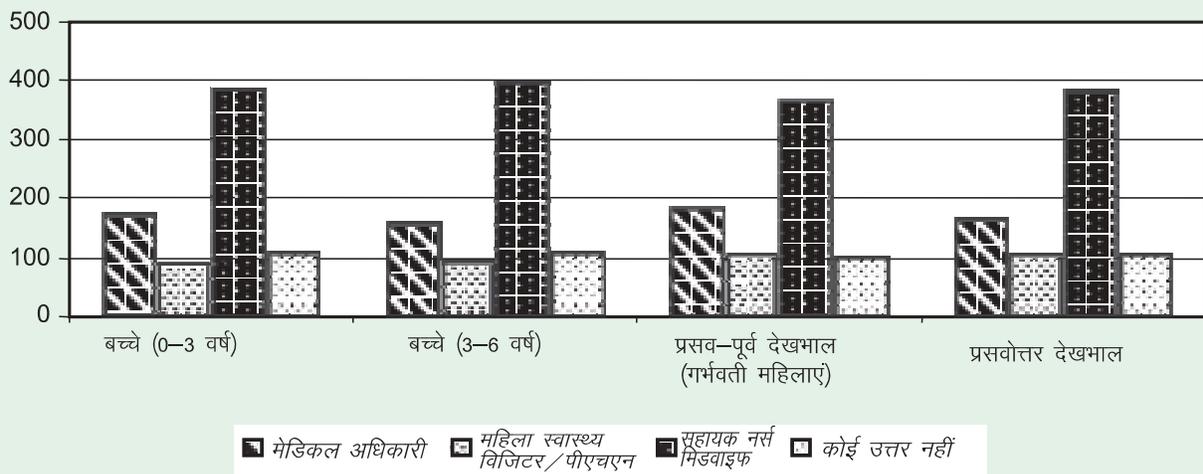
I kfj.kh 4-24 % LokLF; t[ap ea I fefyr dk; ZdrkZ %/vakuokMh dk; ZdrkZ dk dFku 1/4 d; k=748 1/2

yHkkkFkZ; ka dh Js.kh	I fefyr dk; ZdrkZ ka dh Js.kh nvol ved				
	efMdy vfekdkjh (%)	efgyk LokLF; fofTVj (%)	I gk; d ul Z feMokbQ (%)	dkbZmUkj ugha (%)	t[kM+ (%)
cPps 10&3 o"Z	170 (22.7)	85 (11.4)	387 (51.7)	106 (14.2)	748 (100.0)
cPps 10&6 o"Z	154 (20.6)	90 (12.0)	396 (52.9)	108 (14.4)	748 (100.0)
iI o&i n[KKky xHkZrh efgyk, Z	183 (24.5)	101 (13.5)	365 (48.8)	99 (13.2)	748 (100.0)
iI okkij n[KKky	163 (21.8)	103 (13.8)	380 (50.8)	102 (13.7)	748 (100.0)

fp= 4-11 I sLokLF; t[ap ea I fefyr dk; ZdrkZ ka dk irk pyr k gA

mijkDr Js.kh ds ykHkkkFkZ; ka dh LokLF; t[ap dh

fp= 4-11 % LokLF; n[KKky ea I fefyr dk; ZdrkZ



I kfj.kh 4-24 bl ckr dk Hkh I d[er djrh gS fd ,-, u-, e LokLF; t[ap dk e[; I kr g[D; k[fd os rRdkfyd : i I s mi yC/k jgrs g[fpdfRI k vfekdkjh rFkk , y , p oh@ih , p-, u tkf[ke okys cPpka dh fo'kks : i I s d[q kS"kr 1/4 M I-IV 1/2 cPpka rFkk ekrkvka dh Hkh ftUga xHkZbLFkk ds n[sk ku dFbukb; ka dk I keuk fd; k FkkA vki ftUga

ckjEckjrk ds I c[ek ea I puk dk fo'yS.k k Hkh fd; k x; ka

vuq akku ny dks cPpka dh LokLF; t[ap dh ckjEckjrk vkj LokLF; t[ap dh ifO; k ds foj .k ds I c[ek ea tkjh fd I h ifji=@ekxZunZk dk irk ugha pyka cPpka dh d[oy I keW; 'kjhfd LokLF; t[ap ds ckjs ea fjiksZ dh xBA rFkfi] xEHkj : i I s

I kj.kh 4-25 % LokLF; tkp dh ckjEckjrk

YkkkFkz ka dh Jskh vks ifj; kst uk, a	, uvkj (%)	ekl ea , d ckj (%)	frekgh ea , d ckj (%)	o"lz ea nksckj (%)	d h dkbz vof/k ugha (%)	vU; (%)	, u, (%)	tkm+ (%)
cPps 10&3 o"lz	6 (0.8)	420 (56.1)	121 (16.2)	13 (1.7)	75 (10.0)	28 (3.7)	85 (11.4)	748 (100.0)
cPps 10&3 o"lz	7 (0.9)	349 (46.7)	157 (21.0)	38 (5.1)	85 (11.4)	26 (3.5)	86 (11.5)	748 (100.0)
efgyk, a 1/4 i o&i w/z	6 (0.8)	455 (60.8)	106 (14.2)	9 (1.2)	67 (9.0)	25 (3.3)	80 (10.7)	748 (100.0)
efgyk, a 1/4 i o&kj 1/2	14 (1.9)	430 (57.5)	104 (13.9)	9 (1.2)	78 (10.4)	30 (4.0)	83 (11.1)	748 (100.0)

vkSkfek; ka dh Hkji kbz djus dh ijh ifØ; k dks pqr cuk; k tkuk 'kSk g\$ D; kkd fdV dh Hkji kbz djus ea yEck I e; yxrk gA vkSkfek; ka dh miyCekrk I Hkh pkj {ks=ka ea vl arkStud

dq ks"kr vks i d o dsnjku tVyrkva okyh ekrkva ij i kFked LokLF; d bnta I kepkf; d LokLF; d bnta ea eMdy vfedkfj; ka us I eipr e; ku fn; ka I kj.kh 4-25 I sirk pyr k g\$fd Bekl ea, d ckj LokLF; tkp dh ckjEckjrk dk ykkkFkz ka dh I Hkh Jf.k; ka ds I cak ea ikyu fd; k x; k j fti dh ifr'krk 47 vks 61 dschp FkA 61 ifr'kr vakuokMh dk; Zrkz/ka ds vuq kj LokLF; tkp ds vxr ekI ea, d ckj 3 o"lz I sde vk; qdscPpka vks xHkbrh ekrkva dh i d o&i w/z tkp ij vfed cy fn; k x; ka crk; k x; k fd ftUga vLirkyka dh I qoekk miyCek FkA vks tks 0; ; ogu djus dh fLFkr ea Fkz osxHkbrh ekrkva vks cPpka dh ns kHky ds fy, futh MkDVjka vLirkyka ea x, A

i kbz xbZ rFkk ftu vakuokMh d bnta dk ve; ; u fd; k x; k j muea I s veks ds ikl vkSkfek fdV ugha Fkz tks nf{k.kh {ks= ea 53-7 ifr'kr vakuokMh d bnta dh rgyuk ea i w&kj {ks= ea dpy 36-3 ifr'kr vakuokMh d bnta ea miyCek FkA ftu ifj; kst ukvka dk ve; ; u fd; k x; k j muea I s 'kk; n gh 1997 ds ckn fdV iklr gqk FkA I Hkh {ks=ka ea yxHkx veks vakuokMh d bnta ea 1/54-6 ifr'kr 1/2 gh mfpr Hk. Mkj.k LFkku miyCek FkA ns k ds I Hkh pkj {ks=ka ea i pfyr I keku; chekfj; ka ea t pke [kkd h] Toj vks i sp'k I feefyr FkA vakuokMh dk; Zrkz/ka us crk; k fd ykkkFkz ka us mul s d qB] eekog 'okl jksx vkfn ts h cgq I h vU; chekfj; ka ds ckj sea I Ei dzfd; k j ftuds ckj sea mudk fopkj Fkk fd os I {ke ugha FkA rFkfi] vakuokMh dk; Zrkz/ka us crk; k fd vke chekfj; ka ea I Hkh {ks=ka ea I kekj.k : i I s 1/47-2 ifr'kr 1/2 deh vkbz Fkh] fdUrq vkSkfek; ka dh vuq yCekrk ds dkj.k] nf{k.kh vks ee; {ks=ka ea i pfyr chekfj; ka ea ekeqyh I h vFkok dkbz deh ugha vkbz FkA vfedka k 1/96-6 ifr'kr 1/2 vakuokMh dk; Zrkz vks vkj , I r\$ kj djus dh I gh fofek rFkk cPpka vks i ks=ka dks nh tkus okyh ek=k crkus ea I eFkz FkA ve; ; u I sirk pyk fd I epk; dks I ok, a inku djus ea vkSkfek; ka dh vuq yCekrk , d cMh cekk FkA vakuokMh d bnta dks I lykbz dh xbZ vkSkfek fdV I ij d ena FkA vks xte Lrj ij vfuok; Z vkSkfek; ka dh miyCekrk ea of) djus dk , d iz kl Fk 1/4 k"Vh; tu I g; ksx , oa cky fodkl I LFkku% 2003 1/4



4-5-1 ykšj vksj Qkfyd , fl M xksfy; ka ¼/vkbZ , Q , Vh½

ykšj vksj Qkfyd , fl M xksfy; ka xHkZbrh ekrkvka vksj cPpka dks inku dh tkrh gA cPpka dks , d xksyh nšud : i ea nh tkrh gš ftl ea 20 fe- xte ykšj vksj 0-1 fe-xte Qkfyd , fl M gkrk gA xksfy; ka ij 'kdžk dk yš p<k gkrk gA cPpka dks Hkh yxkrkj 100 fnu rd xksfy; ka nh xbZ Fkha rFkfi] xksfy; ka [kkusdh l gh vofek vyx&vyx cPp@ekrk dh ixfr ij fuHkž Fkha , d l e; ; s xksfy; ka , d ekl ds fy, l ykzbZ dh tkrh Fkha ekrkvka l s , df=r vkadMka l sirk pyk fd 6 ekl l s 3 o"lZ dh vk; q ds chp ds 60 ifr'kr cPpka dks vksj 3&6 o"lZ ds vk; &oxl ds 65 ifr'kr cPpka dks vkbZ, Q, Vh xksfy; ka nh xbZ Fkha ¼rkfydk 4-26¼ buea l s 6 ekl l s 3 o"lZ rd dh vk; q ds cPpka ds ekeys ea 62 ifr'kr xteh.k vksj tutkrh; l ešdr cky fodkl l ok ifj; kstuvka l s vksj 47 ifr'kr 'kgjh ifj; kstuvka l s Fks rFk 3&6 o"lZ ds vk; &oxl ds cPpka ds l ak ea 68 ifr'kr tutkrh; ifj; kstuvka l s 66 ifr'kr xteh.k {ks=ka l s rFk 65 ifr'kr 'kgjh {ks=ka l s FkA

l kFk l hekk l Ei dZ Fkka bl l Ei dZ l s vkbZ, Q, - xksfy; ka cgrj ifr'krk ea vksj vksx inku djus ea l ņoekk gA bu dk; ZdrkZ/ka us?kj ka dk Hkh nkšk fd; k rkd ykHkFkZ ka }kj k xksfy; ka dk mi; kx l ņuf'pr gks l dA mlgkaus cktkj ea vU; ka dks fcņh djus ds fy, bu enka dh cjcknh vksj n#i; kx ij Hkh utj j [kha

vkakuoMh dk; ZdrkZ/ka dks bu xksfy; ka dh [kir dh i) fr ij] ?kj ka ds nkš ka ds nkš ku xHkZbrh ekrkvka ds fo'ksk l anHkZ e] i kš.k vksj LokLF; f'k{k l =ka ds nkš ku vksj l kFk gh LokLF; tka dh i fņ; k ds nkš ku cjhhdh l s utj j [kuh gkrh gA xHkZbrh efgykvka }kj k vkbZ , Q , xksfy; ka dh [kir dh n"V l s fo'yš"kr vkadMka l sirk pyk fd bl Jskh dh ¼68-9 ifr'kr½ efgykvka uš fu; fer : i l s xksfy; ka dk l ou fd; k rFk 16 ifr'kr us budk mi; kx dHk&dHk fd; k] mlgkaus blga fuxyus tš k l e>k] ekrk, a ¼13-5 ifr'kr½ bu xksfy; ka dks vi us i kl j [krh Fkha fdUrq mudk l ou ugha djrh Fkha D; kfd mlga budk Lokn i l an ugha Fkka fu; fer mi; kx dh n"V l s budh [kir i) fr tutkrh; ifj; kstuvka l s l cl s de ¼64-9 ifr'kr½ Fkha

I kj.kh 4-20 % cPpka ¼ ekl l s 6 o"lZ dks nh xbZ ykšj vksj Qkfyd , fl M xksfy; ka ¼ekrvka dk dFku½

ifj; kstuvka dh flFkr	6 ekl & 3 o"lZ		3&6 o"lZ	
	cPpka dh dy l e; k	ikr djusokys cPpka dh l e; k %	dy cPpka dh l e; k	ikr djusokys cPpka dh l e; k %
xteh.k	2284	1412 (61.8)	2286	1505 (65.8)
tutkrh;	848	531 (62.6)	851	579 (68.0)
'kgjh	601	283 (47.1)	600	336 (56.0)
tkM+	3733	2226 (59.6)	3737	2420 (64.8)

4-5-2 LokLF; tka ea l eL; k, a

vkakuoMh dk; ZdrkZ/ka us LokLF; tka djus vksj ykHkFkZ ka LokLF; dk; ZdrkZ/ka dk l g; kx ikr djus ea l eL; kvka@dfBukb; ka dk mYyšk fd; ka bl l ak ea vkakuoMh dk; ZdrkZ/ka dks i šk

oLrņ% l gk; d ul ZfeMokbQ@efgyk LokLF; foftVj vksj vkakuoMh dk; ZdrkZ/ka dk ekrkvka ds

vkbZ l eL; kvka dh idfr rkfydk 4-27 ea n'kkbZ xbZ gA



I kj.kh 4-27 I s irk pyr k gS fd 29 ifr'kr vka uokMh dk; Zrkz/ka us ykHkKFkz, ka dh vi ; klr LokLF; tkp ds dkj .kka ds : i eaefMdy vksj v) &efMdy

bl fy,] vka uokMh dk; Zrkz/ka ds t : jren ykHkKFkz ka dks fuf'pr rkjh[k ij cykus ea dfBukbz gksrh FkA bl I s dN vka uokMh ka ea if'k{k.k dk dojst Hkh i Hkfor gvkA

I kj.kh 4-27 % LokLF; tkp ea vka uokMh dk; Zrkz/ka dks i sk vkbZ I eL; k, a ¼ d; k=748½

½cg&m¼kj ½

i sk vkbZ I eL; kvka LFku dh idfr	I efdr cky fodkl I ok i fj; kst ukvka dk			
	xteh.k (%)	tutkrh; (%)	'kqjh (%)	tkMh (%)
efMdy@v) &efMdy LVkQ dh deh	138 (30.1)	48 (28.2)	29 (24.2)	215 (28.7)
vka uokMh ds dñka ea vkusea LokLF; dk; Zrkz/ka dk fojok	132 (28.8)	60 (35.3)	24 (20.0)	216 (28.9)
I okvka dk ykHk mBkusea I epk; ds I nL; ka ds chp tix: drkvj; I g; kx dk vHko	83 (18.1)	51 (30.0)	20 (16.7)	154 (20.6)
LokLF; tkp dh fuf'pr rkjh[k dk Ikyu u fd; k tkuk	78 (17.0)	28 (16.5)	13 (10.8)	119 (15.9)
>M&Qñ vksj ikjã fjd bykt drkz/ka ij I epk; dh fultj rk	73 (15.9)	53 (31.2)	13 (10.8)	139 (18.6)
dkbz vl;	33 (7.2)	16 (9.4)	3 (2.5)	52 (7.0)

fp= 4-12 I s vka uokMh ka dks i fj; kst ukvka ds foHkuu LFkkuka ij LokLF; tkp vk; kstr djus ea i sk vkus okyh dfBukb; ka dk irk pyr k gA

4-6 i ksk.k vksj LokLF; f'k{k ¼ u , p bz Mh½

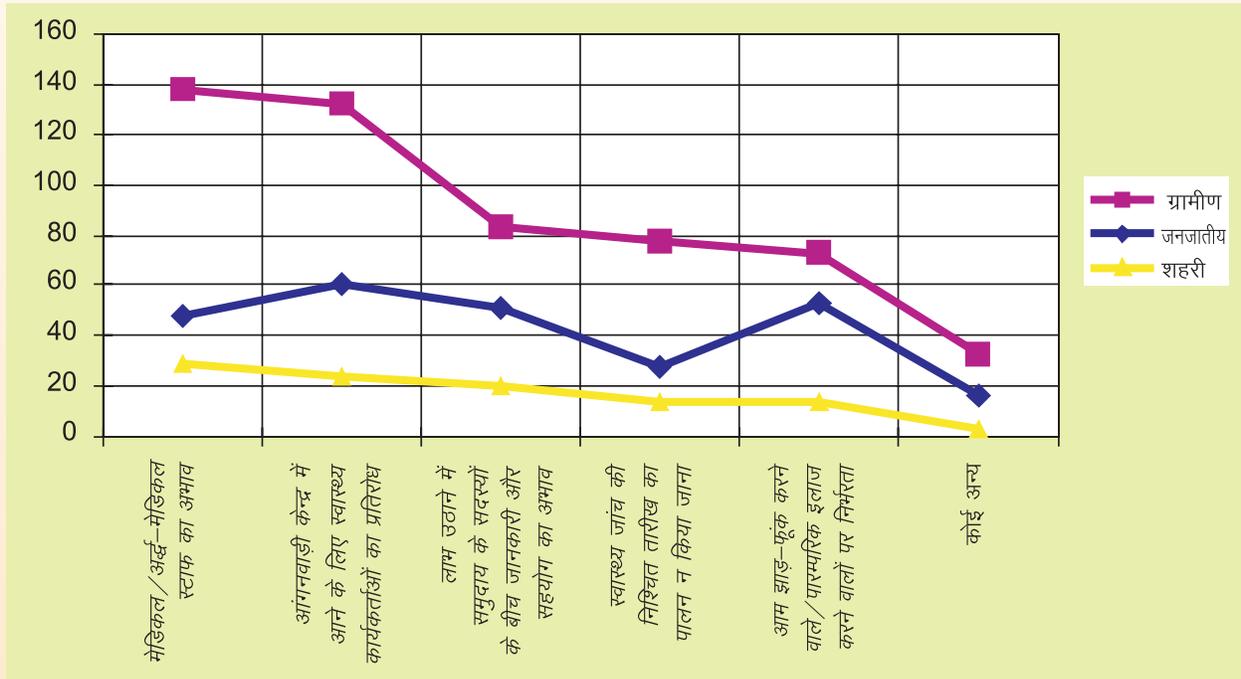
I efdr cky fodkl I ok ds bl I okvka dk mIs;] ekrkva dh cPka dh t : jrka ds ckjs ea tkudkj dh Lrj vksj ifjokj ifjok ea cPps dh n[kHky] I j{k.k vksj fodkl ds I cak eamI dh {kerk ea of) djus ds fy, dfri; cqu; knh LokLF; vksj i kskgkj I ns kka dk i HkkoH I Ei ksk.k djuk gA 15&45 o'kz ds vk; oxz dh I Hkh efgyk, a ; g f'k{k i kusdh gankj gS t I svkKurk] #X.krk vksj dñ ksk.k dh I eL; kvka dk Hkh I ekkku gsrk gA ; g [k.M i d kfr I ns kka i ksk.k vksj LokLF; f'k{k I kexh] I kekuka vksj iz, Dr fofek; ka vkn ij fopkj djrk gA bl [k.M ds vkekj ij vka Mha dk fo'ySk.k fd; k x; k gA

LVkQ dh deh crkba vka uokMh dk; Zrkz/ka dk m¼kj ½28-9 ifr'kr½ Hkh I eku : i I seglo i wZ Fkk] ftUgk us vka uokMh dñka dk nksj k djus ea LokLF; dk; Zrkz/ka dh I eFk rk crkb] ft I dk dkj .k vksi h-Mh- eadk; Zds vR; fekd nco I smRi I u mudk I adkp vFkok mnkl hurki wZ # [k FkA vka uokMh dk; Zrkz/ka dks i sk vkusokyh , d vl; I eL; k] LokLF; tkp dh t : jr vksj eglo dscjseavi uH vKkurk ds dkj .k I epk; dk vl g; kx vFkok bl I ok dk i HkkoH <ak I s ½20-6 ifr'kr½ ykHk mBkus ds ifr mudk mnkl hurki wZrk jos k FkA i kp vka uokMh ea I s yxHkx , d ¼18-6 ifr'kr½ us; g Hkh dgk fd i kj Ei fjd bykt djus oky ka >M&Qñ djus oky ka dks I epk; ds I nL; ka dk] fo'kSk : i I si # "kka dk] vfed fo'okl i klr Fkk] tks ykHkKFkz ka dks bu >M&Qñ djus oky ka dh I okvka dk ykHk mBkus dh I yk nrs FkA ; g Hkh ik; k x; k fd I epk; ea , d idkj dh vfuf'prrk vksj vfo'okl Fkk] D; kãd dñ LokLF; dk; Zrkz ¼15-9 ifr'kr½ i w&fuf'pr rkjh[k ugha ugha vkr FkA

I Hkh vka uokMh dk; Zrkz/ka us crk; k fd mUgk us i ksk.k vksj LokLF; f'k{k dk vk; kst u i ; Zskdka vksj I gk; d ul Z feMokb Qñ@ih-, p-, u- dh I gk; rk I s fd; k FkA tgka rd ; g dk; De vk; kstr djus dh ckj Eckjrk dk I cak gS muea I s 69 ifr'kr us dgk fd mUgk us i ksk.k vksj LokLF;] f'k{k dk vk; kst u ekl ea , d ckj ekrkva vksj cPka I sl ekr fo'k; ka ij fd; ka pkn g ifr'kr us; g dk; Zyki ykHkKFkz ka }kj k 0; Dr dh xbZ t : jrka ds vuq kj fd; k FkA yxHkx I kr ifr'kr us; g dk; Zyki nks ekl ea , d ckj fd; ka nl tutkrh; vka uokMh ka ea I sl kr us; g dk; Zyki ekl ea , d ckj vk; kstr fd; k] yxHkx mruh gh ifr'krk ¼68-3 ifr'kr½ ea xteh.k vksj 'kqjh i fj; kst ukvka ds vR xR vk; kst u fd; k x; ka vka uokMh



fp= 4-12 % LokLF; tkp ea vɔakuokMh dk; ɔrɔk/ka dks išk vkbZ I eL; k, a



dk; ɔrɔk/ka s, d izu] vuɔ ɔkku ny dsnkʃs | s, d ekl igys išk.k vʃʃ LokLF; f'k{k l = vk; kʃtr djus dsckj sea iNKA nl vɔakuokMh dk; ɔrɔk/ka eal s 9 1/10 ifr'kr 1/2 us crk; k fd mlgkaus bl dk vk; kstu 1&3 ekl ds chp fd; k] tcf d ux.; ifr'kr 1/4-4 ifr'kr 1/2 us 3&6 ekl ds chp vk; kstu fd; kA vɔakMh l s; g Hkh irk pyk fd vʃʃ ru 20-94 ekrkva ustutkrh; vɔakuokMh; kaeɔ 18-43 us xteh.k vɔakuokMh; kaeɔ eɔ vʃʃ 18-68 us 'kgjh vɔakuokMh; kaeɔ l fɔ; rki ɔɔɔ Hkx fy; kA bu rhu {s-kaeɔ ekrkva dh vʃʃ r mi l f k fr 18-68 ekrkva dh FkA

LokLF; f'k{k C; jkʃ Hkjr h; LoPNd LokLF; , l k l , 'ku] [k | vʃʃ i kʃk gkj ckM] jkT; ipkj foHkxkɔ l pouk vʃʃ J0; &n'; l kɔkua o vU; ka l s dh tkuh FkA l ešdr cky fodkl I ɔk ds vkbZ bZ l h ctV ea l kexh ds vuɔkn dsfy, Hkh ikoekku gA vɔakuokMh dk; ɔrɔk/ka us muds }kjk ekrkva dks išk.k vʃʃ LokLF; f'k{k inku djus dsfy, vi ukbZ xbZ foHkU fofek; ka ds ckj s ea crk; kA ; gka ; g mYyʃk djuk egɔoi wʃz gʃ fd vɔakuokMh dk; ɔrɔk/ka }kjk eɔ; : i l s xHkɔrh vʃʃ Lruiku djusokyh ekrkva ij cy fn; k x; kA muds mUkj l kj.kh 4-2-8 ea iLrɔ gA

4-6-1 išk.k vʃʃ LokLF; f'k{k dsfy, vi ukbZ xbZ fofek; ka

išk.k vʃʃ LokLF; f'k{k dh l Qyrk] l kexh inku djus vʃʃ l pkj rduhdkae vɔakuokMh dk; ɔrɔk/ka i ; ɔʃkɔkɔ l gk; d ul z f eMokbQ vʃʃ efgyk LokLF; foftVj ds l eɔpr i f'k{k.k ij fuHk] djrh gA mEehn dh xbZ Fk fd dN mi ; kxh l kexh dh [kjhn] jk'Vh; i kʃk gkj l l f k u] Hkjr h; Hkʃt vuɔ ɔkku ij f'kn] dɔbhb;

rkydk 4-28 l s irk pyr k gʃfd vɔakuokMh dk; ɔrɔk/ka 1/2-1 ifr'kr 1/2 us ekrkva l svy&vyx vFk l eɔka ea okrkZ djus dsfy, , d fofek ds : i ea vU rj & oʃ fDrd l Ei dz vʃʃ ppkZ dk iz kx fd; kA , d vU; fofek ft l dk vU; kadh rgyuk ea i k; % v f e d ckj iz kx fd; k x; k] og uɔ [kka ds in'kɔ] vʃʃ vʃʃ , l ds fuekZ k] ekrkva vʃʃ fd'kʃj; ka ds fy, 1/3-6 ifr'kr 1/2 i kuh ds 'kɔ] hdj .k dh FkA vɔakuokMh dk; ɔrɔk/ka 1/4-6-6 ifr'kr 1/2 us i f p'k] i fr j {k.k} Nkʃs



I kj.kh 4-28 % i ksk.k vj LokLF; f'k{kk dsfy, iz, Dr fofek; ka I keku 1/4 ; k=748 1/2 %cg&mUkj 1/2

I ksk.k vj LokLF; dsfy, iz, Dr I keku@fofek; ka	I efdr cky fodkl I ok ifj; kst ukvka dk LFku			
	xteh.k %	tutkrh; %	'gkj %	tkM+ %
ppkz, a	409 (89.3)	167 (98.2)	113 (94.2)	689 (92.1)
in'ku	159 (34.7)	52 (30.6)	64 (53.3)	275 (36.8)
in'ku; ka	75 (16.4)	13 (7.6)	36 (30.0)	124 (16.6)
jyh	60 (13.1)	16 (9.4)	10 (8.3)	86 (11.5)
ur; vj xhr	71 (15.5)	15 (8.8)	22 (18.3)	108 (14.4)
ukVd	56 (12.2)	13 (7.6)	24 (20.0)	93 (12.4)
fQYeh 'kks	12 (2.6)	2 (1.2)	12 (10.0)	26 (3.5)
vu;	50 (10.9)	17 (10.0)	8 (6.7)	75 (10.0)

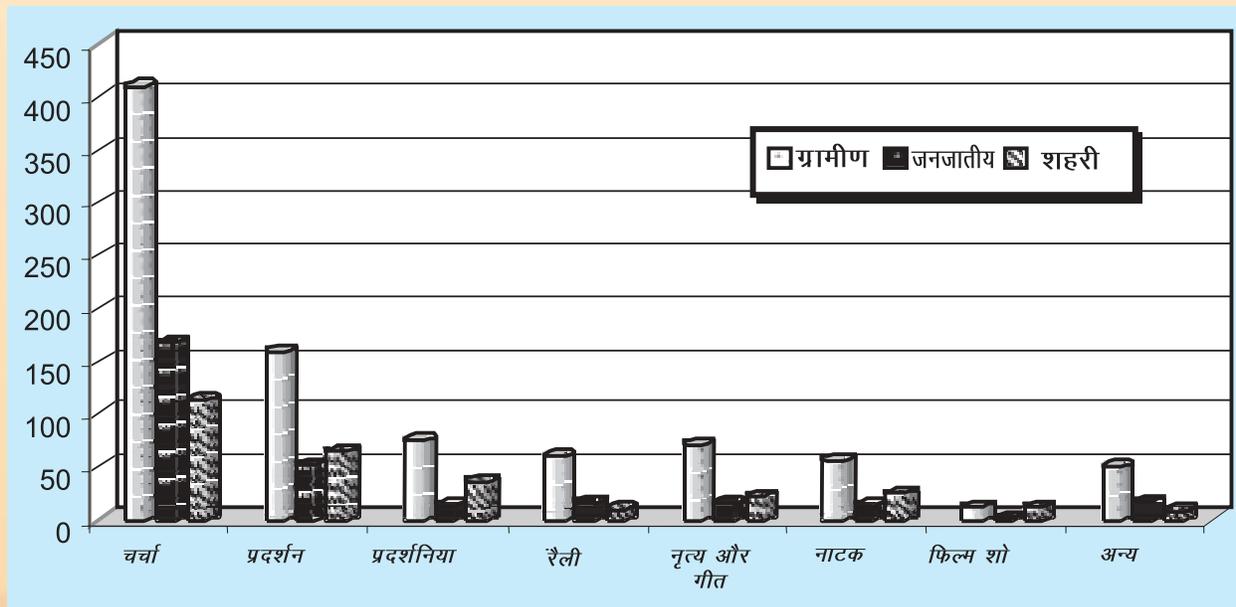
gA fo'kSk vfhk; kuka dh xj&ijEijkr i) fr; ka tS sfd jyh vj ukVdka dk dN vkakuokMh dhnka ea mi; Dr vrjkyka ij iz, kx fd; k x; ka 15&20 efgykva ds I efg dsfy, vkakuokM+ ka ea y?k i k B; De vk; kstr djdsy; vicknh dschp i kskkgj vj LokLF; f'k{kk I nsk I Ei f'kr fd, x, A vkadMha I s; g Hkh irk pyr k gSfd i k jEifjd vj xj&ijEifjd fofek; ka dk i Hkkoh <x I s bLrky ugha fd; k x; ka rkfydk 4-28 ea BvU; P Jskh ds vxrZ] dgkfu; ka ukVd] ykd d Fkk, j dBi rpyh vkfn tS h fofek; ka I fEefyr g ftudk iz, kx 10 ifr'kr vkakuokMh dk; Zrkz/ka }kj k fd; k x; ka ftu vkakuokMh dhnka dk ve; ; u fd; k x; k] muea 'kS{kd vj I pkj I kekuka

ifjokj dsekun.M] efgyk eMyka@Lo; & I dh I efgka dh fofek] xEHkj : i I s d j k f'kr cPpka dh nS kHky vkfn dh FkhA eknk Hkuk gR; k] ngst] i Ruh mRi hMte] fofHkUu R; ksgjka vkfn ds I nek ea ur; vj I xhr dk; De Hkh vk; kstr fd, x, A vu; fofek; ka dk iz, kx U; ure Fkk] tS k fd I kj.kh 4-28 ea ifjyf{kr

dh vR; r deh i kbz xbA nS k k x; k fd vkakuokMh dk; Zrkz/ka }kj k I okfed iz, Dr fofek; ka ea e kS{kd ckrphr dh xbz FkhA

fp= 4-13 ea vkakuokMh dk; Zrkz/ka }kj k i ksk.k vj LokLF; f'k{kk ds fy, iz, Dr fofHkUu i) fr; ka I kekuka dks in'kr fd; k x; k gA

fp= 4-13 % vkakuokMh dk; Zrkz/ka }kj k i ksk.k vj LokLF; f'k{kk ds fy, iz, Dr fofek; ka I keku



4-6-2 fo"K; oLrq

vkæuokM# dk; Þdrkð/ka us i k'sk.k vKj LokLF;] f'k{k k I =ka ds nkj ku muds }kjk doj fd, x, fofHku fo"K; ka ds ckjs ea Hkh crk; ka fo"K; &oLrq dk foorj.k I kj.kh 4-29 ea fn; k x; k gA

I kj.kh 4-29 % i k'sk.k vKj LokLF; f'k{k I =kaal ffevyr fo"K; ¼ ¶; k=748% ½cg&mUkj ½

i k'sk.k vKj LokLF; f'k{k I =ka ea I ffevyr fo"K;	I eðdr cky fodkl I ok ifj; I stuvlædk LFku f'k{k			
	xkeh.k (%)	tutkrh; (%)	'lgjh (%)	tRM+ (%)
ifrj{k.k	381 (83.2)	126 (74.1)	107 (89.2)	614 (82.1)
Lruiku	328 (71.6)	104 (61.2)	92 (76.7)	524 (70.1)
LokLF;] LoPNrk vKj I OkbZ	299 (65.3)	123 (72.4)	45 (79.2)	517 (69.1)
ijd Hkstu	264 (57.6)	96 (56.5)	84 (70.0)	444 (59.4)
dj k'sk.k dh jkdFke	233 (50.9)	98 (57.6)	89 (74.2)	420 (56.1)
ifjokj dk vkdkj I ffer djuk	250 (54.6)	90 (52.9)	77 (64.2)	41.7 (55.7)
isp'k dh jkdFke	230 (50.2)	95 (55.9)	73 (60.8)	398 (53.2)
Ijf{kr is ty	217 (47.4)	89 (52.4)	73 (60.8)	379 (50.7)
LokLF; I fpekkvka dk mi; ksc	210 (45.9)	78 (45.9)	56 (46.7)	344 (46.0)
fodkl ekUHVju dk eglo	196 (42.8)	61 (35.9)	61 (50.8)	318 (42.5)
I kekl; ckV; koLFk chekjh@vR; r'ol u I Øe.k	127 (27.7)	77 (45.3)	58 (48.3)	262 (35.0)
xg fufeR mi plj	141 (30.8)	72 (42.4)	42 (35.0)	255 (34.1)
vU;	79 (17.2)	37 (21.8)	34 (28.3)	150 (20.1)

I kj.kh 4-29 I s Li"V gS fd vkæuokM# dk; Þdrkð/ka us BtkS[ke ds rgrP ekrkva vKj cPpka I s tM\$ eQka ij cy fn; k rFkk efgykvka ¼14&45 o"Kz o vU; ifjokj I nL; ka dks f'k{k i nku

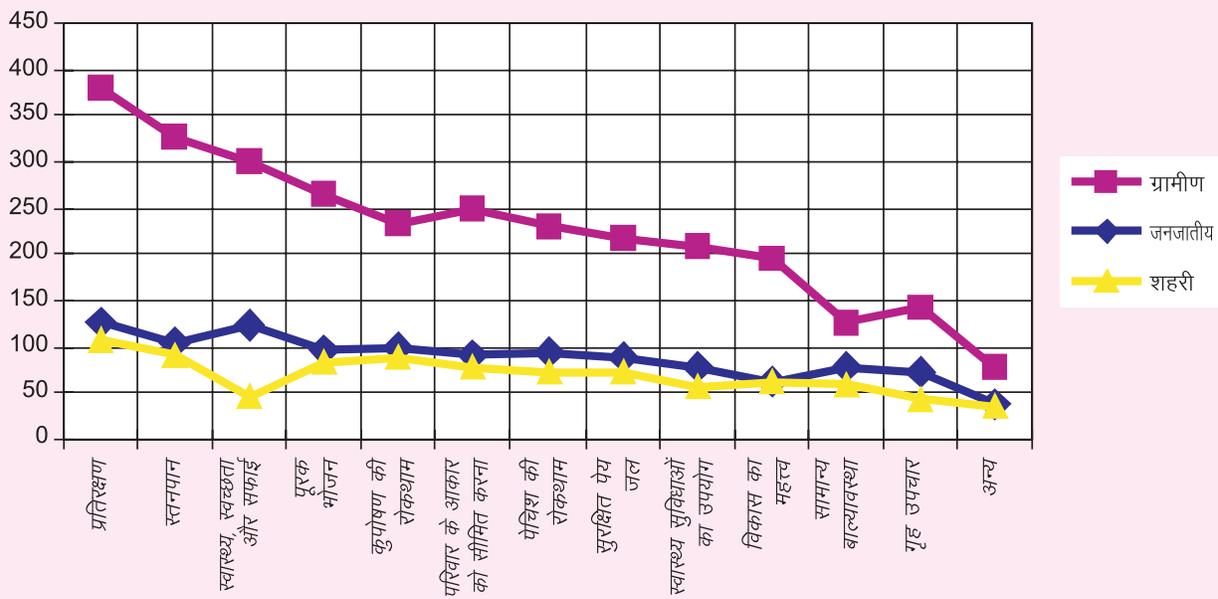
dhA mu ekrkva ij fo'kSk cy fn; k x; k] ftuds cPps dj k'sk.k vKj i k; % chekfj; ka I s ihfM# FkA i k'sk.k vKj LokLF; f'k{k I s ekrkva dks vKkurk] #X.kr vKj dj k'sk.k dh I eL; kvka ij dkwikus ds fy, I eFkZcukuk] tks I kFk&I kFk pyrH gA I epk; ds xjhc vKj detkj ox] cPpka dh nS[kHky djus ea cgrj fLFkr ea FkS tks I eðdr cky fodkl I ok

dk; Øe dsykhk vKj ifj.kke I ækh ve; k; ea ifjyf{kr gA i k'sk.k vKj LokLF; f'k{k dh I Qyrk] ifrj{k.k] Lruiku vKj LokLF; o LoPNrk ds i kRl kgu ea i; kR n"; gS tks vkæuokM# dk; Þdrkð/ka ds fy, fpUrK ds ied[k {k= FkA fn, x, I nSk I jy] I heks vKj I ær irhr gq] tks ekrkva dh t: jrka ij vkekkfjr FkS I gt : i I s ckskxE;] 0; kogkfjd vKj viukusea I jy FkA ; | fi mijÐr I nSk dk I Ei k.k eSMdy vKj v) B&eSMdy LVkQ dh cqu; knh ftEenjh I e>k tkrk gS rFkfi vkæuokM# dk; Þdrkð i; B&skdk cky fodkl ifj; kst uk vfekdKj; ka us vi us nkf; Ro ds Hkx ds : i ea i k'sk.k vKj LokLF; f'k{k vk; kFtr djus ea i; kR : i I s; kxnu fn; ka , d k muds i f'k{k.k] vuq.Fkku vKj LokLF; dk; Þdrkð/ka ds I kFk muds i kjLi fjd I okn ds dkj.k Fkk] ft I us mlga i Hkkoh vKj I kFkð <x I s I UnSk I Ei f"kr djus ds fy, I FTtr fd; ka

i k'sk.k vKj LokLF; f'k{k ds varxR doj gq fofHku fo"K; fp= 4-14 ea n'kz, x, gA



fp= 4-14 % i ksk.k vlsj LokLF; f'k{kk ds vrxr I fefyr fo'k;



4-6-3 i ksk.k vlsj LokLF; f'k{kk vk; kstr djuseal eL; k, a vlsj dfBukb; ka

i fj; kst uk {ks=ka ea vkbz h dk; b;yki ka dks rhoɦdr fd, tkus dh t: jr gA

orɛku vè; ; u dstfj, , df=r vkadMlaI sirk pyrk gšfd i ksk.k vlsj LokLF; f'k{kk ds vk; kstu ea cMla I eL; k efgykva ds ikl I e; kHko crkbz xbz D; kaɖ mlgavi uh vktifodk vftzr djusdsfy, I ɔg I s'kke rd dk; LFky ij jguk iMfK gA bl dk 46 ifr'kr vkakuoMla dk; ɔrkz/ka }kjk mYysk fd; k x; kA yxHkx , d&frgkbl vkakuoMla dk; ɔrkz 1/3-6-9 ifr'kr½ , d h fLFfr ea Hkh ik, x, fd os I kexh@I kekuka dh vuq yCekrk dsdkj .k etc; FkA cky fodkl i fj; kst uk vfeɖkjh }kjk mlga I lykbz fd, x, vFkok if'k{kk ds nlsku ikr gq I keku vkad'kd ugha FkA ; sLFkkuh; @{ks=h; Hk'kk ea Hkh mi yCek ugha FkA fOYek@LykbMla 1yysk dkmka vlsj dBi fy; ka@u@dm ukVolka dk 'kk; n gh iz; kx fd; k x; kA bl ckr dks n[s krs gq] , e, evkj vlsj vkbz evkj ea fLFkjrk I s tMla I eL; kvka ij dkcw i kus ds fy,) cgrj dksV dh I ɔk, a inku djus vlsj jQjy o I kempf; d Hkxhnhkj I s I ctekr I eL; kvka ij dkcw i kus ds fy,) cgrj dksV dh I ɔk, a inku djus vlsj jQjy o I kempf; d Hkxhnhkj I s I ctekr I eL; kvka dk I ekèku djus ds fy, I ešdr cky fodkl I ɔk

; fn ; smik; fd, x,) rks i ksk.k vlsj LokLF; f'k{kk ds ifr ekrkva ds chp #fp ea of) gksch tks vlu; Fk vkakuoMla dk; ɔrkz/ka ds fy, 1/3-5 ifr'kr½ , d I eL; k cu jgh gA vkadMla I s; g Hkh irk pyk fd de f'k{kr vkakuoMla dk; ɔrkz 1/4 kBoha d{kk rd½ i ksk.k vlsj LokLF; f'k{kk vk; kstr djus ds fy, n{krkva I s Hkji ij ugha gA os i ksk.k vlsj LokLF; f'k{kk ds fy, ekrkva dks bdVBk dj I drs gA fdUr q mlga vuq akku ny ds foHku eika ij ekrkva ds I kFk ckrphr djus ds fy, i; ɔfkdka vlsj cky fodkl i fj; kst uk vfeɖkjh; ka vlsj I kFk gh LokLF; dk; ɔrkz/ka dh Hkh enn dh t: j iMfK gA i ksk.k vlsj LokLF; f'k{kk ea n{krkva I s ofpr vkakuoMla dk; ɔrkz/ka 1/4-8-3 ifr'kr½ us if'k{kk dlnka ea inku fd, x, if'k{kk ea vi; kZrrkva dk Hkh mYysk fd; kA , d er ; g 0; Dr fd; k x; k fd ipkj I kexh dk mi ; kx djds I jy vlsj f'k{kk in rFkk i kskkgkj f'k{kk I ns k rš kj djusea vkakuoMla dk; ɔrkz/ka dks I gk; rk rFkk i ksk.k vlsj LokLF; f'k{kk vk; kstr djus ea vkakuoMla dk; ɔrkz/ka dks I gk; rk vlsj ekxh'ku okanr Lrj dk ugha FkA



4-6-4 x'g nk's

vkauokMh dk; Zrkz/ka dks ekrk&fi rk dks fo'kSk : i I svkakuokMh ka ea vkusokys cPpka ds ekrk&fi rk dks f'kf'kr djus ds fy, ?k'ka dk nk's k djuk vi s'kr gS rkd os vi us cPpka dh cgrj <x I s n'kHky dj I da v's ekrk&fi rk dks vi us cPps vkauokMh d'bnka ea Hk's rFk I okvka dk ykH mBkus ds fy, m'ga i fjr dj I da m'ga vkauokMh ka dh I ok, a inku djuse ekrk vka dk I g; kx i kr djuk rFk cPpka dks Hk' I e'ka I scpkuk Hk vko'; d gS rkd os vkauokMh d'bnka dk ykH u mBk i k, A ?k'ka ds nk's ds iz kstu ds ckj sea, d iz u ds m'kj ea vkauokMh dk; Zrkz/ka ds m'kj I kj.kh 4-30 ea n'kz, x, gA

I kj.kh 4-30 %?k'ka ds nk's dk iz kstu ¼ a; k=748½ vkauokMh ka dk d'Fku½ %cg&m'kj½

m'kj ka dh Js kh	I efd r cky fodkl I ok i f; kst ukvka dk LFku			
	x'keh.k %	tutkrh; %	'kgjh %	t'km+ %
d'k'kr cPpka ds ckj sea ekrk&fi rk dks rkd	303 (66.2)	112 (65.9)	10 (83.3)	515 (68.9)
x'k'rh v's Lruiku djkus okyh ekrk vka dks I y'g n'k	413 (90.2)	151 (88.8)	111 (92.5)	675 (90.2)
#X.k cPpka ds ekrk&fi rk dks I y'g n'k	292 (63.8)	117 (68.8)	42 (76.7)	501 (67.0)
cPpka dh fu; fer : i I s vkauokMh d'bnka ea Hk's us ds fy, ekrk&fi rk dks m'rl k'gr djuk	367 (80.1)	126 (74.1)	98 (81.7)	591 (79.0)
I k'ftd nk's	223 (48.7)	50 (29.4)	63 (52.5)	336 (44.9)
v/;	68 (14.8)	28 (16.5)	23 (19.2)	119 (15.9)

I o'k.k I s igys vkauokMh dk; Zrkz/ka us, d ekl ea v's ru 414 i f'okj ka dk nk's k fd; ka ; g m'kj rc i kr g'k tc vkauokMh dk; Zrkz/ka l svu' akku ny ds nk's ds ekl I sigys m'gka us fdrus nk's fd, FkA ; g i k; k x; k fd i f'okj ka dk nk's k djus dh v's r I a; k 'kgjh i f; kst ukvka rds I cl s v'kd ¼-67 i f'okj ½ Fkh] t'cd tutkrh; i f'okj ka ds nk's ds dh I a; k 43-1 i f'okj Fkh] t'cd tutkrh; i f'okj ka ds nk's ds dh I a; k 43-1 i f'okj Fkha bu nk's ka dk I e'p;

, d ekl ea 42-6 i f'okj Fkha ?k'ka ds nk's ds iz kstu ds ckj sea i n's tkus i j v'kd k vkauokMh dk; Zrkz/ka ¼0-2 i fr'kr½ us crk; k fd x'k'rh efgykvka v's Lruiku djkus okyh ekrk vka dk t'N i a'hdj.k v's n'kHky mudh I cl scMh ftEenkh Fkha D; k'cd bl I s f'k'ka/ka dh cgrj m'kj t'fork v's I j'k.k I fuf'pr g'rk gSft I svkz, evkj ea v's d'v's h g'k'ha ?k'ka ds nk's dk, d v's egroi w'z iz kstu vkauokMh d'bnka ea Hk'x y'us ea fu; ferrk v's I k'k gh I e; dh i k'nh I fuf'pr djuk gS t'k'k'x y'us ea fu; ferrk v's I k'k gh i k'nh I fuf'pr djuk gS t'k'gsvk'auokMh d'bnka dh I okvka ds ykH ds ckj sea ekrk&fi rk dks i fjr v's vk'oLr djus I s gh I fuf'pr g'k I drk gA y'k'k'x bruh gh i fr'krk ea ¼68-9 i fr'kr½ vkauokMh dk; Zrkz/ka us d'k'kr cPpka dh n'kHky djus ea ekrk&fi rk dh ftEenkh dks cgrj <x I s I e>us v's chekj cPpka dks v'Li ky ys tkus v's mudh i k'k'g'k I e'kh vko'; drk vka dks i jk djus ds fy, Hk'ouk t'kr djus ds fy, fd, A vkauokMh dk; Zrkz/ka ¼44-9 i fr'kr½ us i k; k fd I k'ftd nk's ka ds t'f, ekrk vka ds I k'k rkyes djuk v's I epk; dk I g; kx i kr djuk mi; k'xh j'gr gA bu vkauokMh dk; Zrkz/ka us i f'okj ka v's I epk; ds I k'k viuh I gh t'ku i g'pku dk; e djus ds fy, I epk; ea fookg] t'le fnu I e'k'g'k' e'k'f'ed m'rl oka ea Hk' Hk'x fy; ka

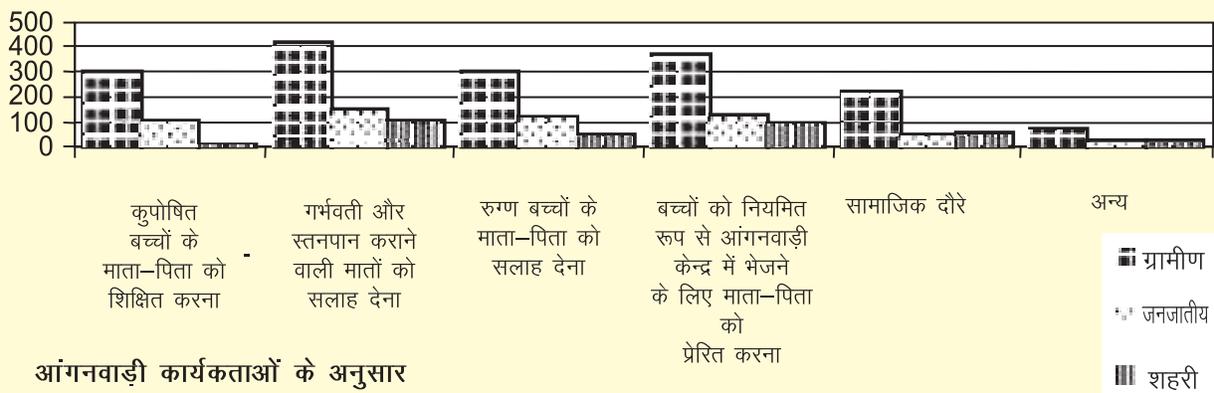
fp= 4-15 e' vkauokMh dk; Zrkz/ka }k'k crk, vu' kj ?k'ka ds nk's ka ds fo'k'ku iz kstuka dk Hk' fp=.k fd; k x; k gA

vkauokMh dk; Zrkz/ka dks ?k'ka dk nk's k djus ea i s'k v'kz I eL; kvka d'f' Bukb; ka dks I kj.kh 4-31 ea i z'q' fd; k x; k gA

rky'dk 4-31 I s i r'k pyr'k gSfd vkauokMh dk; Zrkz/ka }k'k crk, vu' kj N% I eL; kvka ea l srhu I h'k'gh ekrk&fi rk I s t'v' gA I eL; kvka dh i gyh n's



fp= 4-15 % ?kja ds nkjka dk iz kstu



J&.k; ka ea crk, x, dkj .k Fk% Betnijh djus ds fy, ?kj I s ckgj jgukb vj Bcd e; ?kj vkukA mlUhl i fr'kr vkakuokMh dk; ZrkZ/ka us ik; k fd ekrk&fi rk vi us cPka ds dY; k.k ds ckjs ea cgr de fparr Fk ftl dk dkj .k fuj {kjrk vj jhr&fjoktka dk i Hkko} fo'okl vj vlek fo'okl dk gskuk Fk vFkok os vi uh vkt hfodk dekus ds fy, vfedd pflurr FkA ?kja dk nkjk djus ea ?kja dk vyx&vyx gskuk , d xEHkj I eL; k Fkhj D; khd vkakuokMh dk; ZrkZ , d s ?kja ea jgusokysykhkFkZ, kads i fjokjka dk nkjk djus ds I e;

ekrk&fi rk dh mi y&ekrk dsckjseal nk gh vfuf'prrk dh fLFkr ea jgrs Fks D; khd vkakuokMh dk; ZrkZ I efd r cky fodkl I ok ds vykok vU; dk; Zdyki ka ea Hkh yxs gks Fk bl fy, mlUgus ?kja ds nkjs ds I e; ekrk&fi rk I s I Ei dZ djus ds fy, I e; kHko 110-7 i fr'kr 1/2 crk; ka vU; dk; Z o) koLFkk@foekok i d ku] I ok.k dk; Z vkfn I s I Ec) FkA

ckj Mk; xke 1/2 fp= 4-16 1/2 I s ?kja dk nkjk djus ds nkjk ku vkakuokMh dk; ZrkZ/ka dks i s k vkbZ foHkUu I eL; kvka dk Hkh irk pyrka gA

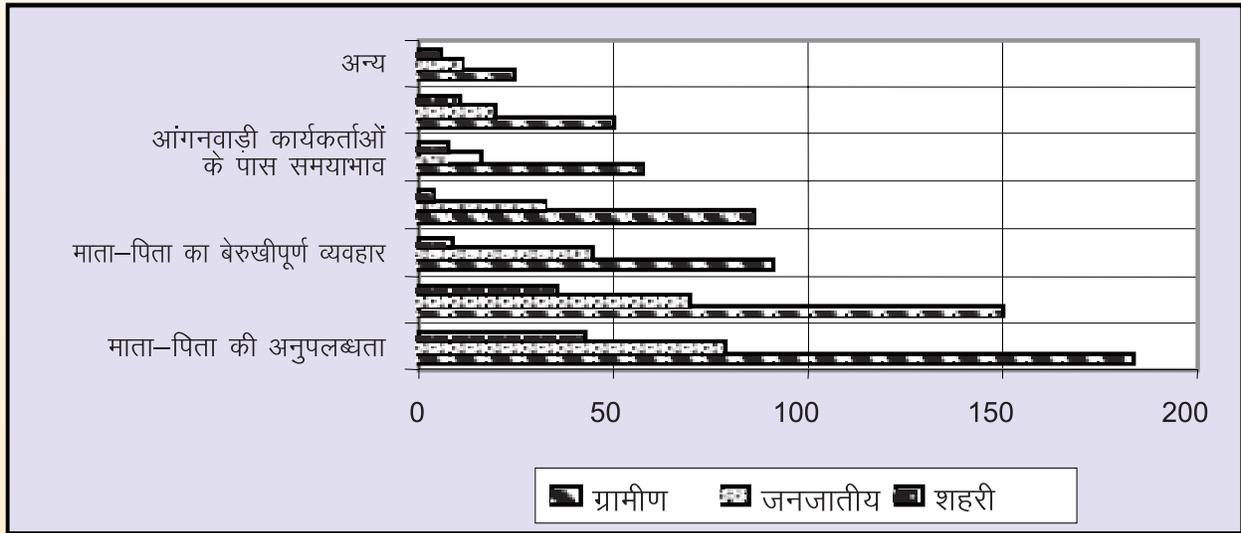
I kj .kh 4-31% vkakuokMh dk; ZrkZ/ka dks ?kja dk nkjk djus ea 4-7 jQjy I ok, a i s k vkbZ I eL; k, a 1/4 d; k=748 1/2

v/cg&mlkj 1/2

Mukjnrkvka dh Jsh	I efd r cky fodkl I ok i fj; kst ukvka dk LFku			
	xeh.k (%)	tutkrh; (%)	*lgjh (%)	tkM+ (%)
ekrk&fi rk dh vuq yC/krk	183 (40.4)	79 (46.5)	43 (35.8)	305 (40.8)
ekrk&fi rk ds ikl I e; kHko	150 (32.8)	69 (40.6)	35 (29.2)	254 (34.0)
ekrk&fi rk dk mnk hurki wZ0; ogkj	91 (19.9)	44 (25.9)	8 (6.7)	143 (19.1)
?kja dk vyx&fyx fLFkr gskuk	86 (18.8)	32 (18.8)	4 (3.3)	122 (16.3)
vkakuokMh dk; ZrkZ/ka d ikl I e; kHko	57 (12.4)	16 (9.4)	7 (5.8)	80 (10.7)
i fjokj ds cqt; qk }kj vlg; kx	50 (10.9)	19 (11.2)	10 (8.3)	79 (10.6)
vU;	24 (5.2)	11 (6.5)	6 (5.0)	41 (5.5)

BtkS [ke ds rgrb ds: i ea vHkkr cPka dk i athj.k , d vyx jftLVj ea djuk gsrk gS vj mudk otu cMh I koekkuhi wZ rFk e; ku I s djuk gsrk gA I epr bykt vj I e; ij i frj {k.k ds okLrs mlga I gk; d ul Z feMokBQ@ih- , p-, u-@MkDVj dks jQj djus dh Hkh t: jr gsrh gA vkakuokMh dk; ZrkZ/ka@ I gk; d ul Z feMokBQ dks muds ?kja dk fu; fer : i I s nkjk djuk gsrk gS rkd bl Jsh dks ekrkvka dks fo'kSk Hkstu o ns[kjS k dh t: jr ds ckjs ea crk; k vj I ykg nh tk I dA , d s cPka dks MkDVj

fp= 4-16 % ?kja dk nksk vk; kft r djus ea l eL; k, a



dh I ykg ij jkxgj [kjk d Hkh nh tkrh FkA jQjy I ok dk mIs; mi; Dr Lrj dh efdy nq kHky dh 0; oLFk djuk gA ftu xHkbrh efgykvka vksj cPpka ds fy, fo'kSk mipkj dh t: jr gkrh Fkh] mlga vkauokMh dk; Zrk@l gk; d ul ZfeMokBQ@ efgyk LokLF; foftVj@ ih-, p-, u- }jkk i kFkfed LokLF; dlnz@ l kmpkf; d LokLF; dlnz dks jQj fd; k tkrk gA 94 ifr'kr vkauokMh dk; ZrkZ/kaus crk; k fd os tkf[ke ds rgr cPpka@ekrkvka dks mijDr I kFkfed dks jQj djrs FkA I kj.kh 4-32 ea vkauokMh dk; ZrkZ/ka }jkk jQjy ds l rka ds l ak ea fLFkr n'kkbz xbz gA

rkydk 4-32 I sirk pyrk gSfd cMh I ; k ea vkauokMh dk; ZrkZ/ka us ekeyka dks mu i kFkfed

I kj.kh 432 %jQjy I okvka ds rhu n'kd& d eL; ka du a=748%

ifr'kr vkauokMh dk LFku	jQjy I kr				
	ikFkfed LokLF; dlnz (%)	mi & vLirky (%)	ftyk vLirky (%)	futh (%)	vl; (%)
xteh.k	291 (63.5)	79 (17.2)	26 (5.7)	9 (2.0)	17 (3.7)
tutkrh;	114 (67.1)	33 (19.4)	11 (6.5)	0 (0.0)	3 (1.8)
'kgjh	42 (35.0)	14 (11.7)	44 (36.7)	3 (2.5)	13 (10.8)
tkM+	447 (59.8)	126 (16.8)	81 (10.8)	12 (1.6)	33 (4.4)

LokLF; dlnz dks jQj fd; k] tksfudVre njh ij Fks vksj tgka tkuk vkl ku FkA bl I ok l s l ekr ykHkFkZ; knkrj xteh.k 1/3-5 ifr'kr 1/2 vksj tutkrh; 1/6-1 ifr'kr 1/2 I efdr cky fodkl I ok l s FkA ykHkFkZ; ka dks mi & dlnz dks Hkh 1/4-8 ifr'kr 1/2 jQj fd; k tkrk FkA I anHkZkhu I kj.kh l s; g Hkh Li "V gS fd ftyk vLirky dh I foekk dk vfedka kr%mi; kx 'kgjh ifj; kst ukvka 1/3-7 ifr'kr 1/2 ds vkauokMh dk; ZrkZ/ka }jkk fd; k x; kA vl; nks fdLe dh ifj; kst ukvka ds vkauokMh dk; ZrkZ yEch njh dh ; k=k djus vksj ?kj I snij ykHkFkZ; ka dh nq kHky ea gkus okys [kpZ rFk ekukHko ds dkj.k] T; knk ykHk ughamBk I dA dN vkauokMh dk; ZrkZ/ka us; g Hkh crk; k fd mlga ykHkFkZ; ka dks jQjy I ok, a inku djus ea dHk&dHk l eL; kvka dk I keuk djuk iMek FkA vkauokMh dk; ZrkZ/ka }jkk crk, vuq kj i ed[k dkj.kka dk mYy[k I kj.kh 4-33 ea fd; k x; k gA

; g I fuf'pr djus ds fy, fd I efdr cky fodkl I ok ds vrxZ LokLF; I okvka l s bl ds y{; I ekgka dks b"Vre ykHk igp} I efdr cky fodkl I ok ds eke; e l s inku dh tkus okyh jQjy

I kj.kh 4-33 %jQjy I ok, a inku djusea vka uokMh dk; ZrkZ/ka dks išk vkus okyh I eL; k, a vka uokMh dk; ZrkZ/ka dk dFku% a=748% %cg&mlkj %

išk vkbZ I eL; kvka@ dFbuk; ka dh izfr	I ešdr cky fodkl I ok ij; kst ukvka dk LFku			
	xeLk.k (%)	tutkrh; (%)	'lgjh (%)	tkM+ (%)
cPpka dks vLirky ys tkus ekrk&firk dh f>>d	108 (23.6)	63 (37.1)	26 (21.7)	197 (26.3)
ifjogu I eL; k	116 (25.3)	67 (39.4)	10 (8.3)	193 (25.8)
ikFked LokLF; dšnz@ I kožt fud LokLF; dšnz dk njih ij fLFkr gksuk	108 (23.6)	50 (29.4)	16 (13.3)	174 (23.3)
ikFked LokLF; dšnz@ I kožt fud LokLF; dšnz mi dšnz eav/šf; lech vui yčark vLirky eayčh drkj	84 (18.3)	33 (19.4)	18 (15.0)	135 (18.0)
jQjy ekeyka eackn dh dk; Dgh dh dkbZ i) fr ugha	61 (13.3)	26 (15.3)	37 (30.8)	124 (16.6)
jQjy ekeyka eackn dh dk; Dgh dh dkbZ i) fr ugha	56 (12.2)	30 (17.6)	23 (19.2)	109 (14.6)
jQjy i piž dks Lokdkj u fd; k tkuk	49 (10.7)	19 (11.2)	27 (22.5)	95 (12.7)
ikFked LokLF; dšnz@ mi dšnz eav/šf; lech vui yčark	27 (5.9)	10 (5.9)	5 (4.2)	42 (5.6)
vli;	27 (5.9)	10 (5.9)	5 (4.2)	42 (5.6)

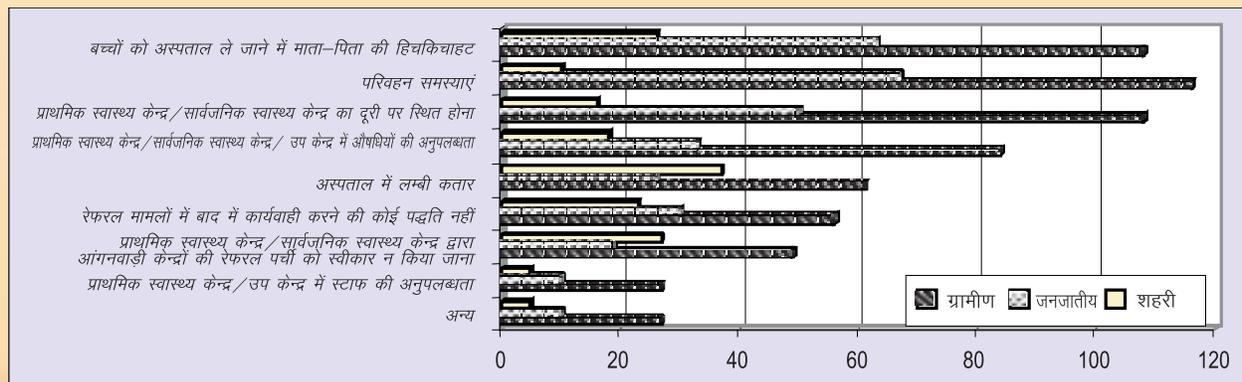
I sekr&firk U; ure ifjogu ykx ogu djus ea Hkh vl eFkz FkA I kj.kh 4-33 I s irk pyr k gšfd jQjy I ok inku djus ea vka uokMh dk; ZrkZ/ka dks išk vkus okyh fofHku I eL; kvka ea I cl s cMh I eL; kvka ea dN I fefyr g% cPpka dks vLirky ys tkus ea ekrk&firk dh fgpfdpkgV 126-3 ifr'kr% ikFked LokLF; dšnz@ I kožt fud LokLF; dšnz dk njih ij fLFkr gksuk 125-8 ifr'kr% vka uokMh dk; ZrkZ/ka }kjk crkbZ xbZ vL; cMh I eL; kvka dk ifr'kr 12 vL; 18 ds chp Fkk fdUr q cPpka vL; ekrk vka dks cpkus ds fy, mudk I ekkku djuk egŁoi wLz gA ; g I Hko gks I drk gS ; fn vksšf; ka vL; ifjogu dh ykx ogu djus ds fy, vka uokMh dk; ZrkZ/ka dks i; kI r foLkh;

I okvka dks I pk# <x I spyk; k tkuk pkfg, A jQjy ekeyka ds I Fk Mhy djus ds fy, dkbZ [kkI fnu vFkok I e; fuf'pr djus ds I eak ea dkbZ ekun. M fuèkZ jr ugha fd, x, gA vka dMh I dyu ds nšku nškk x; k fd jkxg [kjkd dk i; kI r Hk. Mkj ; k rks j [kk ugha x; k Fkk ; k xškhj : i I sdq kš'kr cPpka dk mi pkj djus ds fy, mi yčèk ugha dj; k x; k FkA ; g Hkh irk pyr fd t: jren cPpka vL; ekrk vka ds fy, ifjogu I eokk, a mi yčèk djkus ds fy, i pk; r jkt I šFk vka I s vPNh i frfØ; k dk vHko FkA cgr

i koekku mi yčèk dj; k fn, tk, A ešMdy dk; ZrkZ/ka dh vui yčèk dh i fr'kr I cl s de 15-6 i fr'kr% gA rFkfi] ekeyka dks jQj djuk vL; ykHkFk; ka dks jQj fd, x, vLirky ea tkus ds fy, ifj djus ds fy, ; g vka uokMh dk; ZrkZ/ka ds fy, ik; % , d eukškfud èkèk ds : i ea dk; Z djrk gA

fp= 4-17 ea jQjy I ok, a inku djus ea vka uokMh dk; ZrkZ/ka dks išk vkus okyh fofHku I eL; k, a Hkh n'kkbZ xbZ gA

fp= 4-17 %jQjy I ok, a inku djus ea vka uokMh dk; ZrkZ/ka dks vkus okyh I eL; k, a



4-7-1 fd'kkfj; ka

I efdr cky fodkl I ok dk; Døe ds varxZ vi uh I okvka ds {k=kfekdkj ds vanj vkusokyh fd'kkfj; ka dks 'kkfey djus dh ifjdYi uk dh xbz gA fd'kkfj; ka dks fy, I a kfekr Ldhe Hkh I efdr cky fodkl I ok ifj; kst ukvka epfjnk vkauokMh d bñk ds tfj, I pkfyr dh tkrh gA ueuk I efdr cky fodkl I ok ifj; kst ukvka ep 44 ifr'kr vkauokMh dk; ZrkZ 1992 dh fd'kkfj ckydk Ldhe 1/2 fd'kkfj 'kDr ; kst uk 1/2 ds varxZ Hkh I ok, a inku dj jgs FkA mijkDr Ldhe ds varxZ vkauokMh d bñk }kjk fd'kkfj; ka dks inku dh tkusokyh I ok, a I kj.kh 4-34 ea iZnr gA

I kj.kh 4-34 % fd'kkfj 'kDr ; kst uk ds varxZ fd'kkfj yMfd; ka dks inuk I ok, a

fd'kkfj yMfd; ka dks inku dh tkusokyh I okvka dh fdLe	fd'kkfj 'kDr ; kst uk dk LFku vkj i cak			
	xeik.k (%)	tutkrh; (%)	'kgh (%)	TKM+ (%)
vkj vkj Qkfyd , fl M xkfy; ka	160 (34.9)	56 (32.9)	25 (20.8)	241 (32.2)
ij d i kkkkj dh vki frZ	145 (31.7)	54 (31.8)	31 (25.8)	230 (30.7)
ikfjokjd thou f'kk	124 (27.1)	43 (25.3)	32 (26.7)	19 (26.6)
ifrj{k.k	111 (24.2)	35 (20.6)	25 (20.8)	171 (22.9)
LokLF; tkp	119 (26.0)	26 (15.3)	21 (17.5)	166 (22.2)
ijke'kZ	96 (21.0)	37 (21.8)	27 (22.5)	160 (21.4)
dfe ekjus dh xkfy; ka	76 (16.6)	31 (18.2)	16 (13.3)	123 (16.4)
Nk/h&ek/h chekfj; ka dk mi pkj	55 (12.0)	13 (7.6)	9 (7.5)	77 (10.3)
jQjy I ok, a	50 (10.9)	13 (7.6)	10 (8.3)	73 (9.8)
vli;	24 (5.2)	12 (7.1)	8 (6.7)	44 (5.9)

rkfydk 4-34 eafn, x, vkauokMh I sir k pyr k gsf d vkauokMh dk; ZrkZ fd'kkfj; ka dks jst kuk xkfyh inku djrs Fks& 60 feyhkte vkj vkj 0-5 feyhkte Qkfyd , fl M okyh , d xkfyh vkj vkj Qkfyd , fl M dhA ; g xkfyh fu; fer [ki r dsfy, 100 fnu rd nsuh gkrh gA crk; k x; k fd vkauokMh dk; ZrkZ

vkj I gk; d ul ZfeMokbQ bu xkfy; ka dks I ou vkj vyx&vyx yMfd; ka ds LokLF; ij buds I Hkkfor ifrdny i Hkko dk ekWhVju Hkh dj jgs FkA vkauokMh dk; ZrkZ/ka ds vuq kj vkauokM+ ka ea i at h d r fd'kkfj; ka dks ij d i kkkkj Hkh ikr geyk 1/30-7 ifr'kr 1/2 vkauokM+ ka ea inku dh tkusokyh I okvka dk LFkk; h i Hkko I qf'fpr djus ds mis; I s 27 ifr'kr vkauokMh dk; ZrkZ/ka }kjk ikfjokjd thou f'kk dk dk; Døe vk; kstr fd; k x; k FkA vkauokMh dk; ZrkZ/ka }kjk 'kkfey fd, x, fo"k; ka ea l ffe fyr Fk% fookg dh mfpr vk; j; k buko LFkk ds nkj ku ns[kHkky] oS fDr d LokLF; vkj LopNrkj tYn xHkkekj.k ds [krj} eu% kekftd fodkl] thou pØ n"Vdksk vkfnA yxHkx bruh gh ifr'kr rk 1/22-2 ifr'kr 1/2 ea vkauokMh dk; ZrkZ/ka us LokLF; tkp ij vkj bl vk; q l s t M r Fk JSB I e gka vkj ifjokj ds vanj I ek; kst u {kerkvka ds eq ka ij ijke'kZ nsus ij Hkh cy fn; kA vkauokMh dk; ZrkZ/ka vkj I gk; d ul ZfeMokbQ ka us i k'k.k vkj LokLF; f'kk r Fkk vyx&vyx vk; kstr l =ka ea Hkh bu yMfd; ka dks I a Ør : i I sijke'kZ inku fd; ka inku dh xbz vlu; I ok, a iZfr I s ifjekh; Fkh tS k fd I kj.kh I s Li"V gA

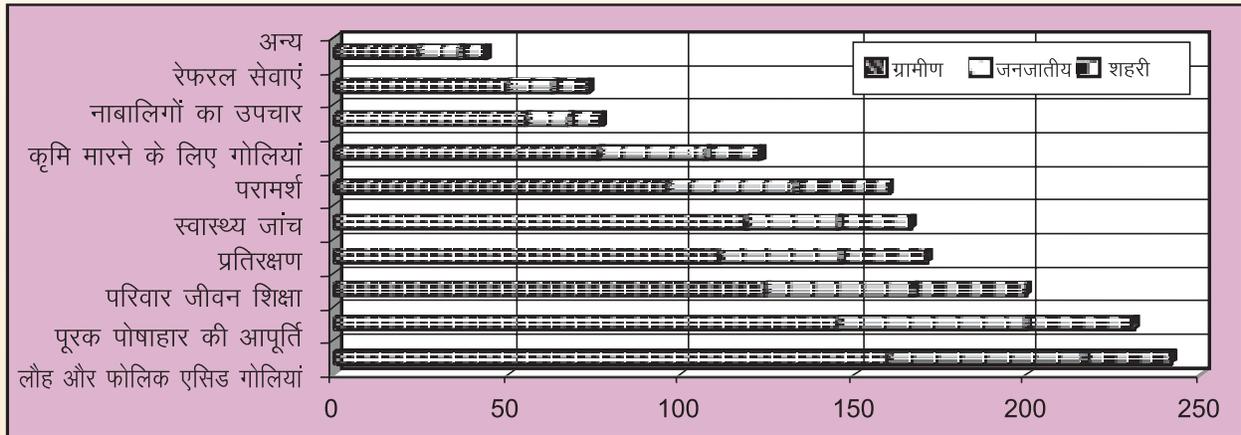
vkauokMh dk; ZrkZ/ka }kjk crk, vuq kj fd'kkfj 'kDr ; kst uk ds varxZ fd'kkfj; ka dks inku dh xbz fo fHku I ok, a fp= 4-18 ea n'kkbz xbz gA

4-7-2 vkauokMh dk; ZrkZ/ka dks I gk; rk vkj I efku

fd'kkfj; ka }kjk I epk; ea I okvka ds i k r I kgu ea vkauokMh dk; ZrkZ/ka dks I gk; rk inku djuk r Fk vkauokM+ ka dh I ok ds cgrj dojst vkj mi ; kx ea vkauokMh dk; ZrkZ/ka dks I gk; rk inku djds bu I okvka dks I q i <+cukuk FkA vkks vkauokMh



fp= 4-18 % fd'k'gh 'kDr ; kst uk ds vrxzr fd'k'fj ; ka dks I dk, a



dk; Zrkz/ka 149-6 ifr'kr 1/2 uscrk; k fd fd'k'fj ; ka us vkxuokMh d'bnka ea dk; Zdyki vk; kstr djus ea I gk; rk inku dhA fd'k'fj ; ka us vkxuokMh dk; Zdyki ka ea ftu {k=ka ea vkxuokMh dk; Zrkz/ka dh I gk; rk vls I efkZ fd; k] mudk fo'ySk.k fd; k x; k rFkk ifj.kke I kj.kh 4-35 ea n'kz, x, gA

I kj.kh 4-35 ea ik; k x; k gS fd yxHkx 40 ifr'kr vkxuokMh dk; Zrkz/ka dks ckg; [ksy vk; kstr djus ea cPpka dks bdVBk dju\$ fu; fer : i I smudh miLFkfr I quf'pr dju\$ ekrkvka dh cBd'v; kstr dju\$ xhr xku\$ dgkuh I ukus vkfn ea I gk; rk iklr gP'A ifj; kst uk ds I Hkh LFkkuka ij I gk; rk dh iDfuk I eku ifr'krk eaFkha vkxuokMh

I kj.kh 4-35 % vkxuokMh dk; Zrkz/ka dks fd'k'fj ; ka I s iklr I gk; rk 1/2 vkxuokMh dk; Zrkz/ka ds vuq kj 1/2 d; k=748 1/2 %cg&mUkj 1/2

osenaftueal gk; rk inku dh xbZ	fd'k'gh 'kDr ; kst uk dL LFku vls izak			
	xteh.k (%)	tutlrh, (%)	'kqjh (%)	tkM+ (%)
Ldny&iwZdk; Zdyki	174 (38.0)	63 (37.1)	56 (46.7)	293 (39.2)
ifrj{k.k gP'q cPpka dks bd'ek djuk	174 (38.0)	65 (38.2)	47 (39.2)	286 (38.2)
ij d iSkkgkj rS kj vls forfjr djuk	142 (31.0)	56 (32.9)	41 (34.2)	239 (32.0)
iSk.k vls LokLF; f'k'kk	110 (24.0)	39 (22.9)	28 (23.3)	177 (23.7)
I kelftd&ekfeZ dk; Ze vk; kstr djuk	102 (22.3)	27 (15.9)	29 (24.2)	158 (21.1)
vU;	43 (9.4)	18 (10.6)	6 (5.0)	67 (9.0)

dk; Zrkz/ka dks iS k vkbZ I cl scMh p'ukS'h I Hkh ik= cPpka ds ifrj{k.k vls ifrj{k.k okys fnu mudh miLFkfr I quf'pr djus dh Fkha I Hkh ik= cPpka dks ifrj{k.k LFky rd ykus vls ckn ea mUga iwkr% ifrj{k'kr djus ds dk; Zea fd'k'fj ; ka ojnku fl) gP'A vkxuokMh dk; Zrkz/ka 18-2 ifr'kr 1/2 dks ifrj{k.k dk y{; ij k djus ea yMfd; ka I s I Qyrki wZ I gk; rk iklr gP'A , d vU; dk; Zdyki] ftI ea fd'k'fj ; ka I s i; kZr I gk; rk vls I efkZ iklr gP'k] og ij d iSkkgkj rS kj vls forfjr djus dk Fkha vkxuokMh dk; Zrkz/ka 18-0 ifr'kr 1/2 usmudh I d'k'ka dk mi ; kx d'q k'kr cPpka dks [kkuk f[kyus] [kus dh c'cknh dks jkus ds fy, [kkuk f[kyus ds nkS ku cPpka dh nS[kHky djus rFkk crZka dh I QkbZ djus ds fy, fd; ka bu I Hkh ds vyk] mUgk'us xHk'rh efgykva vls Lruiku djus okyh ekrkvka vls rhu o'kZ I s de vk; q ds cPpka ds fy, pviu&vius ?kj [kkuk ys tku\$ ds dke ea Hkh enn dhA fd'k'fj ; ka }kjk inku dh xbZ, d vU; mYys[kuh; I gk; rk iSk.k vls LokLF; f'k'kk I =ka ds fy, ekrkvka dks bdVBk djus vls [khl f[kyus dh iFkk, avi uku\$ v) &Bkd [kkuk i k'k dju\$ Vh-Vh- ifrj{k.k vls uotkr dk ote djus ds cks ea tkx: drk iSk djus ds

fy, vkxuokMh dk; ZrkZ/ka ds I kFk ?kja dk nksj vk; kFtr djus ds {ks= eaFkha vkxuokMh dk; ZrkZ/ka ds ikpoa fgLI sI s dN vfed 1/21-1 ifr'kr 1/2 usbu yMfd; ka dks ekrkvka ds I kFk feydj LFkkuh; mRI o vk; kFtr djus ea vksj xhr xkus uR;] vkxuokMh dlnka dh I Ttk dju\$ est dqi z ka nfj; ka bdek djus vkfn ds dke ea 'kkfey fd; kA vuq akku ny us ik; k fd fd'kksj; ka I okvka dk ykHk mBkus ds fy, ykHkFkz; ka dh cgrj mi fLFkr I quf'pr djus ea I efkz Fkh rFkk Bvui ggs rd igpub ds fy, vPNh I gk; d Fkha vkxuokMh dk; ZrkZ/ka us fd'kksj; ka I sikr gPZl gk; rk dh otg I svkxuokMh dlnka ds ifr I dkjRed # [k i shk gkus vksj mi fLFkr ea mYys[kuh; I akkj gkus dk Hkh mYys[k fd; kA

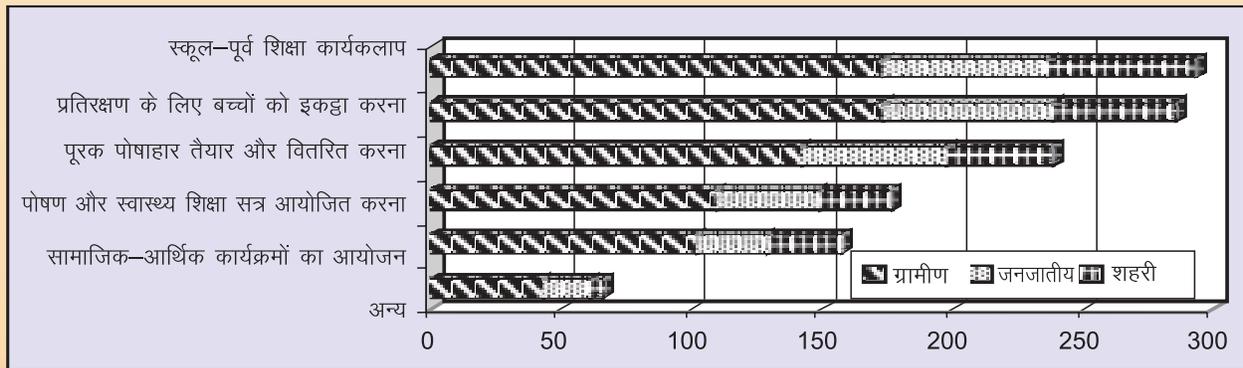
fp= 4-19 ea I gk; rk dh mu fdLeka dks n'kz; k x; k g\$ tks vkxuokMh dlnka ds dk; Zyki ka ea fd'kksj; ka us inku dhA

4-8 I kjkak

orZku ve; ; u ds vkxokMh I sirk pyk fd 80 ifr'kr ifj; kstuvka e\$ vkxuokMh dlnka ea i kskkgkj dh 0; oLFkk djus dk I kr jkT; I jdkj Fkha , d , d h Hkh i dFk fn [kkbznh] ftI ds rgr xte i pk; r@Lo; a I oh I ewg ykHkFkz; ka dks i dk g\$vk [kkuk ijkl rs FkA ; g ik; k x; k fd x\$& I jdkjh

I xBuka }kjk I pkfyr dN ifj; kstuvka e\$ [kkuk mi ycek djkus okys I afekr x\$& I jdkjh I xBu us vi usLo; ads I kr t\$& A 42 ifr'kr vkxuokMh ka us [kk | dh dPph ena i kr dh] ftUga vkxuokMh dlnka ea i dk; k@r\$ kj fd; k x; k rFkk cPpka dks ijkl k x; kA B [kkus ds fy, r\$ kj 1/4kj VhbZ\$ [kkuk I Hkh fdLe dh ifj; kstuvka ea mi ycek dj; k x; k] I cl svfed 'kgjh ifj; kstuvka dh vkxuokMh ka ea 1/45-8 ifr'kr 1/4 ml ds ckn xkeh.k 1/33-6 ifr'kr 1/2 dk vksj tutkrh; ifj; kstuvka 1/23-5 ifr'kr 1/2 dk LFkku FkA ; g tkuuk , d I q [kn ckr g\$fd 46 ifr'kr vkxuokMh dlnka 1/4 xkeh.k & 47-6 ifr'kr] tutkrh; & 38-2 ifr'kr vksj 'kgjh & 50-8 ifr'kr 1/2 ea i kskkgkj I akVdka dh vki firZ dh n'v I s dkbZ0; oekku ugha i gpkA fdUrqi ; kr I q; k ea vkxuokMh dlnka 1/52-9 ifr'kr 1/2 us 0; oekku dh ckr crkbA ij d i kskkgkj ds 0; oekku dh , d fujk'kk tud fLFkr fu; fer I efdr cky fodkl I ok ifj; kstuvka 1/4 vksj r 46-31 fnu 1/2 ea i kbZ xbZ ftI ij fo'k\$ e; ku nus dh t: jr g\$ ftu 88 ifr'kr ifj; kstuvka ds 0; oekku vksj ij d i kskkgkj dh vki firZ ea njh dk I keuk djuk i M\$, d h ?kVuk dk , d e\$; dkj.k crk; k x; kA egUoi wq; ; | fi ux.; ifr'kr 1/6-3 ifr'kr 1/2 ea crk; k x; k fd dN ifj; kstuvka ea [kjk [kkus dh ena I lykbZ dh xbZ ftI dh otg I s fLFkr I s I koekkuhi oZ fui Vus dh t: jr g\$

fp= 4-19 % vkxuokMh dlnka ds dk; Zyki ka ea fd'kksj; ka dh I gk; rk



crk; k x; k fd ifjogu I eL; k ¼18-4 ifr'kr½ vksj
ekš e fLFkr ¼6-3 ifr'kr½ Hkh 0; oekku ds dkj .k FkA

vkauokMh dšnka ea fji kšZ djus okyh 13]750
efgykvka ea I s 6]526 xHkžrh efgyk, a iathdr Fkh
ftuea I s 5696 xHkžrh efgyk, a ykHk ikr dj jgh
FkA xHkžrh efgykvka dk dojst fu; fer I ešdr
cky fodkl I ok ifj; ktukvka ea ¼61-8 ifr'kr½
tutkrh; vkauokMh dšnka ea vksj xš&l jdkjh I xBuka
}kjk I pkfyr I ešdr cky fodkl ifj; kstukka
¼58-3 ifr'kr½ ea vfedre ik; k x; kA vè; ; u I s
mHkjk I okžekd #fpdj fu"d"lž xš&l jdkjh I xBuka
}kjk I pkfyr I ešdr cky fodkl I ok ifj; kstukvka
dk FkA irk pyk fd tutkrh; vksj 'kgjh {ks=ka ea
'kr&ifr'kr ufl ž ekrk, a ykHk ikr dj jgh FkA
tcfđ xteh.k {ks=ka ea; g ifr'kr 75-6 FkA fu; fer
I ešdr cky fodkl I ok ifj; kstukvka vksj fo'o cšđ
I ešdr cky fodkl I ok ifj; kstukvka ea Hkh ijđ
i kškkkj ikr djus okyh ufl ž ekrkvka dh I ž; k
tutkrh; {ks=ka ea vR; fekd i kbž xbž ¼0e'k% 91-7
ifr'kr vksj 99-6 ifr'kr¼A I ešdr cky fodkl
I ok ifj; kstukvka dh I Hkh Jš.k; ka ež 6 ekl I s 3 o"lž
ds vk; žoxl ea ijđ i kškkkj dk ykHk mBkus okyh
yMfd; ka dh ifr'kr rkr dk Qh vfed Fkh & dy
feykdj] 82 ifr'kr & xteh.k ¼72-6 ifr'kr¼
tutkrh; ¼81-1 ifr'kr½ vksj 'kgjh ¼74-4 ifr'kr¼A
3 I s 6 o"lž ds vk; q l eng ež bl rF; dh iathdr
I ž; k ¼57-8 ifr'kr½ Fkh} ykHkka dk fgLI k yMedka ds
ekeys ea Åph ifr'kr rkr ¼75-9 ifr'kr½ ea Fk tcfđ
de ifr'kr ¼74-6 ifr'kr½ yMfd; ka dks ykHk ikr
gvrkA

nl vkauokMh dk; žrčž/ka ea I s vkb ¼79-8
ifr'kr½ us crk; k fd [kkuk cPpka vksj ekrkvka dks
fcYdy Lohdk; Z FkA mugkaus ml s Hkyh&Hkkār rš kj]
Lokfn"V ik; k vksj [kkus ea vkuln fy; kA vkauokMh
dk; žrčž/ka us ykHkFkž, ka }kjk ijđ i kškkkj dh
vkauokMh dk; žrčž/kaus ykHkFkž, ka }kjk ijđ i kškkkj
dh Lohdk; žrčž ds foHkuu dkj .kka dk mYyžk fd; kA

bu dkj .kka ea I feefyr Fkš B[kk | ena Lokfn"V ugha
Fkha vksj bl fy, mlugkaus Lohdkj ugha fd; kb] BI for
[kk | enka ea dkbž fofokrk ugha Fkh] BđHkh&dHkh
[kjc ekš e fLFkr; ka vksj ?kFV; k i šđstax dh otg
I s [kkuk [kjc gks x; kb] BI lykbž dh xbž enka dh
?kFV; k dksVPA BD; k vki rktk idk [kkuk inku dj
jgsgāp izu dsmŪkj eank&frgkbž/vkauokMh dk; žrčž/ka
¼61-1 ifr'kr½ us Bgka ea mŪkj fn; kA

vkauokMh dk; žrčž/ka us crk; k fd 3 o"lž I s
de vk; q ds cPpka dk ekl ea , d ckj otu fd; k
tkuk Fk rFk 3&5 o"lž ds vk; žoxl ea vkus okys
cPpka dk =škl d vkekkj ij otu fd; k tkuk FkA
82 ifr'kr vkauokMh dk; žrčž/ka us bl ekxžunž k
dk ikyu fd; k vksj 3 o"lž I s de vk; q ds cPpka dk
ekl ea , d ckj otu fd; kA rFkfi] 3&5 o"lž ds
vk; žoxl ea cPpka dk otu djus dh fLFkr dŪ
cgrj Fkh] D; kšđ vfedka k ¼83-3 ifr'kr½ vkauokMh
dk; žrčž , d k djus ea I efkž gq A otu o lykV
djus dh ijđ ftEenkjh vkauokMh dk; žrčž/ka ¼85-
8 ifr'kr½ us mBkA i; bškdka us vkauokMh dšnka
ds vi us nks okys fnu xHkhj : i I s dŪ k'kr cPpka
vksj uotkr ds fodkl ds ekHhVju ea I gk; rk
inku dhA I gk; d ul ZfeMokbQ@efgyk LokLF;
foftVj us Hkh vkauokMh dšnka ea vi uh mi fLFkr
okys fnu vFkok tc cPpk ikFkfed LokLF;
dšn@mi & dšn ea mi yček Fk] I gk; rk inku dhA
; g Hkh nškk x; k fd I gk; d ul ZfeMokbQ vkauokMh
dk; žrčž/ka dh vfed enn dŪrh Fkh c'krž fd os
ml xkō ea Bgžž tŷkamudsmi & dšn mi fLFkr gkA
; g dk; Zdjusea vkauokMh dk; žrčž/ka us I eL; kvka
dk mYyžk fd; kA 748 vkauokMh dšnka ea I s nks
, d I s dŪ vfed ¼11-1 ifr'kr½ ea fodkl pkVZ
ughafks rFk pkj ifr'kr vkauokMh dšnka ea rgykvka
dk vHkko FkA vkauokMh dk; žrčž/ka }kjk crk, x,
vŪ; dkj .kka ea rgykvka dk ežer ds vekhu gksk
rFk ¼8-3 ifr'kr½ vksj I e; kHkko ¼2-4 ifr'kr½
I feefyr FkA bruh gh ifr'kr rkr ¼84-1 ifr'kr½



ea vkauokMh dk; Zrkzka us crk; k fd mlugaus otu
djus ds ifj. kkeka vks cky LokLF; i kskkgkj ij
ml ds i Hkkoka ds ckjs ea crk; k rFkk mlga cPps dks
fo'kSk : i l sxHkhj : i l sdq kS"kr cPpka dks vFkok
ftudk otu fodkl pkVZ dh l keku; jSkk l s de
Fkk] ik; % f[kykr s jgus dh l ykg nhA

vkauokMh dk; Zrkzka us oipr oxka ds cPpka
dks vkauokMh rd ykus ds fy, Bkd iz kl fd,
rkfd oshkh i kskkgkj vks LokLF; I okvka dk ykHk mBk
l dA vkauokMh l s; g Hkh irk pyr k gSfd gftuka o
l epk; ds vU; detkj oxka l s l cFkr cPpka dks
ukekdr vks i krl kfg r djus ds fy, Hkh l efd
cky fodkl I ok dk; Zrkzka }kjk l q; ofLFkr iz kl
fd, x, rkfd ; g l iuf' pr gk l dsfd osvkauokMh
dk; Zykika vks I okvka dk ykHk mBk l dA yxHkx
l Hkh vkauokMh dshka 195-1 i fr'kr 1/2 ea cPps xhr
xkrs FkA dgkuh l ukuk vks x.kuk djuk nks vU;
dk; Zykika Fk ftUga 91 i fr'kr vkauokMh dk; Zrkzka
}kjk vk; kS tr fd; k x; kA 78 i fr'kr vkauokMh
dk; Zrkzka us varjx [kyka ea cPpka dh Hkxhkhkj
dk mYysk fd; k] muea l s rhu&pkFkkbz 74 i fr'kr 1/2
us cPpka dks [kydj ckrphr ea viuh cF) dk
blreky vU; Nks&ekVsd; Zvk; kS tr djus ds dke
ea yxk; kA

nk&frgkbz cPpka dks 166-1 i fr'kr 1/2 i frj{k
fd; k x; k] l okFkd i fr'krk 171-6 i fr'kr 1/2 xkeh.k
i fj; kstuvka ea Fkh] ml ds ckn 'kgjh 165-7 i fr'kr 1/2
vks tutkrh; i fj; kstuvka 161-5 i fr'kr 1/2 dk LFku
FkA yxHkx , d&pkFkkbz LokLF; dk; Zrkzka }kjk
crk, vuq kj cPpka dk iwZ i frj{k.k i klr djus ea
l eFkz u jgus dk , d cMh dkj.k i frj{k.k ds i fr
ekr&firk dk c# [khi wZ joS k Fk 123-3 i fr'kr 1/2
ml ds ckn i frj{k.k l s tMh vfo'okl ka dk LFku 147-
6 i fr'kr 1/2 FkA vU; dkj .kka e] i frj{k.k ds ykHkka ds
ckjs ea vi; klr tkudkj ds dkj.k l epk; ds dQ

oxka l s dMh i frj{k vks vQokg QSykus okyka dh
Hkfedk crkbz xba

xHkzrh ekrvka 176-2% 1/2 us Vsu l VdLkkm
i frj{k.k dkj; kA xHkzrh efgykva ea 27% efgykva
us 16 l s 22 l lrg ds chp igyh [kjkd yh vks
ekrvka ea l s 48% us 24&28 l lrg ds chp nh jh
[kjkd yhA

ikp i fr'kr cPpka dk tle Hkj 2000 xte l s
de Fk rFk 24 i fr'kr dk 2500 xte l s de Fk]
ftl dk vFkz gSfd yxHkx 29 i fr'kr cPps l keku;
dh viSk de tle Hkj oky i Snk gq A ; g ekrvka
dsfy, vks vkauokMh dk; Zrkzka dsfy, , d cMh
fpUr dh ckr gkuh pkfg, A , d h fLFkr e] ekrvka
dks bu cPpka dks vfuok; Z: i l s Lruiku djus ds
fy, i krl kfg r fd; k tkuk pkfg, A bl l cFk e]
i jd i kskkgkj dh i frzo vU; oS fDrD LokLF; rFk
ekrvka o cPpka dks i kskkgkj l cFk nS kHky dk
mYysk vkauokMh dk; Zrkzka }kjk bl fLFkr l s
tMh l eL; kvka ds: i eafd; k x; kA ufl k ekrvka
177-4 i fr'kr 1/2 us crk; k fd muds cPpka dk i frj{k.k
gk ppk gA ik; k x; k fd cPpka ds ekeys e] 6 ekl
l s 3 o"l ds vk; &oxZe] [kl jsdsekeyse] tutkrh;
l efd r cky fodkl i fj; kstuvka 163-7 i fr'kr 1/2
viSk d r de i fr'krk i kbz xba bl ds vykok] bu
vkdMh ds vuq kj] Mh-i-h-Vh- Vhds dh igyh vks
nh jh [kjkd nsus rFk i kfy; ks dh can vks l kFk gh
Mh-Vh- clVj Hkh nsus dsfy, bl vk; &oxZ ds cPpka
ds dojst ea of) djus ds fy, vks vfed iz kl
fd, tkus dh t: jr gA ekrvka }kjk crk, vuq kj
3&6 o"l ds vk; &oxZ ea cPpka dk i frj{k.k dojst
147-Vh- clVj 1/2 xkeh.k {ks=ka ea 57 i fr'kr] tutkrh;
{ks=ka ea 53 i fr'kr vks 'kgjh {ks=ka ea 52 i fr'kr
FkA



bD; kou ifr'kr LokLF; tkp ,-, u-, e- }kjk dh xbA 22 ifr'kr ekeykaeaLokLF; tkp fpdfRI k vfedkfy; ka }kjk dh xbZ tcfđ dōy 13 ifr'kr efgyk LokLF; fofTVj@ih-, p-, u- }kjk dh xbA l gk; d ul ZfeMokbQ LokLF; tkp dk l cl s cMk l kr Fkk] osrRdky mi yCek Fkha ešMdy vfedkfy; ka vksj efgyk LokLF; fofTVjka@ih-, p-, u- usBtkš[ke ds rgrb cPpk] fo'kšk : i l s xHkhj : i l sdq kš"kr cPpk 1/4M I-1V½ dh vksj l kFk gh mu ekrkvka dh Hkh nš[kHky dh] ftUga xHkkzLFkk ds nšku tFvyrk, a i šk vkbā vksj ftUga Btkš[ke ds rgrb l e>k x; kA l Hkh Jš.k; ka ds ykHkkfFkz; ka ds l æk eš 47 ifr'kr vksj 61 ifr'kr ds chp] Bekl ea, d ckjB LokLF; tkp dh ckjEckjrk dk ikyu fd; k x; kA 29 ifr'kr vkauokMh dk; Žrkž/ka uš ykHkkfFkz; ka dh vi; kŽr tkp ds fy, dkj.kka ds : i ea ešMdy vksj v) & ešMdy LVkQ dk vHkko crk; kA vU; dkj.kka ea l fEefyr Fk% vksi h-Mh- ea dke ds Hkkjh nco ds dkj.k viuh fgpfdpGv dh otg l s LokLF; dk; Žrkž/ka }kjk vkauokMh dšnkaeavkusdh vl eFkzrk vFkok mnkl hurki wkz # [k] LokLF; tkp dh t: jr vksj egŀo ds ckjs ea vKkurk dh otg l s l enk; dk vl g; ks vFkok bl l ok dk l Hkkoh <x l sykHk mBks ds ifr mnkl hurki wkz još k] i kEi fjd bykt djus okyka@>kM&Qnd djus okyka dks l enk; ds l nL; ka dk vfed fo'okl i klr Fkka

tgka rd ; g dk; Že vk; kštr djus dh ckjEckjrk dk l æk gš muea l s 69 ifr'kr us dgk fd mlgkaus ekrkvka vksj cPpka l s tMšfo"ka; ka ij ekl ea, d ckj i kšk.k vksj LokLF; f'k{k dk; Že vk; kštr fd; kA pškng ifr'kr us ; g dk; Ždyki ykHkkfFkz; ka }kjk 0; Dr dh xbZ t: jrka ds vuq kj] vk; kštr fd; kA yxHkx l kr ifr'kr us nks ekl ea, d ckj ; g dk; Že vk; kštr fd; k vkauokMh dk; Žrkž/ka 1/2-1 ifr'kr 1/2 us ekrkvka l s vyx&vyx vFkok l engkaeakrız djus dh fofek ds: i ea varj & oš fDrd l Ei dZ vksj ppkZ dk bLrøky fd; kA vU; fofek; ka ea

uq.[kka dk in'kZ] vks vkj , l rš kj djuk ekrkvka vksj fd'kšj yMšd; kadsfy, i kuh ds 'kq) dj.k dh Hkh fj i ks/Z dhA vkauokMh dk; Žrkž/ka uš i kšk.k vksj LokLF; f'k{k l =ka ea muds }kjk doj fd, x, fofHku fo"ka; ka dk Hkh mYys[k fd; kA bu fo"ka; ka ea l fEefyr Fk% Lruiku] i šp'k] ij d Hkkstu] i fjokj dks l hfer j [kuk vkfnA crk; k x; k fd i kšk.k vksj LokLF; f'k{k dk; Že ds vk; kstu ea , d cMh l eL; k efgykvka ds ikl l e; kHkko dh Fkh] D; kšd mlgaviuh vkt h fodk dekus ds fy, l qg l s 'kke rd dke ds LFkku ij jguk i Mšk gš bl mYys[k 46 ifr'kr vkauokMh dk; Žrkž/ka usfd; kA vkauokMh dk; Žrkž/ka }kjk crk, vuq kj vU; l eL; k, a Fkha l kexh@l kekuka dh vuq yCekrk] vukd"kd l keku] LFkkuh; @ {k=h; Hkk"kkvka ea bu l kefxz; ka dh vuq yCekrka

94 ifr'kr vkauokMh dk; Žrkž/ka us crk; k fd mlgkaus tš[ke ds rgr cPpk@ ekrkvka dks i kFkfed LokLF; dšnka@ l kožt fud LokLF; dšnz dks jQj fd; kA vè; ; u l sirk pyk fd jQjy l ok inku djus ea vkauokMh dk; Žrkž/ka dks i šk vkus okyh l eL; kvka ea jksxgj [k]kd dk i; kŽr Hk.Mkj u j [kk tkuk rFkk xHkhj : i l sdq kš"kr cPpk dk bykt djus dsekeyka ea mi yCek u fd; k tkuk 'kkfey gš , d s cPpka vksj ekrkvka ds fy, i fjogu l qoekk, a inku djus ds fy, i p; rh jkt l kFk vka ds vPNs l g; ks dk Hkh vHkko Fkka vud ekrk&fir k U; ure i fjogu ykxr ogu djus ea vl eFkz Fkš vi us cPpka dks vl i rky ys tkus ea ekrk&fir k dh fgpfdpGv] i kFkfed LokLF; dšnka@ l kožt fud LokLF; dšnka dk njh ij l Fkr gksuka ; fn vksk fek; ka dks i; kŽr ekujk'k mi yCek djkh nh tk, rks bl l eL; k ij fd l h rjg l s dkcw i k; k tk l drk gš tgka rd fd'kšj yMšd; ka l s l gk; rk vksj l eFkZu dk l æk gš vkeks vkauokMh dk; Žrkž/ka 1/49-6 ifr'kr 1/2 us crk; k fd fd'kšj yMšd; ka us vkauokMh dšnka ds dk; Ždyki kads vk; kstu ea l gk; rk inku dha





v/; k; 5

I ešdr cky fodkl I ok dsytk v/š i fj.kke

- 5-1 ekšmk vè; ; u dsfu"d"kkā dh fi Nys vè; ; ukā ds I kFk rgyuk
- 5-1-1 vol ĵpuk@mi Ldj@fdv
- 5-1-2 LVkQ dh fLFkfr
- 5-1-3 i f'k{k.k
- 5-1-4 vkāuokMh dk; žbrkžvka dh 'kš{k d ; kš; rk
- 5-1-5 I ok, a & ijd i kškgkj



- 5-1-6 tle dsle; otu
- 5-1-7 i kškgkj dk xM
- 5-1-8 Lchj&iwz f'k{k
- 5-1-9 LokLF; tkp
- 5-1-10 ifrj{k.k
- 5-2 bui v/ka@vkmVi v/ka@ifj.kkeka dk eV; kdu
- 5-2-1 I ešdr cky fodkl I ok izāku dk eV; kdu & bui v/ ošj, cy
- 5-2-2 I ešdr cky fodkl I ok izāku dk eV; kdu & vkmVi v/ ošj, cy
- 5-3 I kjk k

I ešdr cky fodkl I ok dsytk vŕš ij .kke

I ešdr cky fodkl I ok ; kstuk dks vc] cPpka ds fy, cukbz xbz jk"Vh; dk; &; kstuk ¼, uih, &2005½ ea vŕš I gl kCnh y{; ka ea fuekkfjr fd, x, y{; ikr djusdsfy, I cl s0; ogk; Zokgd ds : i ea ekuk tkus yxk gŕ fu; kštr fodkl ds fi Nys rhu n'kdk ds nkš ku] I ešdr cky fodkl I ok cgr egŕoi wkz gks xbz gš ts k fd bl ds vl; foHkkxka ds I kFk bzj Qd c<kus vŕš LVdgkMjka }kj vkfd ifrHkkfxrk I sLi"V gŕ dk; Œe dk eW; ka] foHkku vè; ; ukadse; eka/fuifl M] 1992] , ul h, bzvkj] 2001] I Mæ] 2005] vkfn½ I sfd; k tkrk gš ftl I s irk pyr gšfd vkjHkd pj.k eanš[ksx, ykHkxkfg; ka ea I s dŕ ykHkxkfg; ka dh tkp&iMfky dh xbz rhu o"z I s de vk; qdscPpka dh duotš] tksfuEu i kbz xbz Fkh] ea I qkkj gksuk 'kq gks x; k Fkk vŕš fuokjd LokLF; I j{kk ds Lrj ea of) gŕz rFkk LokLF; I okvka dk vfkd mi ; ksx gŕka I ešdr cky fodkl I ok ; kstuk ds dk; kŕo; u dh , d mRd"V mi yfCek ; g jgh fd foHkku ijLij I eFkZukRed I okvka ds duotš ea of) jgh gŕ

rFkfi] I okvka dk , d i šst mi yCek djkus dh voekkj.kk] eŕ; ; i I s bl ckr ij vkekkfjr gšfd I exz iHkko vfkd izy gksk] ; fn foHkku I okvka dh ink; xh , d , dhdr rjhds I sdh tk,] D; kŕid fdl h I ok fo'kš dh n{krk ml I eFkZu ij fuHk] djrh gš tks ml s I ešdr I okvka I s ikr gksk gŕ

bl fy,] bl vè; k; ea; g iz kl fd; k x; k gšfd vkmViŕ vŕš ij .kkeka ij buiŕ dkj dka dh Hkŕedk dk fo'yš.k fd; k tk, A vol j puk] I xBukRed LFkki uk] ykHkxkfg; ka dh i kQkby]

I okvka dh ink; xh] I ello; u] fi Nys vè; k; ka ea duotš vŕš I keŕk; d ifrHkkfxrk dh tkp djus ds ckn] dŕN vr% Ec) dkj dka dh igpku dh xbz gŕ ekšmk eW; ka] du ds fu"d"kkā dh rgyuk vl; jk"Vh; Lrj ds eW; ka] duka vŕš igysfd, x, eŕk&Lrjh; vè; ; uka ds I kFk djus dk iz kl fd; k x; k gŕ ; g iz kl Hkh fd; k x; k gšfd buiŕ] vkmViŕ ¼ fŕ; k½ vŕš ij .kkeka ds fgl kc I s dk; Œe ds dk; &fu"i knu dk eW; ka] du fd; k tk, A rnuq kj bl vè; k; dkš ekšmk vè; ; u ds fu"d"kkā dh fi Nys vè; ; uka ds I kFk rgyuk, j vŕš buiŕ rFkk vkmViŕ@ijf.kkeka dk eW; ka] du ea foHkktu fd; k x; k gŕ

5-1 ekšmk vè; ; u ds fu"d"kkā dh fi Nys vè; ; uka ds I kFk rgyuk

pŕulnk buiŕ] vkmViŕ vŕš ij .kke I ešdr ifjorhZ dkj dka ij rgyukRed vkadMš nks vrj kZVh; Lrj ds eW; ka] du vè; ; ukš vFkŕ & us'kuy boš; w'ku vkŕd vkbz I h Mh , I fuifl M] 1992½ vŕš dudj& boš; w'ku vkŕd vkbz I h Mh , I ¼ u I h , bzvkj] 2001½ I spqšx, gŕ buea dŕy mlgha ifjorhZ dkj dka dks 'kkfey fd; k x; k Fkk] ftUga ekšmk vè; ; u ds I anHkZ ea I q xr vŕš 0; ogk; I i k; k x; k Fkka bl vH; kl dk eŕ; mŕš;] fi Nys o"kkā ea pŕulnk ifjorhZ dkj dka ds fgl kc I s dk; Œe dk # [k nš kuk Fkka

5-1-1 vol j puk@mi Ldj@fdV

vkauokMh dŕnka ea bl rŕky djus; k; gkyr eami Ldj@fdV dh mi yCekrk ds fgl kc I rgyukRed



vkadM; I kj.kh 5-1 %d% ea i Lrnf fd, x, g; tks; g n'kkzr's gsf fd fi Nys 14 o'kkz ea vkxuokMh d;bnka dh fuekZk vol j'puk ea ,d fuf'pr I qkjk g;v'kA o'kz 1992 ea d;oy 43-1 ifr'kr vkxuokMh d;bnz i Dds Hkouka ea Fk; tcf d o'kz 2005&06 ea 75-4 ifr'kr d;bnz i Dds Hkouka ea fLFkr FkA ; g ukv/ djuk Hkh fnypLi gsf d 36-7 ifr'kr vkxuokMh d;bnka dks dPps Hkouka I s i Dds Hkouka ea varfjr fd; k x; k %fp= 5-1% ; g i xkeh # [k] fo'o cfd vkj tokgj jkst xkj ; kst uk@ug: jkst xkj ; kst uk ds varxZ vkxuokMh d;bnka ds i Dds Hkouka dk fuekZk djus ds i koekku ds dkj.k gks I dka

I kj.kh I s; g Li"V gsf d o'vst Ldsy %1991&92 ea 73-4 ifr'kr I s 2005&06 ea 89-2 ifr'kr% dh vki fr'Z ea i; kZr I qkjk FkA o'kz 2000 ea yxHkx 32-9 ifr'kr vkxuokMh d;bnka ea Ldny&i dZ f'k{k ds fy, bLrnek; fd, tkus ; k; gkyr ea fdV Fkh vkj ; g ifr'kr c<ej 55-9 ifr'kr gks x; k %2005&06% bl I c;ak ea vkadM; g n'kkzr's gsf d fo'o cfd ; fuil Q vkj ftyk i kFkfed f'k{k dk; D;e us bl fLFkr ea I qkjk djus ds fy, eg'oi wZ Hkfedk fuHkkoZ FkA

5-1-2 LVkQ dh fLFkr

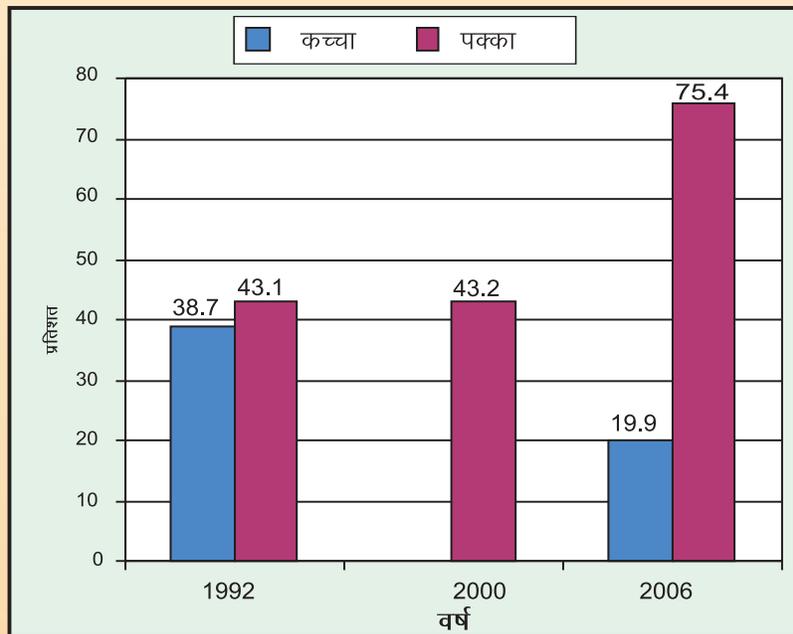
I kj.kh 5-1 %d% fi Nys o'kkz ea vkbZ I h Mh , I & vol j'puk %vkxuokMh d;bnz Lrj ij %

De I a	vol j'puk@LFkku	fui fl M vè; ; u* 1992	, ul h , b;vkj vè; ; u**	ekStnk eW; kadu*** 2005&2006
%d%	Hkou dh I j'puk %vkxuokMh d;bnz dk ifr'kr% % dPpk % i Ddk	38.7 43.1	v;idM;vuiy'k 43.2	19.9 75.47
%k%	bLrnek; fd, tk I dus dh gkyr ea mi Ldj@fdV dh mi y'ekrk % o'v'x dk Ldsy % i; y'fuk fdV dh mi y'ekrk % h, I b;Z	73.4 v;idM;vuiy'k	76.3 32.9	89.2 55.9

* I efdr cky fodkl I ok dk jk'v; eW; kadu & fuil M] 1992
 ** I efdr cky fodkl I ok dk I eorh'eW; kadu & , u I h , bZ vkj] 2000
 *** I efdr cky fodkl ds rhu n'kd%, d eW; kadu & fuil M] 2006

LVkQ dh fLFkr ds I c;ak ea rgyukRed vkadM; I kj.kh 5-1 %k% ea i Lrnf fd, x, g; g ckr Li"V gsf d r'ukr LVkQ ds ifr'kr ea fi Nys d;N I e; ea of) g;vZ Fkh fl ok; bl dsfd g;Yijka ds in ea 2-5 ifr'kr dh deh vkbZ g; vkxs ; g mYy[k fd; k tk I drk gsf d 1992 ea fuil M us cky fodkl i fj; kst uk v'ekd'fj; kad; ifr'kr dk vè; ; u fd; k vkj I gk; d cky

fp= 5-1 % fi Nys o'kkz ea vkbZ I h Mh , I & vkxuokMh d;bnka ds Hkouka ds i d;Zk



I kj.kh 5-1%k½ %LVkQ dh fLFkr ¼fr'kr e%

Øe la	LVkQ	fui fl M vè; ; U* 1992	, ul h, b½vj vè; ; U** 2001	ekStmk vè; ; U*** 2006
i	ekStmk cky fodkl i fj; kst uk vfeKdkjh	79.3	vizMavuijyUk	85.0
ii	ekStmk I gk; d cky i fj; kst uk vfeKdkjh	vizMavuijyUk	vizMavuijyUk	52.2
iii	ekStmk i; b{kcd	72.5	vizMavuijyUk	82.3
iv	ekStmk vlxuokMh dk; Zdriz	95.1	97.0	97.5
v	ekStmk vlxuokMh gYij	98.2	91.0	96.7

* I efdr cky fodkl I ok dk jk'Vh; eW; kaDu & fui fl Mj 1992
 ** I efdr cky fodkl I ok dk I eorh eW; kaDu & , u l h b½, vj] 2000
 *** I efdr cky fodkl ds rhu n'kd&, d eW; kaDu & fui fl Mj 2006

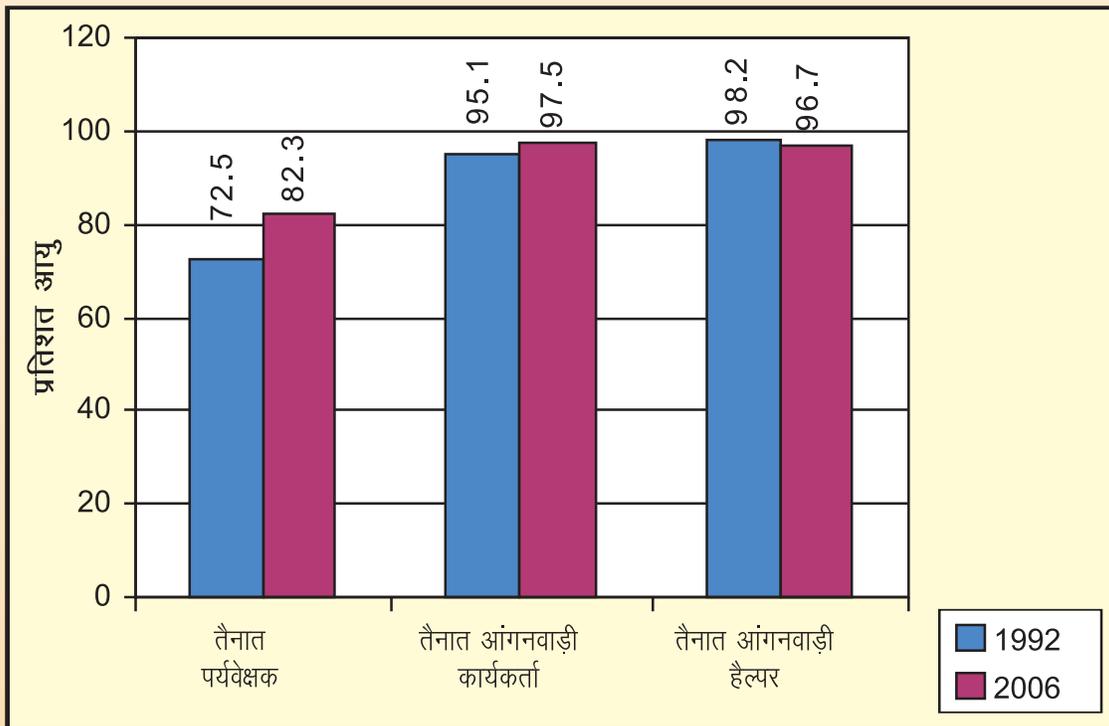
ryuk djus dh n'V I s mlga 'kkfey dj fy; k x; k Fkka I kj.kh 5-1 %k½, d i Hkkoh # [k n'kkzh gS tS k fd I kj.kh ea fn [kk; k x; k gA ; g fLFkr] mfn'kk ds varxZ i f'k{k.k I sl eFkr , e-MCY; wl h- Mh dh uohdr uhfr vS I efdr cky fodkl I ok dh fo'o I gk; rki klr i fj; kst ukvka ds varxZ , d vfuok; Z fu; e ds dkj .k gks I drh gA

fodkl i fj; kst uk vfeKdkj; ka dks, d I kFk t kM+fn; k x; k tcd ekStmk vè; ; u ea blga vvx I s fn [kk; k x; k gA bl ds vykok] 1992 ea I gk; d cky fodkl I ok) u vfeKdkj; ka ds in u, I ftr fd, x, Fks vS dOy dN gh in vflRo ea vk, FkA

5-1-4 vlxuokMh dk; Zdriz/ledh 'k{kcd ; k; rk

'k{kcd I foekvka vS vol jka ds fodkl ds I kFk&I kFk vfeKd I [; k ea vlxuokMh dk; Zdriz mPprj

fp= 5-2 % fi Nys o'kk ea I efdr cky fodkl I ok & LVkQ dh fLFkr



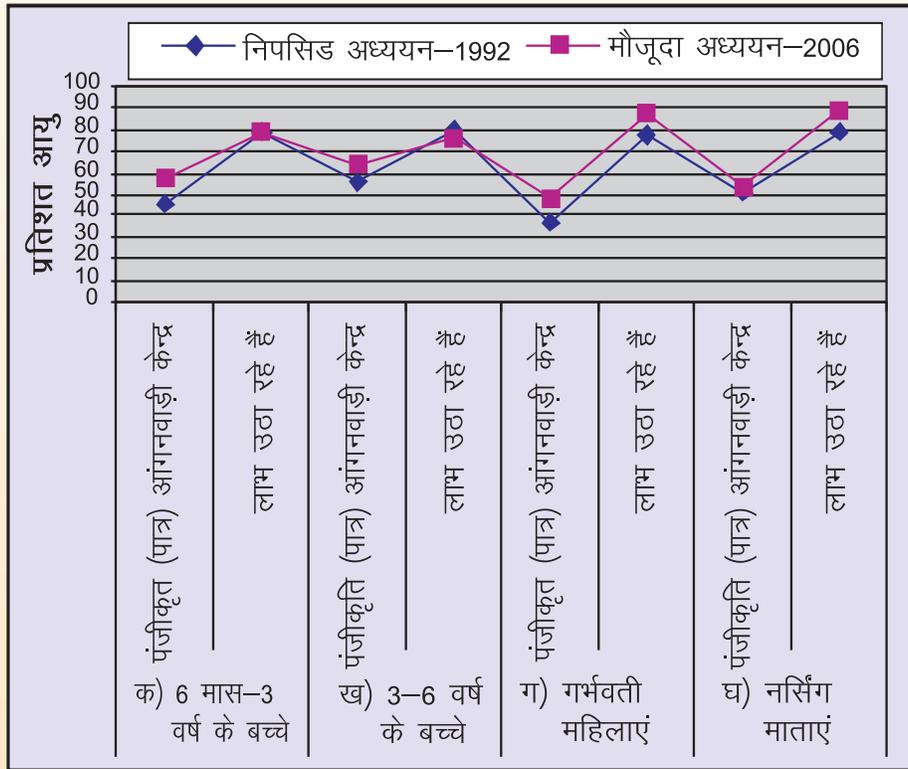
5-1-3 i f'k{k.k

ftu in kfeKdkj; ka us I okdkyhu i f'k{k.k i klr dj fy; k Fk] mudh i f'k{k.k I eakh fLFkr] i fr'kr dh

f'k{k i klr djus dh fn'kk ea x,) tS kfd I kj.kh 5-1%k½ I s Li"V gA ; g ukv/ djuk mRl kgo) Z gS fd 10 i fr'kr vlxuokMh dk; Zdriz Lukrd Fks vS



fp= 5-3 % uotkr f'k'kq/ks dk otu 1992 dh rgyuk ea 2006 eW



यह चित्र दर्शाता है कि 1992 और 2006 के बीच शिक्षण केन्द्रों में लाभ उठा रहे हैं। यह चित्र दर्शाता है कि 1992 और 2006 के बीच शिक्षण केन्द्रों में लाभ उठा रहे हैं। यह चित्र दर्शाता है कि 1992 और 2006 के बीच शिक्षण केन्द्रों में लाभ उठा रहे हैं।

यह चित्र दर्शाता है कि 1992 और 2006 के बीच शिक्षण केन्द्रों में लाभ उठा रहे हैं। यह चित्र दर्शाता है कि 1992 और 2006 के बीच शिक्षण केन्द्रों में लाभ उठा रहे हैं। यह चित्र दर्शाता है कि 1992 और 2006 के बीच शिक्षण केन्द्रों में लाभ उठा रहे हैं।

; g ckr Li"V gSfd tle ds le; de otu okys cPpla ds ifr'kr eadeh vkbA bl ds vykok] mu cPpla ds ifr'kr ea dkQh of) gp] ftudk otu 2-5 fdykske I svfed Fkka

I kj.kh 5-3 % uotkr f'k'kq/ks dk otu

श्रेणी	वर्ष 1992	वर्ष 2006
1- 2500 से अधिक आयु के बच्चे	41.0	29.0
2- 2500 से अधिक आयु के बच्चे	58.9	71.0

5-1-6 तले ds le; otu

तले ds le; otu ekrkvka ds LokLF; vksj xHkkbLFkk ds nks] ku dh xbZ ml dh nq] k&Hkkky dk , d egLuiwZ vksj fo'ol uh; I dsrd gA pnd I efd r cky fodkl I ok dk; De dh , d egLuiwZ I ok]

; g I arksk dk fo"K; gSfd ifj; kstuk {ks=ka ea de otu okys uotkr f'k'kq/ks dh I ; k ea 18 ifr'kr dh deh vkbZ gSftl I sirk pyrK gSfd ; g dk; De cPpla ds LokLF; dh fLFkr ea I qk] d jusij I dk] kRed iHko Mky jgk gA

5-1-7 i k'kkgkj dk xM

ij d i k'kkgkj dk vfire y{;} i k'kkgkj dh fLFkr ea of) djuk gA bl I cak ea vkadM s n'kkz s gA fd 1992 ea d'oy 35-5 ifr'kr cPps I keU; Fk t cfd 2006 %ekstmk vè; ; u½ ds nkjku ; g vkadMk c<ej 53 ifr'kr gks x; kA ; g ukV djuk fnypli gSfd xHkhj : i I s di ksk.k okys cPps ds ifr'kr ea dkQh deh vkbz ¼ kj.kh 5-4) fp= 5-4 vj 5-5½ ; g vupku yxk; k tk I drk gSfd I efd r cky fodkl

I kj.kh 5-4 % cPps dk i k'kkgkj I cak xM ¼ ifr'kr½

Jsh	fui f M vè; ; u&1992	ekstmk vè; ; u&2006
¼ d ½ 0&3 o"kz ds cPps		
I keU; 35-5	53	
xM i] 35-2	16.3	
xM ii] 22-4	7	
xM iii rFkk iv	6.8	1.1
¼ k ½ 3&5 o"kz ds cPps		
I keU; 35-9	49.1	
xM i] 38-8	12.8	
xM ii] 21-3	3.2	
xM iii rFkk iv	4	0.8

I ok dk cPps dh i k'kkgkj I cak fLFkr ea of) ij fi Nys o'kkā ea, d fuf'pr I dkj kRed i Hkko i M k gA

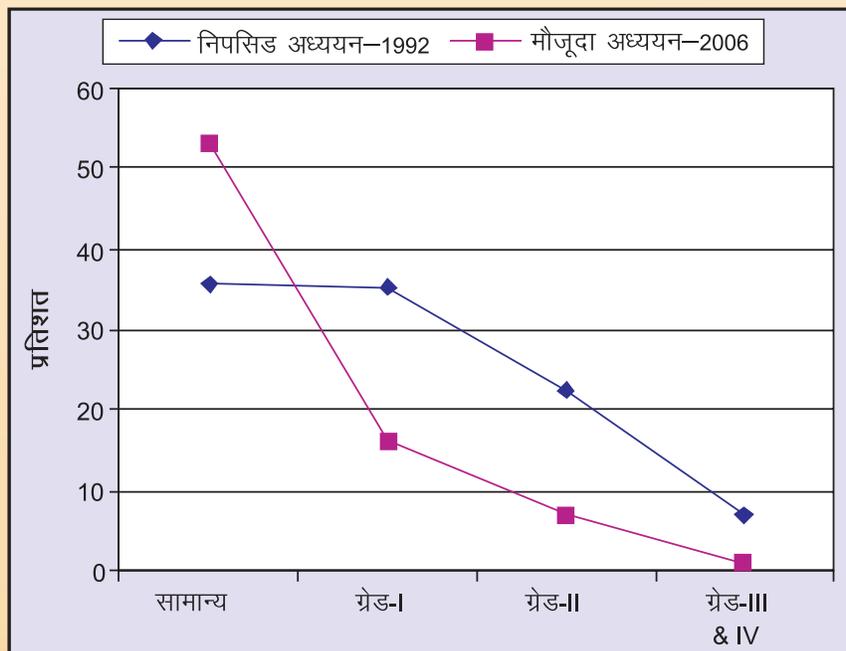
vkauokMh d'bnka ea I lykbz fd, x, Hkstu dh xqkoUk ds I cak ea vkauokMh dk; Zrkz/ka ds fopkj i k r fd, x, A 1992 dh rnyuk e½ dk; Zrkz/ka ea I svfekdkā Hkstu dh xqkoUk I sl rñV Fk; D; ksd mueal scgr de i fr'kr ea dk; Zrkz/ka us Hkstu dks fuEu xqkoUk oky k vLokfn"V vkfn crk; k ¼ kj.kh 5-5 vj 5-6½

fi Nys dñ o'kkā ea fopNn ds fnuka vj ½ fopNn ds vj r fnuka dh fji k s Z nsus oky ½ vkauokMh dk; Zrkz/ka ds nksuka ifr'kr ea ij d i k'kkgkj ds fopNn ea deh i kbz xbz gA ; g 63 fnuka I s ?kVdj yxHkx 41 fnu jg x, gS ¼ kj.kh 5-6 vj 5-7½ rFkk f i] nksuka gh vè; ; uka ea fopNn dk e[; dkj.k ; g Fk fd Hkstu dh vki firZ ugha dh xbA

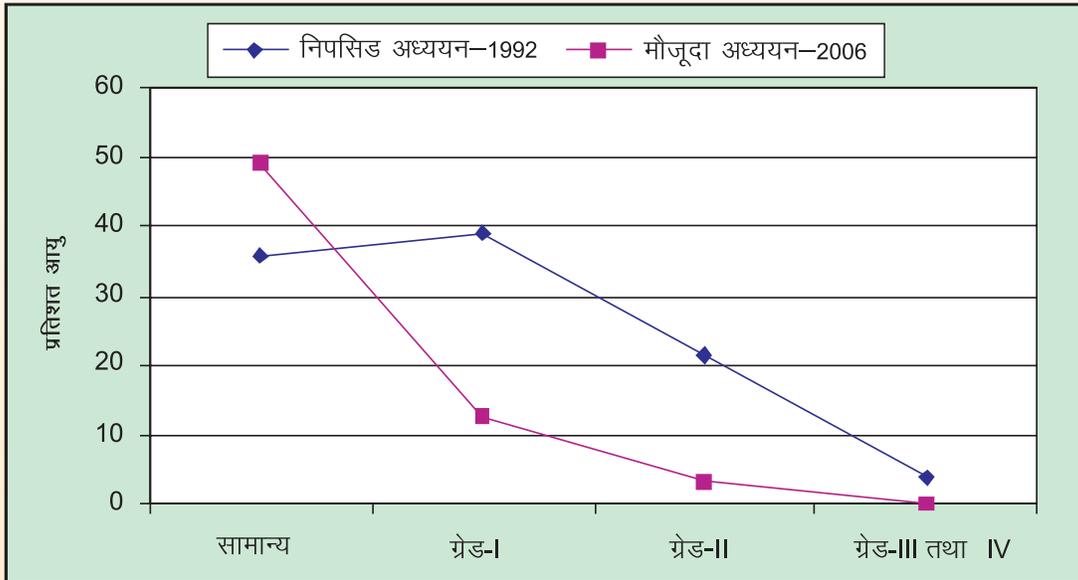
5-1-8 Ldny&i wZ f'k{k

tgkard] ifr vkauokMh i at h d r cPps vj Ldny&i wZ f'k{k dk ykHk mBkus okys cPps ds

fp= 5-4 i k'kkgkj Lrj ¼ 0&3 o"kz ds cPps½



fp= 5-5 % i k'kkgkj I cakh xM 1/3&5 o"l ds cPp½



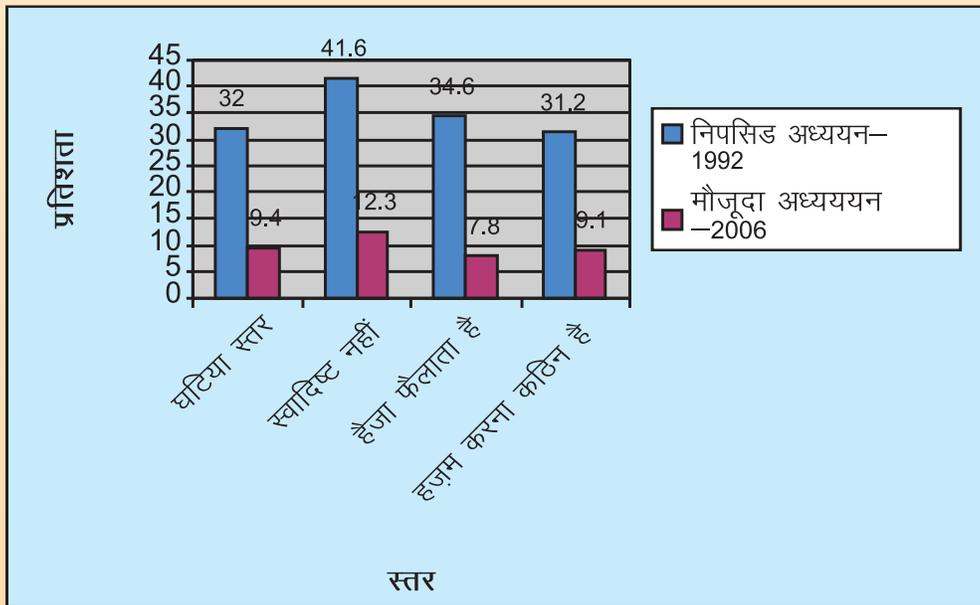
I kj .kh 5-5 %Hktu dh xqokk ds djses vakuoMh dk; ZrkZ/ack ekj .kk

व्याकुलता का; ZrkZ }kjk egl dh xbz (Literacy Rate; Gender)	fui f M ve; ; u&1992 (1992)	ekStmk ve; ; u&2006 (2006)
?kV; k Lrj (Male)	32.0	9.4
Lokfn"V ugha (Female)	41.6	12.3
i fp'k yxk nrk gS (Total)	34.6	7.8
gte djuk d fBu gS (Total)	31.2	9.1

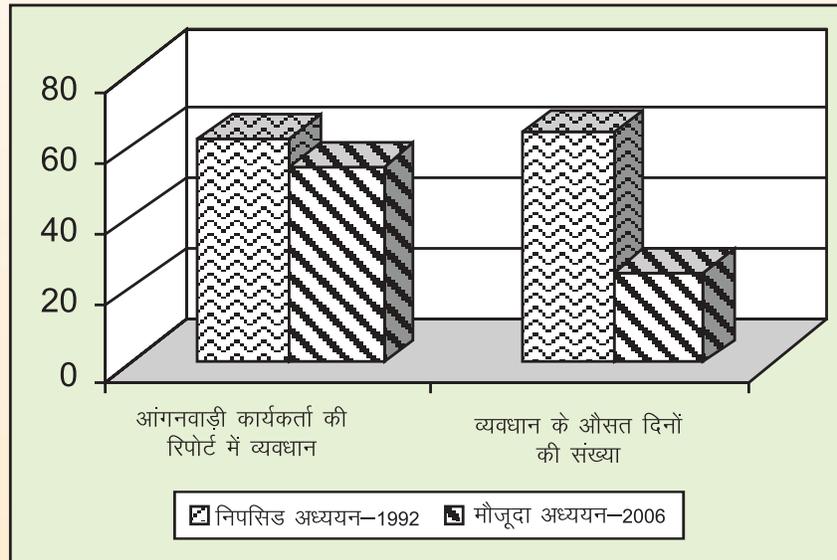
I kj .kh 5-6 % ij d i k'kkgkj ds forj .k ea foPNn

fooj .k (Category)	fui f M ve; ; u&1992 (1992)	ekStmk ve; ; u&2006 (2006)
foPNn dh I puk ns okys vakuoMh dk; ZrkZ/ack %½ (Literacy Rate in Panchayat)	62.3	52.9
, d o"l ea foPNn ds fnuka dk vK r (Literacy Rate in Block)	63.7	41.3
foPNn ds d j .k %vakuoMh dk; ZrkZ/ack %½ (Literacy Rate in Panchayat)		
vki firZ u dh xbz Hktu dh ena (Total Literacy Rate)	89	84.1
ekS e I cakh fLFkr; ka (Male)	15.6	6.3
i f jogu I cakh I eL; k (Female)	21	18.4

fp= 5-6 % ij d i k'kkgkj dh xqokk %vakuoMh dk; ZrkZ/ack ds vuq kj½



fp= 5-7 % ijd i kkkkj ds forj.k ea fopNn ¼1992 dh rgyuk ea 2006 e½

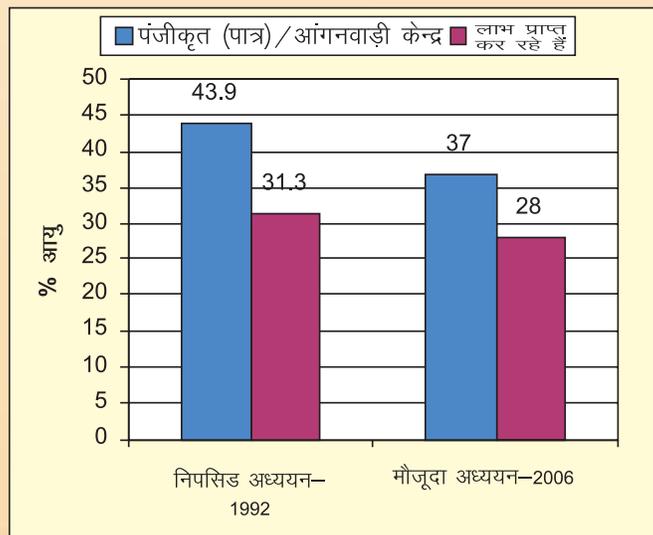


l kj.kh 5-7 % ih , l b¼ cPpladh LokLF; tlp vj vktz, Q ,

ih , l b¼ ¼1992 cuke 2006½	fui fl M ve; ; u&1992	ekstmk ve; ; u&2006
iãhãr ¼k=½@v¼kuoMh dk; ðr¼z ¼k r@v¼kuoMh dk; ðr¼z ifr'kr	43.9	37.0
y¼hk mBk jgs gð	31.3	28.0
LokLF; tlp&ifr'kr		
0&3 o¼z ds cPps	45.9	56.1
3&6 o¼z ds cPps	29.9	46.7
vktz, Q, x¼y; kãitãr dj jgs cPps ¼ifr'kr½		
6 ekl &3 o¼z	30.0	59.6
3&6 o¼z	37.0	64.8

vkj r dojst dk l æãk gð vk'p; l dh ckr gð fd bl ea deh vktz gð ¼l kj.kh 5-7½ fp= 5-8½ bl dk dkj.k vll; vuã oðfyid l ðFkkuk¼ fo'kSk : i l s ul jh vkj dklon/ Ldnyka dk [kgyuk gks l drk gð bl ds vykok] ; g fLFkr iãr djus ea l oz f'k{kk vfhk; ku vkj e/; kgu Hkkstu vkfn us Hkh l Hkor% ; kxnku fn; k gkA

fp= 5-8 % ih , l b¼ ds vrxr dojst ¼1992 dh rgyuk ea 2006 e½



5-1-9 LokLF; tkp

fu; fer : i l s LokLF; tkp dk ykHk mBkus okyscPpkads i fr'kr ea 1992 l s 2006 rd dh vofek eadkQh of) gpz gA bl l s LokLF; l aakh vol j puk vks usvodZ ds foLrkj dk irk pyr gA id wrh ds LFku vks djkbz xbz id fir; ka l s l aab/kr vkadMka dh rgyuk djus dk Hkh iz kl fd; k x; k gS vks ml s l kj.kh 5-8 fp= 5-9% ea i Lrr fd; k x; k gA ; g ckr Li"V gS fd , d rjQ ?kj ij djkbz tkus okyh id fir; ka ea deh vkbz gS vks ml jh rjQ l aFkkuxr

id fir; ka eadkQh of) 1/436-2 i fr'kr 1/2 gpz gA LokLF; LVkQ vks i kboV i SDV' kujka }kj yxHkx 50 i fr'kr id fir; ka djkbz xbz 1/4 kj.kh 5-8 vks fp= 5-9%

ts k Åij mYys[k fd; k x; k gS ml ds vkekj ij ; g vuoku yxk; k tk l drk gSfd dN i frca kka ds cktm dk; De us fi Nys o"kkā ea vkmVi v/ vks ij.kkeka ij l dkjRed i Hkko Mkyk gA

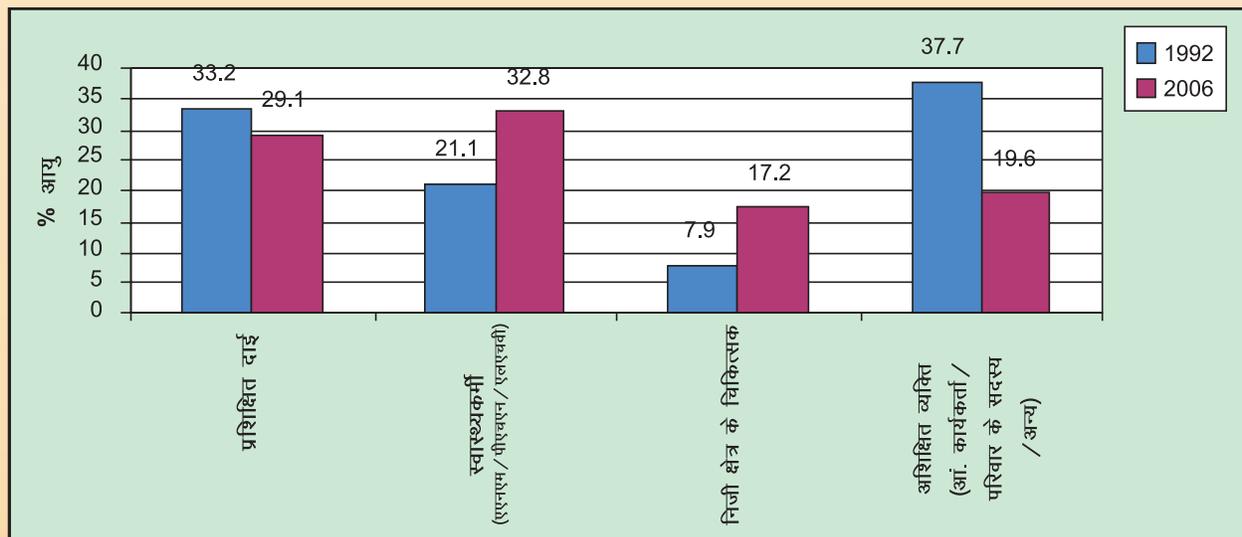
5-1-10 ifrj{k.k

ifrj{k.k l efdr cky fodkl l ok dk; De ds varxir 0&6 o"Kz ds l Hkh cPpka vks xHkZrh efgykva dks inku dh xbz, d egroi wZ l ok gA ifrj{k.k LokLF; foHkx ds l g; kx l s mi yC/k dj; k tkrk gS vks vka uokMā dlnka l s; g vi {kk dh tkrh gSfd oa i frj{kr cPpka dk fjdkMZ j [ka gkykfd] ; g ns[kk x; k Fkk fd i frj{k.k ykHkx kfg; ka dks mi yC/k dj; k tk jgk Fkk i jar dlnka ea fjdkMZ mfr < x l sughaj [kk tk jgk Fkka i frj{kr cPpka dh l gh l a; k ij v/; ; u ea l ftr vkadMka vks mi yC/k dj; k x, i frj{k.k ds idkj cgr xyr gA vks vkadMka ds fo'ySk.k ds l e; cgr fol a fr; ka

I kj.kh 5-8% id fir dk LFku rFk ft l dh ns[kk ea f'k'ku tle fy; k

id fir dk LFku	fui fl M v/; ; u&1992	ekstmk v/; ; u&2006
?kj ij id fir 1/4 fr'kr 1/2	72	53.4
l koZfud LokLF; dln@mi & dln@ l jdkjh vLi rky 1/4 fr'kr 1/2	19.5	29.6
futh vLi rky 1/4 fr'kr 1/2	6.3	16.5
vL; 1/4 fr'kr 1/2	0.5	0.4
fdl dh ns[kk ea tle gyk		
i'kf(kr nbl	33.2	29.1
LokLF; depkj	21.1	32.8
futh i SDV' kuj	7.9	17.2
LokLF; LVkQ 1/4 , u, e@ih, p, u@, y, pol 1/2	37.7	19.6
dy l aFkkuxr id fir	25.8	46.2
f'k' k& mlkj ns[kk	37.2	57.5

fp= 5-9 % djok; h xbz id fir; ka



I ešdr cky fodkl I okvka ds rhu n'kd&, d eW; kađu

v/; k; 5

i kbZ xbA , d s vkađMka ds vfo'ol uh; Lo: i dks è; ku ea j [krs gq] fjdMka ds vkekkj ij fo'yšk.k djus dk iz kl ugha fd; k x; ka rFkkfi] ekrkvka ds i R; qkj vksj dñ gn rd dñka ea mi yCek fjdMka ds l kfk buds l R; ki u dh l gk; rk l s i frj {k.k l okvka dh fLFkr dk eW; kađu djus dk iz kl fd; k x; ka l kj.kh 5-9 ea bl l cãk ea ekrkvka ds i R; qkj n'kkz, x, gãfd D; k muds cPpš fofHkuu chekfj; ka ds i fr i frj {kr fd, x, A

vxkeh vè; k; ka eñ ueuk i fj; kst ukvka ea mi yCek dj, tk jgs bui q/ka dh l hek dk vè; ; u djus dk vè; ; u djus vksj vkmVi q/ka@i fj.kkeka l s l Ec) djus dk iz kl fd; k x; k gã

5-2-1 I ešdr cky fodkl I ok i caku dk eW; kađu

d- bui q/ka@i fj.kkeka dk eW; kađu

gkykãd fdl h dk; ðe ea i caku ds bui q/ka dh ek=k fu/kkZjr djuk eñ dy gš fQj Hkh egłoi wkZ i fjortZ dkj dka dks egło nus vksj bui q/ka ds i fjortZ dkj dka dk ek=kRed vuqku nus okys fefJr Ldkj dk fgl kc yxkus ds vuđ rjhds gã ¼fp= 5-10% ekšmk vè; ; u ds fy,] bl h izdkj dk iz kl fd; k x; k gã dk; ðe ds l Qy dk; kđo; u ds fy, vko'; d dñ egłoi wkZ bui q/ka dh igpku dh xbA budh l ph fuEufyf [kr gš

I kj.kh 5-9 % i frj {kr cPpka dk i fr'kr

cPps	fui fl M v/; ; u&1992	ekšmk v/; ; u&2006
cPps 10&1 o'Wz		
ch hth	71.5	82.4
[d jk	50.4	70.5
i šy; ks	37.5	70.5
cPps 10&6 o'Wz		
MhVh dñVj	28.4	54.9

; g ckr Li"V gš fd fi Nys dñ l e; ea Vhdkdj.k dojst eadkQh of) gš gã tš k fd Åij mYyšk fd; k x; k gš pñd l puk eñr% ekrkvka ds i R; qkj ij vkekkfjr gš bl fy, bl l puk dh fo'ol uh; rk ea dñ ckekk, a gks l drh gã

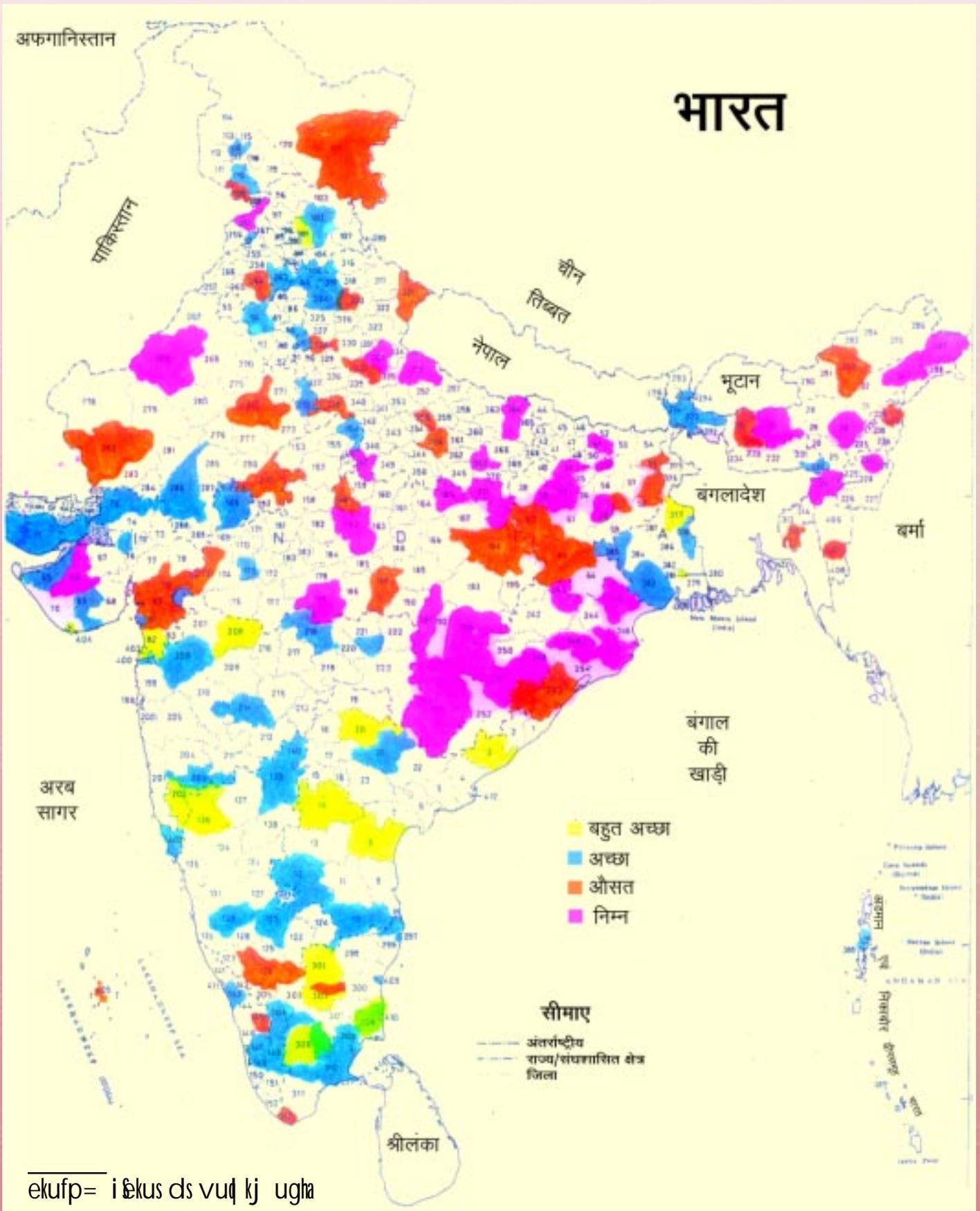
5-2 bui q/ka@vkmVi q/ka@i fj.kkeka dk eW; kađu

fdl h dk; ðe ds l Qy dk; kđo; u ds fy, i; klr bui q/ka dh 0; oLFkk , d i okã škk gã tc rd i fj; kst ukvka eñ mudh vol ĵpuk] i; klr l q; k ea LVlQ] mudh fu; fer ekuhVfjak u gks vksj i; bškdh; LVlQ vka uokMh dñka dk nš k u djš fu; fer ijd i kškgkj] i; klr [ksy l kefxz, ka vksj , u, pbMh l kefxz, kã nokb; ka dh fdV vkfn dh i; klr mi yCekrk u gks rc rd ; g vi škk ugha dh tk l drh fd dk; ðe l dkj kRed vkmVi q/ka@i fj.kke n'kkz, xka bl fy,]

- X₁ = ekšmk cky fodkl i fj; kst uk vfekd kfj; ka dh l q; k
- X₂ = rškr i; bškdka dh l q; k
- X₃ = rškr vka uokMh dk; bñkã/ka dh l q; k
- X₄ = i f'kf {kr cky fodkl i fj; kst uk vfekd kfj; ka dh l q; k
- X₅ = i f'kf {kr i; bškdka dh l q; k
- X₆ = i f'kf {kr vka uokMh dk; bñkã/ka dh l q; k
- X₇ = l hMhi hvks ds nš ka dh l q; k
- X₈ = i; bškdh; nš ka dh l q; k
- X₉ = LokLF; fofHkkx l s l ello; ¼tš k fd l hMhi hvks us fj i kšZ dh gš
- X₁₀ = ijd i kškgkj l lykbZ djus ds vks r fnuka dh l q; k
- X₁₁ = rškvka dh mi yC/krk
- X₁₂ = i h, l bz fdV dh mi yC/krk
- X₁₃ = , u, pbMh l kefxz, ka dh mi yCekrk
- X₁₄ = ešMfl u fdV dh mi yCekrk



fp= 5-10 l efdy cky fodkl l ok izaku dk ew; kdu & bui v ds ofj, cy



ekufp= i ekus ds vuq kj ugha

i R; d buiW ošj, cykaeal si R; d ošj, cy ds fy, ekud Ldkj dk fgl kc yxkus dsfy, Z Ldkj i) fr dk bLreky fd; k x; k Fkka i R; d ošj, cy dk vyx&vyx vij"dr Ldkj fudkyusdsfy, ošj, cy dks ošj, cy ds vks r ea l s?kvk; k x; k Fkk vks ml ošj, cy ds ekud varj l s Hkkx dj fn; k x; k Fkka bl izlkj iklr gg i R; d ošj, cy dseW; ka dks tkM+fn; k x; k ftl l s i R; d ifj; kst uk dk fefJr Ldkj fudkyk tk l dsftl sfefJr buiW ošj, cy Ldkj dgk x; ka

buiW ds ekun.M

ifj; kst uk % 150

vks r 1/2 % 0-0

ekud varj 1/2 % 6-522

Z&Ldkj	Jskh	jat	nh xbZ jfWx
Z > m\$S	cgr vPNk	Z > 6-018	4 %mPpre%
m > Z <= m\$S	vPNk	0 < Z <= 6-018	3
m&s <= Z < m	vks r	&6-018 <= Z < 0	2
Z < m&s	fuEu	Z > 6-018	1 %fuEure%

0; ki d : i ea bLreky fd, tkus okyk ekud Ldkj] tks l ka[]; dh; fo'ySk.k ea, d egloi wkZ Hkkredk fuHkkrk gš Z Ldkj gA ; g] eW; ka dk l keku; hdj.k djus dsfy, , d Lohdkj dh xbZ i f0; k gA bl sekud varj bdkb; ka }kjk uki s x, vks r l s Ldkj ds varj ds: i ea i fJ Hkkf"kr fd; k x; k gA Z Ldkj fudkyus dk Okelyk fuEufyf[kr g%

fuEure tM eW; &21-9
vi/kdre tM eW; &11-3

buiW@vkmViW ekun.M

ifj; kst uk, a % 150

vks r 1/4 e% 0-0

ekud varj % 6-018

$$\frac{Z = X - \bar{X}}{\sigma} = \frac{X}{\sigma}$$

tgka

X = vij"dr Ldkj

\bar{X} = forj.k dk vks r

σ = forj.k dk ekud varj

x = varj okyk Ldkj 1/2 & 1/2

Z&Ldkj	Jskh	jat	nh xbZ jfWx
m > m\$S	cgr vPNk	Z > 6-522	4 %mPpre%
m < Z < m\$S	vPNk	0 > Z > 6-522	3
m&s <= Z < m	vks r	&6-522 < Z < 0	2
Z < m&s	fuEu	Z < &6-522	1 %de%

fuEure z eW; &21-9
vi/kdre z eW; &11-3

bl ekeys dks yxw djdš vks r l s Bhd , d ekud varj Åij okyk Ldkj \$1 cu tkrk gš vks r l s Bhd , d ekud mukj uhsokyk Ldkj &1 cu tkrk gš vks bl h izlkj ; g Øe pyrkJgrk gA vks r ds : i ea ml h l []; k eW; okyk Ldkj dk eW; 'ku; dk Z&Ldkj eW; gkska l ka[]; dh; voxqkka ij nh xbZ fVlif.k; ka ds vud kj tM eW; dks fuEufyf[kr : i ea oxhdr fd; k x; k gA

I Hkh 150 ifj; kst ukvka ds bl fefJr buiW ošj, cy Ldkj ds vkekkj ij] l keku; ckjckjrk forj.k l cakh doz [khp k x; k] tks vks r l s uhs ds fofuekkZjr varjka ij gksus okys mrus gh ekeyk ftrus vks r l s Åij Fkš ds l kfk ukoka dk l eku forj.k gA pñd LokHkkfod : i l svk, vusd forj.k l keku; doz l s esy [kkrs gš bl fy, ; g l š] kñrd ekWiy vR; fekd ykHknk; d fl) gWKA tgka; g i rk pyk ; k fo'okl gWk fd okLrfod vkadMs forj.k es l keku; doz l s esy [kkrs gA rks ge l keku; doz ds l š] kñrd xqkka l s vusd ykHknk; d vkdyu dj l drs gA

bl izlkj] fefJr buiW vks vkmViW ifj.kke ošj, cyka ds vkekkj ij] l Hkh 150 l ešdr cky

Z&Ldkj	Jskh	nh xbZ jfWx
m > m\$S	cgr vPNk	4 %mPprj½
m < Z <= m\$S	vPNk	3
m&s <= Z < m	vks r	2
Z < m&s	[kjc	1 %fuEure%



I efdur cky fodkl I okvka ds rhu n'kd&, d eW; kaðu

v/; k; 5

fodkl I ok ifj; kstuvka ds fy, i klr dh xbz jfVak dh I exz ckjckjrk fuEufyf[kr gA

buiW jfVak

jfVak	ckjckjrk	ekstnk
fuEu	22	14.7
vks r	46	30.6
vPNh	60	40.0
cgj vPNh	22	14.7
tM+	150	100.0

vkmViW jfVak

jfVak	ckjckjrk	ekstnk
fuEu	34	22.70
vks r	39	26.00
vPNh	56	37.30
cgj vPNh	21	14.0
tM+	150	100.0

mijkDr jfVak ds vkekkj ij [khp k x; k fglVkske vks I kekk; ckjckjrk doz n'kkz k gS fd i pl i fr'kr I s vfed ifj; kstuvka dks buiW vks vkmViW@ifj.kke] nkuka ds fgl kc I s ^vPNh* vks ^cgj vPNh* jfVak nh xbz gA

buiW ofj,cyka ds fefJr Ldkj ds vud kj I efdur cky fodkl I ok ifj; kstuvka dh jkT; &okj I d; k I kj.kh 5-7 ea i Lrj dh xbz gA I kj.kh I s; g ns[kk x; k gSfd 150 ifj; kstuvka es I d; dk; De ea fofHku buiW/ka ds mi caka ds fgl kc I d; d; 22 ifj; kstuk, a ^cgj vPNh* Fkh 60 ^vPNh* Fkh 46 ^vks r* Fkha vks 22 ^fuEu Jskh* okyh Fkha; fn ge jkT; &okj forj.k ij utj Mkyarksgea irk pyr k gS fd] tgka rd dk; De ea buiW/ks dk I ak gS egkj k"V 1/4 1/4 xqtjkr 1/4 1/2 vks dukd 1/3 1/2 ea ^vPNh* Jskh ds vxz ifj; kstuvka dh vfedre I d; k Fkha bl ds foijhr] mUkj insk 1/4 1/4 fcgkj 1/4 1/4 ukxkyM 1/2 1/2 vks mMh k 1/2 1/2, d s jkT; Fk ftuea dN fuEu Jskh dh ifj; kstuk, a Hkh Fkha bu ifj; kstuvka dk LFkkfud forj.k ekufp= eafn [kk; k x; k gSfp= 5-10% ekufp= I s; g Li"V gSfd nsk

ds nf{k.kh vks if'peh Hkx ea fLFkr ifj; kstuk, ifj; kstuvka ea cgj buiW inku djus ea I Qy Fkha

5-2-2 I efdur cky fodkl I ok i cak d eW; kaðu

1/4 k 1/2 vkmViW ofj,cy

fuEufyf[kr ofj,cy ds vkmViW ofj,cyka ds: i ea igpku dh xbz Fkha

okb₁ = voykdu Ldkj% fj dkmZ ds j [kj [kko dh xqkoUkk vks Ldny&i wZ dk; Zdyki ka dk vk; kstu djus ea vol j pukRed I foekkvk ofVak Ldsy dh mi yckrk] vkuokMh dk; Zrkzka ds dkskyka dk eW; kaðu djus ds fy, ^vkuokMh dlnz dh voykdu vud ph* uked, d vud ph fo'kks: i I s r s kj dh xbz Fkha bu i gyvka dh jfVak] xqkoUkk ds vjkj kgh De e 3&5 i kba/ka dh jat okys Ldsy e 3 dh xbz Fkha bl fy,] bu ij Ldsy ftruk mPprj Fkk] vkuokMh dlnz dk dk; Zfu"i knu mruk gh cgj Fkha

inku dh tk jgh I okvka ds foj.k nus okys i R; d ofj,cy ds vkekkj ij fudkys x, Ldkjka dks fefJr voykdu Ldkj fudkyus ds fy,] tMk x; ka vud ph dks, d ml if'kf[kr i; bskd }kj ykxw fd; k x; k ftl us 1&2 fnu dh vofek ds fy, ih, I bzl fVak dk fujrj voykdu djus ds kn i R; d en dh jfVak ntZ dhA

okb₂ = voykdu Ldkj% fi Nys dN I e; I s vud akkudrk Ldny&i wZ f'k[kk ea xqkoUkk dh voekkj.kk ds ckjs ea fu.kz nus dk iz, kl djrs gA xqkoUkk dk eW; kaðu] 0; fDr ds eW; I ak fu.kz ka dk blrky djds djuk gsk vks vyx&vyx LVdgyMjka ds fy, bl dk nyukRed eglo gS bokU] 1996(oMgM] 1996(LokheukFku] 2000% A



I kj.kh 5-10 % fefJr buiW ofj,cy ds vkekj ij
i fj; kst ukvka dk oxhbj.k

Øe I a	jkt; @l Øk 'kkl r {k= dk uke	i fj; kst ukvka dh I ã; k				dy
		cgf vPNh	vPNh	vkj r	fuEu	
1	vkklz i nsk	2	5	0	0	7
2	v#.kpy i nsk	0	0	1	1	2
3	vI e	0	3	2	1	6
4	fcgkj	0	0	2	4	6
5	Nukh x<+	0	1	2	1	4
6	xlok	0	1	0	0	1
7	xqjkr	4	4	3	1	12
8	gfj; k.kk	2	2	0	0	4
9	fgekpy i nsk	0	2	0	0	2
10	tEwrFlk d'ehj	0	1	2	1	4
11	>kj [k.M	0	1	3	1	5
12	duWd	3	2	1	0	6
13	djy	0	3	1	0	4
14	e/; i nsk	2	5	1	0	8
15	egkj"v"	4	4	0	0	8
16	ef.kij	0	0	0	1	1
17	eWky;	1	0	0	0	1
18	fetlje	0	0	1	0	1
19	ukxyM	0	0	0	2	2
20	mVhl k	0	1	5	2	8
21	i atkc	0	2	2	1	5
22	jktLFku	0	3	2	1	6
23	fl fDde	0	1	0	0	1
24	rfeyukMq	2	9	2	0	13
25	f=i jk	0	1	0	0	1
26	mUkj i nsk	0	4	6	4	14
27	mUkj kpy	0	0	3	0	3
28	if'pe cakky	1	3	3	1	8
29	vMeu o fudhskj }hi I eg	0	1	0	0	1
30	pMhx<+	1	0	0	0	1
31	fnYyh	0	0	1	0	1
32	nknj vkj uxj goshi	0	0	1	0	1
33	neu vkj nho	0	0	1	0	1
34	y(k)hi	0	0	1	0	1
35	i kMpgjh	0	1	0	0	1
	t kM+	22	60	46	22	150

}kjk igys I s r\$ kj fd, x, vud VWI dk voykdu djds fodfl r fd; k x; k ¼ m] 1987('kekj 1987(I m 11997(okl qou] 1999(LokehukFku) 2000%A V&V dh ena cPpka dh ; kx; rk dks V&V djus ds fy, r\$ kj dh xbã vkj budh QhYM V\$LVæ vuq akku ny }kjk dh xbz bl i dkj r\$ kj fd; k x; k Vuy vka uokMh dhnz ds vuq kj dy 6 cPpka ij ykxirfd; k x; k ¼&4] 4&5 o"Kz vkj 5&6 o"Kz ds vk; & I eg dsnk&nkcPpka bl Vuy dh I gk; rk I s cPpka dh ; kx; rk vka dk eW; ka du fuEufyf[kr ds varxh fd; k x; ka

& Kku ¼ ã; kvka ds Kku I fgr½

& Hkk"kk

& I keftd HkkokRedrk

& ekkj.kkRed&ekrk

bl Vuy dh I gk; rk I s ikr fd, x, Ldkj dk sekstmk vè; ; u ds I nHkz ea dk; Øe ds , d vkmViW@ifj.kke ds: i eaekuk x; ka

okbz = I keku; Js kh ds varxh cPpka dh I ã; k

eW/ u rFkk vU; ¼ 1995½ }kjk I Øk, x, xqkoUkk ds 6 vk; ke & i Hkkohi u] Lohdk; Zrk] n{krk] igp] I ke; rk vkj I q ærrk cgf mi; Ør yxrs gA rFkfi] cPps dh ; kx; rk vka dk eW; ka du djus ds fy, fd, x, ekstmk vè; ; u ea , d cky KluktZ I {kerk V&V ¼ h , y I h Vhi½ fofHku , tãl ; ka@fo'kSkKka

okbz = xM I cPpka dh I ã; k

okbz = xM II cPpka dh I ã; k

okbz = xM III rFkk IV cPpka dh I ã; k



I eðdr cky fodkl I okvka ds rhu n'kd&, d eW; kaðu

v/; k; 5

okbz₇ = Ldny&iWZ f'k{kk ds ekeyka ea Hkkx yus okys 3&6 o"KZ rd dh vk; q ds cPpka dh I ð; k

I ð; k I kj.kh 5-8 eanh xbZgA I kj.kh ea; g nðkk tk I drk gS fd 150 ifj; kst ukvka ea I s vfedkka k ifj; kst ukvka 156½ us vkmViW@ifj.kkeka ds fgl kc I s

okbz₈ = ijh rjg ifrjf{kr cPpka dh I ð; k

vPNk dk; &fu"iknu fd; k Fkka rFkfi] 150 ifj; kst ukvka ea I s 21 ifj; kst ukvka dk dk; &fu"iknu

okbz₉ = ijh rjg ifrjf{kr %xHkorkZ efgykvkka I ð; k

cgr vPNk Fkk vkj 34 ifj; kst ukvka us Bhd

okbz₁₀ = LokLF; tkp %efgykvka dh I ð; k½

I kj.kh 5-11 % ifj.kke@vkmViW ofj,cyka ds fefJr Ldkj ds vkekj ij ifj; kst ukvka dk oxhZj.k

okbz₁₁ = LokLF; tkp %cPpka dh I ð; k½

okbz₁₂ = vk; kstr fd, x, , u , p bZMh I =kadh I ð; k

okbz₁₃ = I nfhkr ekeyka dh I ð; k

okbz₁₄ = ikbejh Ldny esa nkf[ky fd, x, ikl gq cPpka dh I ð; k

Øe I a	jkt; @I ðk 'kfl r {ks= dk uke	ifj; kst ukvka dh I ð; k				dy
		cgr vPNh	vPNh	vkj r	fuFu	
1	vkkkz in sk	4	3	0	0	7
2	v#.kkpy in sk	0	0	1	1	2
3	vl e	0	0	1	5	6
4	fcgkj	0	0	1	5	6
5	NUkh x<+	0	0	1	3	4
6	xkok	0	1	0	0	1
7	xqjkr	1	7	3	1	12
8	gfj; k.kk	0	4	0	0	4
9	fgekpy in sk	1	1	0	0	2
10	tEwrFk d'ehj	0	2	2	0	4
11	>kj [k.M	0	0	4	1	5
12	duW/d	1	4	1	0	6
13	djy	1	2	1	0	4
14	e/; in sk	0	3	2	3	8
15	egkj"Vª	3	5	0	0	8
16	ef.kij	0	0	0	1	1
17	eWky;	0	1	0	0	1
18	fetlje	0	0	1	0	1
19	ulxkyM	0	0	2	0	2
20	mMh k	0	0	2	6	8
21	i atkc	2	1	1	1	5
22	jktLFku	0	2	3	1	6
23	fl fdce	0	1	0	0	1
24	rfeyukMq	5	6	2	0	13
25	f=i jk	0	0	1	0	1
26	mUkj in sk	0	1	7	6	14
27	mUkj kpy	0	1	2	0	3
28	i f'pe caky	2	6	0	0	8
29	vWeku o fudkckj jhi I eg	0	1	0	0	1
30	pMhx<+	0	1	0	0	1
31	fnYyh	0	1	0	0	1
32	nknj vkj uxj gosyh	0	1	0	0	1
33	neu vkj nho	1	0	0	0	1
34	y{k}hi	0	0	1	0	1
35	i kMpoj h	0	1	0	0	1
	tkM+	21	56	39	34	150

I eðdr cky fodkl I ok dk; Øe ds vkmViW@ifj.kkeka dk eW; kaðu djus ds fy, Åij I phc) fd, x, ofj,cyka ds fefJr Ldkj dk ifjdyu ml h tM&Ldkj i)fr I s fd; k x; k] ftl i)fr I s buiW izaku ofj,cyka ds fy, fd; k x; k Fkka iR; d ifj; kst uk ds I cak ea ifj.kke@vkmViW ofj,cyka ds fy, ifjdfyr feJr Ldkj vuçak&18 eafn, x, gA

v km Vi W @ i f j . k k e ofj,cyka ds fefJr Ldkj ds vuçkj j jvax dh xbZ I eðdr cky fodkl I ok ifj; kst ukvka dh jkt; okj

dk; &fu"i knu ughafd; kA ; fn ge jkT; &okj forj.k dks ns[ka rks gea irk yxsk fd rfeyukMq dh ikp ifj; kst ukvka vklek insk dh 4 ifj; kst ukvka vks egkj"V" dh rhu ifj; kst ukvka us vkmViW/@ifj.kkeka dsfgl kc I scgr vPNk dk; &fu"i knu ughafd; kA egkj"V" ds ekeys es bl dk I Hkkfor dkj.k cgrj vol j pukRed I foekk, agksl drk gA tgard BfuEu Jskhp ds varxh ifj; kst ukvka dk I cak gs fcgkj] mMh k vks mUkj insk jkT; ka ds ekeys es bl h idkj dk # [k ns[kk x; kA

ekufp= 1/2p= 5-11 1/2 ij ns[kusl s0; fDr vkl kuh I s; g vuoku yxk I drk gSfd bchek#B jkT; ka dh dN ifj; kst ukvka us vPNk dk; &fu"i knu ughafd; kj tcf d nsk dsnf[k.kh vks if'peh Hkkx dh ifj; kst uk, a vkmVde@ifj.kke ofj, cyka ds fgl kc I s vPNk dk; Z dj jgh Fkha rFkfi] I hekorhZ ftyka dh dN ifj; kst uk, a Hkh fuEu dk; &fu"i knu dj jgh Fkha vks bl dk dkj.k ; g gks I drk gS fd njnjkt ; k I hekorh {ks=ka ea v'kkfUr jgrh gA

buiW/ka vks vkmViW/ka ds chp I cakka dsfgl kc I s ifj; kst ukvka ds dk; &fu"i knu dh tlap djuk Hkh fnypLi gkska I kj.kh 5-10 ea buiW/ka vks vkmViW/ka dsfgl kc I s ifj; kst ukvka dh rnyuk iLr dh xbzgA

mijkDr I kj.kh I s; g ns[kk tk I drk gSfd vkb ifj; kst ukvka ea cgr vPNs buiW vks vkmViW

I kj.kh 5-12 % buiW vks vkmViW ofj, cyka ds chp I cak

	vkmViW ofj, cyI 1/4 ifj; kst ukvka dh I 1/2				
buiW ofj, cyI 1/4 ifj; kst ukvka dh I 1/2	cgr vPNk	vPNk	vks r	fuEu	tkm+
cgr vPNk	8	13	1	0	22
vPNk	9	27	13	11	60
vks r	4	11	18	13	46
fuEu	0	2	10	10	22
dy	21	53	42	34	150

Fks ijUr qcgr vPNs vkmViW/ka okyh 13 ifj; kst ukvka ds dy vPNk vkmViW/ n'kkz, kA

vfekdkk 1/27 1/2 ifj; kst ukvka us buiW vks vkmViW/ n'ka vPNs n'kkz, A cgr vPNs buiW okyh dsy, d ifj; kst uk us vks r vkmViW/ fn[kk; kA bl fLFkr ds fy, foLr drk kka dk irk yxk, tkus dh vko'; drk gSvks ; sdkj.k ifj; kst ukvka dk dBu igp okys {ks=ka ea fLFkr gksuk ; k fuEu : i I s fodf l r {ks=ka ea fLFkr gksuk gks I drk gA 18 ifj; kst ukvka vks r buiW Fk vks mudk jsvax vkmViW/ ij Hkh vks ru fd; k x; k vks ; g ckr ij rh jg I e> ea vkus okyh gA rFkfi] dy feyk dj bl ve; ; u ds ueus ds fy, yh xbz dy 150 ifj; kst ukvka ea I efdr cky fodkl I ok ifj; kst ukvka ea I s vfekdkk 1/4 1/2 dks vkmViW/ka ij vPNk vks cgr vPNk jsvax fn; k x; k; kj tks dk; De ds fy, , d mri kgo/kd y{k.k gA

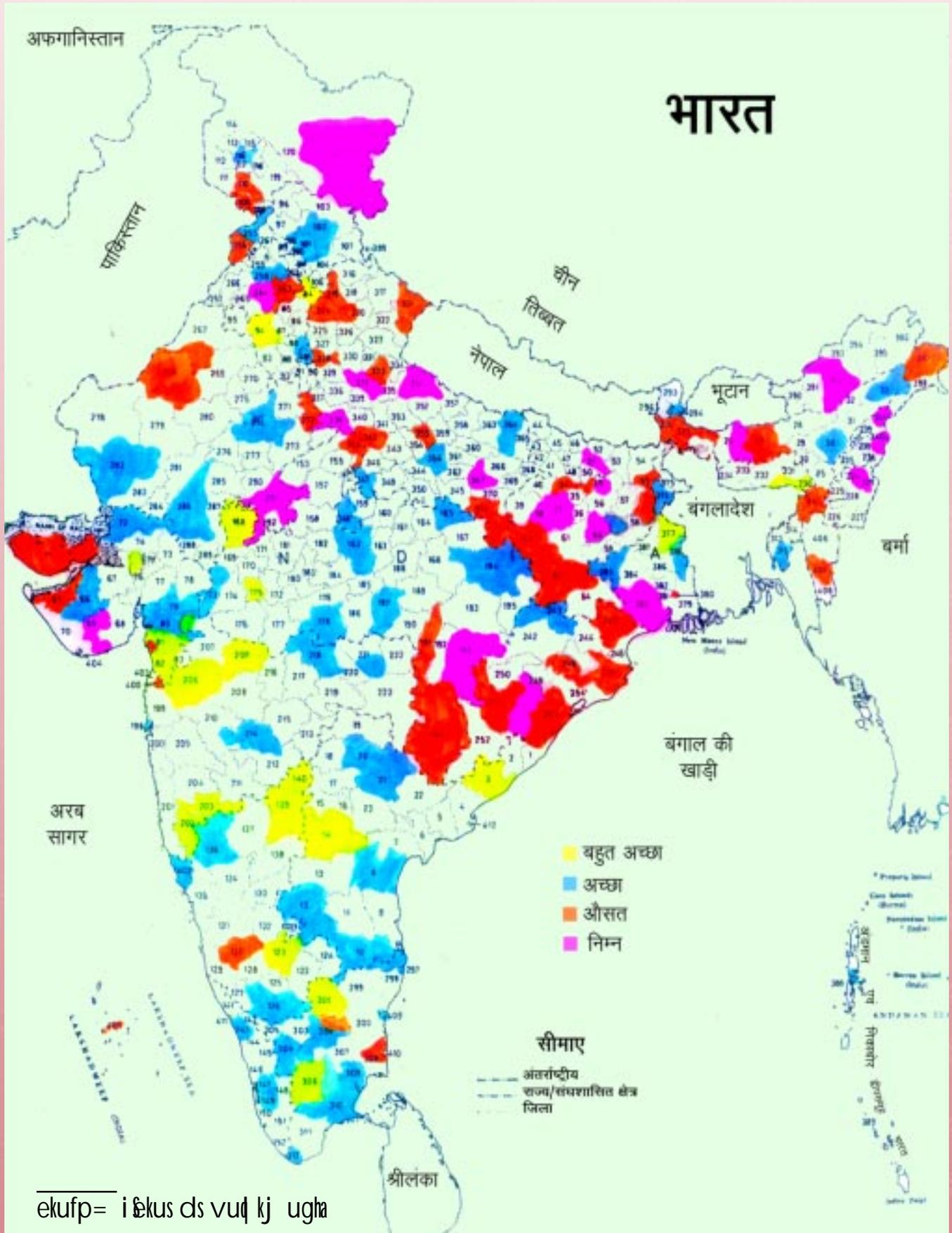
5-3 I kjkak

ekstmk ve; ; u ds fu"d"kk dh rnyuk fi Nys ve; ; uka I s djus ij bl ckr dh iqV gsrh gSfd fi Nys 14 o"z dh vofek ea vka uokMh dlnka ds Hkouka dh I j puk ea vks obax Ldsyka dh vki firZ ea, d fuf'pr I qkj gvk gA fi Nyh dN vofek ea rskr LVkQ ds i fr'kr ea I Hkh Lrjka ij of) gPZgA mMh k ds varxh if'k{k.k I s I aiekr I jdkj dh uohdr uhfr vks fo'o cd I s I gk; rki kr I efdr cky fodkl I ok ifj; kst ukvka ds varxh vfuok; Z fu; eka ds dkj.k if'k{k{kr tu'k fDr ea i; kr I qkj gvk gA

; fn fi Nyh dN vofek ea ge ij d iks'kkkj ds varxh ykHkxfg; ka dh dojst I s I aiekr vkadMka dh rnyuk dja rks ge ik, xs fd bl ea i; kr of) gPZgsvks bl dk



fp= 5-11% | efd r cky fodkl | l ok ds vkmVi q/ vkj i fj. kkeka dk eW; kadu



cPpka dh i kSkkgkj I ækh fLFkfr ij , d I dkjkRed
 i Hkko i Mka fi Nys dN I e; ea xHkhj : i I s vkj
 i kSk.k okys cPpka ds i fr'kr ea dkQh deh vkbZ gA
 ifj ; kst uk {ks=ka ea cPpka ds tle ds I e; otæ ea
 Hkh I ækkj gævk g\$ gkykfd ij d i kSkkgkj dh vki frZ
 ea dN 0; oëkku jgs g\$ fQj Hkh bu 0; oëkkuka dh
 ckj Eckjrk vkj vkofekdrk ea deh vkbZ gA dlnka ea
 fn, tk jgs Hkkstu dh xqkoÜkk ea Hkh I ækkj fn[kkbZ
 fn, gA I exz LokLF; I okvka dh fLFkfr ea I ækkj
 ns[kk x; k g\$ t\$ s I ækkxr i d oka ea of)] LokLF;
 I okvka dk ykHk mBkus okys ykHk xkfg; ka dh I æ; k ea
 of)] vkbZ , Q , Vcys/ka ds forj.k ea of) vkfnA

bl vè; ; u usi ; klr : i I s ; g fl) dj fn; k gS
 fd vPNs vkj\$ xqkoÜkk okys vkmViW cgrj ifj.kke
 gkus ds dkj.k ij d i kSkkgkj ij ctVh; i koëkku ea
 of) djus ds I jdkj ds orëku fu.kz I sfuf'pr
 : i I s cPpka vkj\$ efgykvka ds LokLF; ds I ækhZ ea
 dk; Dæ ds fy, vPNs ifj.kke yk, æA bl vè; ; u
 ea ifrj{k.k} fjdKMZ dh fi æ vkfn t\$ s dN {ks=ka ds
 ckjs ea crk; k x; k g\$ tgka vfed iz kl fd, tkus
 dh vko'; drk gA dgy feyk dj] I ešdr cky
 fodkl I ok dk; Dæ ns k ds cPpka vkj\$ efgykvka ds
 fy, , d cgr gh I dkjkRed vkj\$ vPNs Hkfo"; okyh
 rLohj išk djrk gA

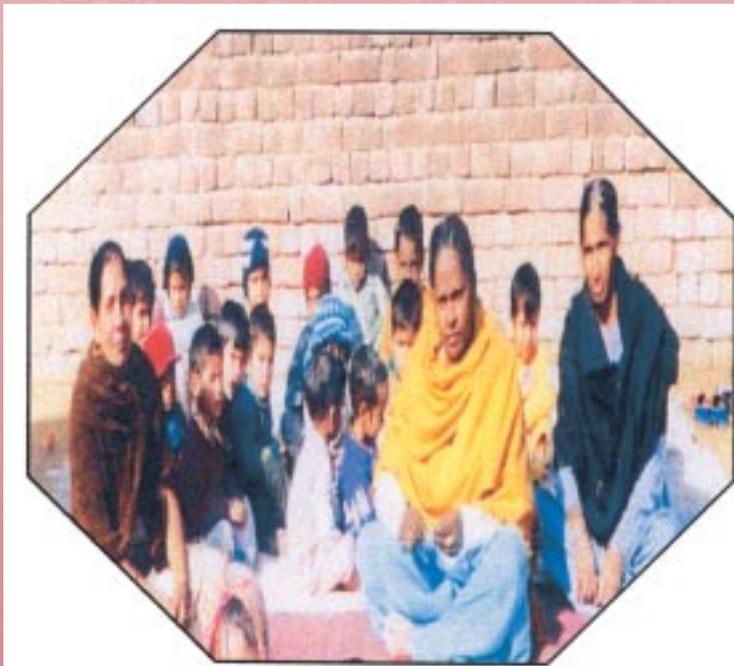




v/; k; 6

vflkuo i fjorú vkš l okške i) fr; ka

- 6-1 LokLF; l øk, a
- 6-2 i kškkkj
- 6-3 LokLF; vkš i kškkkj f' k{k
- 6-4 Lchj&i wZ f' k{k
- 6-5 cPpka ea fodykark
- 6-6 l økva dk duotš
- 6-7 ekuhVfjæ
- 6-8 0; ogkj i fjorú dsfy, l Eišk.k
- 6-9 vol jþuk
- 6-10 tu'kfDr dk if' k{k.k
- 6-11 l kjk k



vflkuo ifjorú vks l okúke i) fr; ka

fi Nysdñ o"kkæþ l ešdr cky fodkl l ok dk; ðe ds fodkl vks foLrkj.k ds l kfk] fupys Lrj ij cPpka vks efgykvka ds ykHk ds fy, dk; ðe dk i Hkkoh <æ l sdk; kÙo; u djusdh nf"V l svud vflkuo i) fr; ka dk mi; ksx fd; k x; k gA bl vè; k; eþ fofHkuu jkT; ka vks l æk 'kkfl r {ks=ka ea l ešdr cky fodkl l ok dk; ðe ea l Qyrki ðð iz ksx dh xbZ dñ vflkuo vks l okúke i) fr; ka i Lrñ dh xbZ gA ; si z ksx] vfrfjDr bui v/þ l ello; ra= ea l ækkj] if'k{k.k.] vù; fodkl dk; ðeka vks l epk; l eFkú ds l kfk duotæ rFkk 'kkfey gkaus ds fgl kc l } l æBukRed vks iz kkl fud l j puk , oa l ok ink; xh iz kkyh dks l ñ+ cukus ds fy, fd, x, gA fofHkuu iz kska dk nLrkosthdj.k djrs l e; l puk ds rhu l krka dk bLræky fd; k x; k% igyk] vè; ; u ds fy, vkadMka ds l æg.k ea yxs ny ds uskvka dh fji k/v nñ jk] jkT; l jdkja }kj nh xbZ l puk(vks rhl jk] efgykvka vks cPpka ij l æFku ds iy[ku dñz ds ikl miyçek l æækr nLrkostA

fua ng fdl h u, iz ksx l s iz kkyh ds vanj ifjorú dk , d i Svuzvk tk, xk] tksyf{kr ykHkxkfg; ka dh cnyrh gþzvko' ; drkvka vks t: jrka dks vù; Fkk ij k ugha dj l dæka rFkfi] fdl h fuf'pr dk; ðe ds dk; kÙo; u ra=] dks dHkh&dHkh iz kkyh ea , d s ifjorú ea #dcoV Mkyus okyk ik; k x; k gA rFkfi muds ifrjkæk ds ckotin] vud vol jka ij] mlUkaus , d svflkuo iz ksx djuseavi uk Hkj ij l g; ksx fn; k gš ftlga ij k djuk vDl j ef' dy gš vks ftl ds fy, ifjpr vks l foæktud rjhds NkMæuk vko' ; d gš D; kád bl ifø; k ds fy, iz ksx vks uohdj.k ds

i fr l a þr ; kstuk cukuk vks [kys i u dh rhozHkkouk dh vko' ; drk gA

l ešdr cky fodkl l ok ea gq vutkoka l s ; g eqk l keus vk; k fd l ešdr cky fodkl l ok dk; ðe dk; kÙor djus ea yxk; k x; k ij Ei jkxr rjhdk okLro ea vius mís; i klr djus ea geškk l gk; rk ugha djrka l e; chrus ds l kfk&l kfk] vud Lrjka ij u, j.kuhfrd gLr{ki fd, x, gA rkfd thou dh okLrfod l fFkr vks cnyrs gq l æBukRed rFkk iz kkl fud i Svuzds vud kj dk; ðe ea ifjorú fd; k tk l dA bl ds vykok] dk; ðe dh ; kstuk cukus vks ml ds dk; kÙo; u ea vkbZ dfe; ka iz kkyh ea ækhj&ækhjs l keus vkb] ftuds ifj.kkeLo: i vk'kf; r y{; ka dks okLrfod : i ugha fn; k tk l dka bl rF; l sbudkj ugha fd; k tk l drk fd tc dHkh dkbZ foQyrk ; k dfBukbZ vkrh gš ubz j.kuhfr; ka [kkstus dh vko' ; drk i Mh gš rkfd foQy gþz j.kuhfr dks cnyk tk l ds vks ekstmk i Svuz ea l ækkj fd; k tk l dA l cl s cMh ckr ; g gšfd tc ij k nš k cPpka ds pgeþ kh fodkl ij è; ku dñnr dj jgk gš ; g ckr Li"V gšfd jkT; l jdkja vks l ešdr cky fodkl l ok ds inkfekdkjh u, vflkuo ifjorúka dh [kkst dj jgs gA l kfk gh l kfk] ; su, iz ksx] cky fodkl dk; ðeka dh cnyrh vko' ; drkvka vks t: jrka dk vfire l ekèku ugha gA rFkfi] Nks/&Nks/s vks LFkkuh; bu vflkuo ifjorúka uš l Hkh l æækr LVd gkMjka ds l a þr iz kl ds eke; e l s mlur l ok, a inku djds l ešdr cky fodkl l ok dk; ðe ds mís; i klr djus ea cgr vfekd ; ksxnku fn; k gA

vixkeh i j kxkOkaeþ fi Nysdñ o"kkæþ l ešdr cky fodkl l ok dk; ðe ea iz ksx dh xbZ vks



vi ukbzxbz.dQ vfhkuo vks I okvke i) fr; kaðk , d I f(klr foøj.k fn; k x; k gA

6-1 LokLF; I ok, a

*1/2 vkuékz i n'sk vkfFkzd i uxBu
1/4 i hbzvkj 1/2*

vkuékz i n'sk vkfFkzd i uxBu 1/4, i hbzvkj 1/2
ifj; kstuk ds fo'o c&d l s l gk; rk
i klr l efdri cky fodkl I ok ds
l aKvd dh ifj; kstuk] tks, d dlnh;
i k; kstr ifj; kstuk g\$ vc i Hkkoh
gA ; g ifj; kstuk] l okkja ds ekè; e
l } thfor jgu\$ of) vks fodkl ds
fy, 'kSkodky l ækh n\$ kHkky dks
c<kok nus ij Qkd l djr h gA
ifj; kstuk es ikp o"lz dh vofek ds
fy, yxHkx 392 djkm+#i, dh dny
ykxr ij 251 Cykwl doj djus dk
i Lrko g\$ jkT; us l rksktud izfr
dh g\$ vks efgykva dk] ifj; kstuk
ds fodkl kRed m's; vks ifj.kke
i klr djus ds fy, l keftd
l aKvudrkvka ds: i eadk; Zdsfy,
vfhke[khdj.k fd; k tk jgk gA ij d
QhfMæ l kexh dh vfeki klr vks
forj.k dk\$ xte Lrj ij ekWhVfjæ
ea l epk; dks vfed ek=k ea'kkfey
dj d\$ fodlnh d'r dj fn; k x; k g\$
1/4 Hkkjr] ekuo l d keku fodkl e=ky;]
efgyk , oacky fodkl foHkkx%2002/A

1/4 k1/2 vU; jkT; ka ea iz kx

dq kSk.k okys B[krjs okyB ykHkxkfg; ka
ds dQ cM\$ l eWka ds chp] jktLFkk
vks xqtjkr] tgka, d o"lzrd dh vk; q

dscPpsvks xHkzrh rFk Lrui ku djkus
okyh ekrkvka dks [krjk gkrk g\$ ea
vkuokvka dk; Zrkz/kavks , , u, e }kj
l a Qr nks djds xgu dojst dsfy,
dQ ifj; kstukvka dh igpku dh xbz
gA LokLF; , oai fjokj dY; k.k e=ky;]
Hkkjr l jdkj dh ubz vkjHk dh xbz
Bvk'kkp uked ; kstuk ea fpdfRI h;
[kjkd dk vks B[krjs okyHk ekrkvka
dh i kSkkgkj l ækh vks LokLF; l j {kk
dh vko'; drkvs dk [; ky j [kus ds
fy, ifjokj dh vk; ea of) djus grq
j kstxkj ds l eFkZ dsfy, l gk; rk dk
i koekku j [kk x; k gA cky fodkl
ifj; kstuk vfedkfj; ka vks fpdfRI k
vfedkfj; ka u\$ Cykwl@ftyk Lrj ij
dk; kZUor dh xbz vU; vk; l tu
; kstukvka ds l kFk vi usdk; Zyki l Ec)
dj ds bl 0; oLFkk eafo' kSk #fp fn [kkbz
gA

6-2 i kSkkgkj

1/2 vluik'ku vfhk; ku

dq kSk.k Hkkjr ea , d iæ[k pps'h g\$
vks , u, Q, p, l 1992&93 ds vuq kj
pkj o"lz l s de vk; q ds 53 ifr'kr
Hkkjrh; cPps dq kSk.k ds f'kdj FkA
eè; i n'sk ep pkj o"lz l s de vk; q ds
57-4 ifr'kr NkV/scPpsdq kSk.k dsf'kdj
Fks 1/4 u, Q, p, l] 1992&93/A eè; i n'sk
ea vu ij d vkgkj nus ij tkx: drk
l ftr djus ds fy,] efgyk , oa cky
fodkl foHkkx us ^vluik'ku vfhk; ku*
1/2 vukt vlu i orZu vfhk; ku 1/2 vkjHk fd; ka
^vluik'ku* , d ekeZu Bku g\$ ft l ea
Lrui ku ds vykok cPps dks ij d Hkkstu



fn;k tkrk gA bl s l Hkh ifjokjka ea
mYykl vksj ekwekke ds l kFk euk; k
tkrk gA bl vfhk; ku l s cPpka dks
Hkstu nsus dh vPNh i) fr; ka ds ckjs ea
tlx: drk mRi luu gpz gS [Hkkjr] ekuo
l d keku fodkl ea=ky;] efgyk , oacky
fodkl foHkkx% 2002/A

¼k½ ds j QhfMax dk; Døe

plni j vksj ipegy ea NkV/s cPpka
vksj fxjr& i MfspyusokyscPpka rFkk
xHkzbrh , oa Lruiku djkus okyh
efgykvks dks cMh ek=k ea l šk i nku
djus ds fy, ekStunK ds j QhfMax
dk; Døe ij i q% QkdI djus dk iz kl
fd; k x; k Fkka bl dk; Døe ea LFkkh;
rkj ij mRi kfnr puh vksj el kyka ds
l kFk&l kFk dks uZ l ks k&nok] rsy vksj
mPp i kSkkgkj okyh vU; oLrq abLrky
dh tkrh Fkha ipegy ea blga , d
izdkj ds vluu ea idk; k tkrk Fkk]
tcfđ plni j dh l ešdr cky fodkl
l šk ifj; kstukvka ea ^l qknk* uked
[kkus ds fy, rš kj Lušđ fn; k tkrk
Fkk] ftl s u; s ^ml n* foŪki kš"kr
i kš šl x l a = ea Hkuuk tkrk Fkk vksj
fefJr fd; k tkrk Fkka ekockby
bul fođ i f' k(k. k ¼eLV½ usbudsvksj
xig vkekkfjr Hkstu dsegŪo ij tkj
fn; k vksj l enk; dks bl dk i Hkko
n'kkz k x; k] ftl si xfr dh ekWhVfjx
}kj k i qczyr fd; k x; ka bl ds vykok]
ykska dks LokLF; dlnka ea Hkstu ds
ctk;] vkxuoKMH dk; ZdrkZvka dks xko
ds Lrj ij foVkfueu , vksj
vk; ju@Qkfyd , fl M dh xkfy; ka

forfjr djus dh vuəfr nh xbA bu
xkfy; ka l s j rkbekh ds ekeys ea cPpka
ea foVkfueu , dh deh ds vU; y{k. kka
ea rFkk xHkzbrh rFkk Lruiku djkus
okyh efgykvka ea jDrkYirk dks
de djus ea vPNk [kkI varj vk; k
¼; v M% 1992/A

**¼x½ 2001 rd xHkhj dš kŠk. k dk mŪnyu
djuk**

mMhI k] ; Fkk' kh?kz NkV/s cPpka ds fodkl
dks c<kok nsus ds fy, è; ku&dšUnr
j. kuhfr dk bLrky djds xHkhj
dš kŠk. k dk mŪnyu djus graqfd, x,
iz kl ea , d vxz kh jkT; ds : i ea
mHkhj dj vk; k gA 14 uoEcj 1988
¼o' o cky fnol ½ dks vkj EHk fd, x,
dš kŠk. k fojkkeh vfhk; ku eaxHkhj dš kŠk. k]
vFkZr xM III vksj xM IV ds dš kŠk. k
dk mŪnyu djus dh dš' k' k dh xbZ
gA bl ds eq; rŪoka ea vufekxfer
vl g f{kr ifjokjka ds l kFk xgu
l kepkf; d l Ei dZ ekrvka vksj rhu
o" kZ l s de vk; q ds cPpka ij QkdI]
ixfr dh ekWhVfjx vksj l oekZu] i kSkkgkj
vksj fodkl l oakh ij ke' kZ LokLF; l g {kk
vksj mlur cky l g {kk ds fy,
l kepkf; d l eFkZu ds l kFk l oakh 'kkfey
gA ifjokj] l enk;] l fdžy] ifj; kstuk]
ftyk vksj jkT; Lrjka ij cPpka l s
l oəkr ifj. kkeka dh mlur ekWhVfjx]
vfhk; ku dh j. kuhfr ds ekšyd rŪo
gA jkT; dh fof' k"V vko' ; drkva ds
fy, mi; Ūr nckjk fMtkbu cuk; k
x; k , d ^mi HkkDrk&vuohy* l ešdr
cky fodkl l šk dk izaku l puk
izkkyh i šđst 1998 ea, d jkT; Lrjh;



dk; Zkkyk ds ekè; e l s vkj ðk fd; k
x; k [kkj] ekuo l d kèku fodkl
eæky;] efgyk , oacky fodkl foHkkx%
2002/A

**1/2k½ rfeyukMq I efdr i kSkkgkj
ifj; kstuk % i kSkkgkj vkj LokLF;
I okvka dks xkò rd ys tkuk**

vkblMh,] tks fo'o cðl dh fj; k; rh
__k 'kk [kk g\$ l s i klr 32 fefy; u
vejhdh Mkyj dh l gk; rk l s i kSkkgkj
vkj LokLF; dk; ðe ds : i eð
rfeyukMq ds dñ ftyka ea 1981 ea
rfeyukMq I efdr i kSkkgkj ifj; kstuk
'kq dh xbA 1990 earfeyukMq I efdr
i kSkkgkj ifj; kstuk II ds : i ea bl ds
nñ js i kñkkz ds nkj ku ifj; kstuk us
vkblMh, l s 72-8 fefy; u vejhdh Mkyj
dk __k i klr fd; k vkj Nk&s cPpka ds
fy, Ldny&iwZdk; Zdyki 'kkfey djus
grq viuh I okvka dk foLrkj fd; kA
rfeyukMq I efdr i kSkkgkj ifj; kstuk
i wkr%, d i kSkkgkj vkj LokLF; dk; ðe
ds : i ea vkj ðk dh xbZ Fkh] i jUrqnñ jh
ifj; kstuk ea Nk&s cPpka ds fy,
Ldny&iwZdk; Zdyki ka dks 'kkfey fd; k
x; kA rfeyukMq I efdr i kSkkgkj
ifj; kstuk ea dñ vl; ubZ fo' kSkrrk, a
Hkh Fkha cPps ds thou ds igys dñ
eghuka ea Lruiku dks c<kok nsus ds
l kFk&l kFk dk; ðe eð i kñHkd pj.k
ea Nk&s cPpka ea dñ kSk.k dk irk yxkus
vkj vkxsb l ds vkj vkxsc<us l sigys
bl dh jkdFkke dh 0; oLFkk djus dk
y{; j [kk x; kA l ye ds i kl fØLVh
YkbM xte m | ks } jk rfeyukMq
I efdr i kSkkgkj ifj; kstuk ds l Hkh

dñka dks l lykbZfd; k tkusokyk i kSkd
rUoka l s Hkjij vkVs dk mRiknu bu
fofunZ kuka dks è; ku ea j [krs gq fd; k
tkrk gA Hkqs gq xgñ caky ds pus
vkj fi l s gq l ks kchu l s cuk, x,
vkVs dks ehBk fd; k tkrk gS vkj l we
i kSkd rUoka l s i qV fd; k tkrk gA
feJ.k i fØ; k ds vñre pj.k ds nkj ku
bl ea vk; ju vkj dSY'k; e ds iwZ
fefJr foVkfey feyk, tkrs gA
rfeyukMq I efdr i kSkkgkj ifj; kstuk
dk i Hkko] vk'p; Ztud jgk gS vkj
cPpka ea dñ kSk.k ds ekeyka ea dkQh
deh vkbz gS % ml gacpi u eagh l Hkkyk %
rfeyukMq I efdr i kSkkgkj ifj; kstuk %
i kSkkgkj vkj LokLF; I ok, a xkòka rd
ys tkuk] ubZ fnYyh] fo'o cðl] 1998/A

1/1-½ I q kSk.k vfhk; ku

jKT; ea OSysvf; f=r dñ kSk.k dh jkdFkke
djus ds fy,] l Ei wZ i kSkkgkj dk y{;
i klr djus ds fy, NÙkhl x<+ds 'fe' ku
ekM' ea Qjogh 2004 ea l q kSk.k vfhk; ku
uked , d ; kstuk ¼; klr l rñfy [kj kd
vfhk; ku½ 'kq dh xbA bl ; kstuk ds
vrxr 110 Cykblka dks pñk x; k vkj
buea l s i R; d Cykbl ea pñs x, 10
vka uokMh dñka dks ekMly dñka ds : i
eafodfl r fd; k tk, xkA bu vka uokMh
dñka dks , d u; k] vkd "kd vkj ekgd
: i nusdsfy,] i Vx dk; Zdjusdsfy,
foÙkh; i koekku fd; k x; k gA bl dsfy,]
i js jKT; dsfy, , dl eku jx pñk x; k
gS 'l jdkj } jk pyk, tkus okys bu
pñulnk vka uokMh dñka dks ekhj & ekhj s
'l epk; } jk pyk, tkus okys vka uokMh
dñka ea ifjofr djus dh n"V l s



efgykvka ds I fØ; Lo; a l gk; rk I engka
dksvka uokMh dlnkadh I okvka dk 'kdkj k
I e; c) njhds I s fd; k x; k gS vksj
if'k{k.k} vokMz nsu; tkx: drk f'kfojka
vksj ifr; kfxrvka vkfn ij fd, tkus
okys foHkuu [kpkã dks ijk djus ds fy,
i; kZr i koëkku fd; k x; k gS 1/ny ds urk
}kjk I fpr fd; k x; k/A

1/2 nùkd ikyd ; kstuk

egjk"V^a ea nùkd ikyd ; kstuk 1/2 kn
fy, x, cPpka ds fy, ; kstuk 1/2 uked
, d vyx rjg dh vU; ; kstuk
dk; kZlor dh tk jgh gA bl ; kstuk
ds vrxh] I jipkã ipk; r ds l nL; kã
I epk; ds urkvkã I jdkjh deþkfj; kã
m | ks ifr; ka ; k Hkkst u] nokb] cPpka
dk i kSkkgkj kRed Lrj I keku; gkus
rd mudh fu; fer LokLF; tkp vksj
jQjy I okvka vkfn dh vko'; d
0; oLFkk djus tS h foÙkh; , o vU;
ftEenkfj; ka LoSPNd : i ea mBkus ds
bPNd vU; 0; fDr; ka I fgr yxka dks
dã kS"kr cPpka dh ftEenkjh I kã h tkrh
gA dã kS"kr cPpka dh ftEenkjh mBkus
ds fy, ftEenkj vksj bPNd 0; fDr; ka
dh [kkst djus vksj muga ifjr djus
ds fy, I æëkr cky fodkl ifj; kstuk
vfekdkfj; ka dh , d iæ[k pãkS"hi wZ
Hkfiæd gA

1/2 I ð keku dk ekufp=.k

Nùkhl x<+ ea I ð keku ds ekufp=.k dh
, d vfkkuo rduhd dk iz ks fd; k tk
jgk gA ; g rduhd] dã kS"kr vksj doj

u fd, x, ykHkxkfg; kadk i rk yxkusea
cgr ykHknk; d i kbz xbz gA xkã 1/2 xkã
ds Lrj ij I ð keku ds ekufp=.k 1/2 vksj
ckn ea ijs cykMh 1/2 cykMh ds Lrj ij
I ð keku ds ekufp=.k 1/2 dh , d Li "V
rLohj I e>us ds fy, ifj; kstuk Lrj
ij fo'kSk : i l s, d&fnol h; if'k{k.k
vk; kS"tr fd; k x; k FkkA ekufp=.k dh
ifØ; k viukus ds ckn ijk ifjn';
doy i; ðskdka vksj ifj; kstuk vfekdkfj; ka
ds fy, gh ugha cfYd ijs ftys ds fy,
I æfyr I pãk dk bLreky djus okys
ftyk vfekdkfj; ka dks Hkh vi kã d r vfekd
Li "V gks tkrk gS 1/ny ds urkvka }kjk
I fpr fd; k x; k/A

6-3 LokLF; vksj i kSkkgkj f'k{k

1/2 cky of) pkVZ

; M I gk; rk i nùk ; kstuk ds LokLF;
, oa i kSkkgkj f'k{k I ?kVd ea vkd"kd]
I pãkRed xHkõrh efgykvka ds vfHkFØ; k
dkMz vksj cky of) pkVZ 'kkfey gA
bu pkVka dks ?kj ij gh j [kk tkrk gS
rkfd LokLF; I ækh vkns k] ekrkvka dks
; kn fnyk, tk I dA ifj; kstuk ds vU;
igypka ea fuEufyf [kr 'kkfey gS &
vka uokMh dk; ðrkã/ka }kjk vk; kS"tr
Jkrk I engka ds fy, vdk'kok.kh ij
vuad ijs dk; ðekadk i ð kj.k vksj jSM; ks
Li kM] ifr; ka vksj I epk; ds I eFkZ dks
I phc) djus ds fy, fl usk gkM/ka ea
fn [kk, tkus okyh xqjkrh] ejkBh vksj
fglnh e] I efdri cky fodkl I ok
funs kky; ds ekë; e l s rS kj dh xbz
, d&, d feuV dh i kã fQYea 1/2 sfQYea
ckn ea ohfM; ks ea ifjofrZr dj nh xbz



Fkha vks blga nijnjkt ds bykka ea I py okguka ij fn [k; k x; k Fkk] ykdfi z, fQYeks I s m}j.k ydij blga vyaðr fd; k x; k Fkk½ vks xkø ds usrvka I s I efdri cky fodkl I ok dk; Øe ds fy, I eFku i klr djus grq, d 'k{k kd foofj.kdk ¼ w ¼ 1992¼A

¼ k½ ekMy I d kèku dlnz

pfid i kskkgkj vks LokLF; f'k{k dks c<lok nus ds fy, i f'k{k.k vko'; d gš bl fy, 2000&01 ea Vh, u, ij vkèkfjr i f'k{k dka dks i f'k{k kr djds i a krh d dM ekMy dk blræky djrs gq m Mh k] eè; inš k] jkt LFkku vks mUkj kopy eafo'o [kk | dk; Øe ¼ MCY; w , Q i h½ I s l gk; rk i klr I efdri cky fodkl js [kk okys ftyka ea vfhkuo i f'k{k.k vk; kš tr fd; k x; kA

bl I e; fo'o [kk | dk; Øe dh I gk; rk I s eè; inš k ds Vhdex<+ ftysea i kskkgkj vks LokLF; f'k{k ij , d ftyk ekMy I d kèku dlnz LFkkfi r fd; k tk jgk gš

thou pØ vi k vks ifr Hkkf xrk okyh KkuktZu rduhdka dk blræky djrs gq , d LokLF; vks i kskkgkj i f'k{k.k ekMy rš kj fd; k x; k Fkk vks fofHku xtgdk& vkj I h , p ds, e , u th vks rFkk , Q , u th vks Lo&'kDr vkfn ij i w& i jh{k.k dsckn bl svire : i fn; k x; kA bl si f'k{k.k ea forfjr fd; k x; k vks 0; ki d : i I s bl dk blræky fd; k x; kA

6-4 Ldny&i wZf'k{k

¼ d½ xqtjkr eaf [kykšuk cšd I cæh igy

oðpr cPpka dks f [kykšuka I s [ksyus vks [ksy vkèkfjr KkuktZu dk vuHko djus dk vol j inku djus ds fy, xqtjkr I jdkj , d f [kykšuk cšd LFkkfi r djus dsfopkj dh I Hkkouk dk i rk yxk jgh gš xqtjkr ea yxHkx 25]000 vkæuokMh dlnz }kj doj fd, x, yxHkx 12 yk [k cPps, d sgåftUga f [kykšuk cšd dh igy }kj ykHk inku fd; k tk, xkA I epk; Lrj ij f [kykšuka dk forj.k] f [kykšus dk , d I s ifr vkæuokMh dlnz gksk] ft I I s I eng [ksy ds dk; Zyk i kaea i krl kgu feyskA f [kykšuk cšd dh I dYi uk] cPpka ds cPpk gksus vks cpi u dk vkull mBkus ds vfekdkj dks i jk djus dh dkj bkz dks i æ [krk I s n'kzrh gš Hkkj r] ekuo I d kèku fodkl ea ky;] efgyk , oacky fodkl fohkx] 2002¼A

¼ k½ 'k{k kd I gk; rk

ešky; ea jk"Vh; 'k{k kd vuq æku vks i f'k{k.k i f'kn us 'k{k kd fdVa rš kj dh vks I d kèku dlnz ea blræky fd, tkus ds fy, blga 27 I efdri cky fodkl I ok i fj; kst ukvka ea Hkst kA vkæuokMh dlnz pykus ds fy, Ldny ds Hkouka dk Hkh blræky fd; k x; kA i kFkfed Ldny ds vè; ki d] i kFkfed f'k{k&i wZ vks pkfjd f'k{k ds fy, cPpka dks vkæuokMh dlnz ea Hkst rs gš jkT; 'k{k kd vuq æku vks i f'k{k.k i f'kn ds fo'kšK dkfeZka dh I okvka dk mi ; ksc] vkæuokMh i f'k{k.k dlnz ea fd; k tk jgk gš



I puk ,oa tu I EidZ foHkkx us
i EQysVks@i kLVjks@cplyS/ka dk
LFkkuh; Hkk"kkvka ¼[kkI h Hkk"kk½ ea
vuokn fd;k ½ePkk; I jdkj dk
efgyk ,oa cky fodkl foHkkx]
2005¼A

6-5 cPpka eafodykark

*¼d½ nl eaIs, d fHku rjhdsIsI {ke
cPpsrd igpusdsfy, I kepkf; d
dkjbbkz*

rfeyukMq dh LikfLVd I kd kbVh
¼LiLVu½usrfeyukMqdspxyiV ftys
ds ikp Cykblka ea I epk; &vkckfjr
i qokZ ¼ hchvkj½ ds 'fydst ekWY*
dk I QyrkiwZ iz; kx fd; kA ; s
dk; byki cgr vfekd [krjs okyh
xHkkzLFkkuhka dh igpku ds ekè; e Is
i d o&iwZ pj.k Is vkjkk gkrs gâ vkj
ckyokM+ ka rFkk Ldnyka ea fodykax
cPpka ds I PkVu rd pyrs jgrs gâ
bl ekWY dk I cl s egúoiwZ igyir
ekStmk I jdkjh bekjrka eafupys Lrj
dsLFkkuh; dk; Znrkz/ka dks dks ky varj.k
djuk gâ ekckby bVjosku oska tS s
vfHkuo fopkj vkj I gk; d mi dj.k
cukus ds fy, LFkkuh; I d kekuka dk
blrky djus tS sdk; ZHkh vkjkk fd,
x, gâ ¼Hkkjr] ekuo I d keku fodkl
ea=ky;] efgyk ,oacky fodkl foHkkx]
2002¼A

I kepkf; d I gHkkfxrk

¼d½ eatkukgYyh] tksdukW/d jkT; dsxteh.k
{ks= ea ,d NkVh I h cLrh gS ea xte
fodkl uked ,d xS&I jdkjh I xBu]
I efdr cky fodkl I ok vkj efgykvka
ds I eg] efgyk I febr us LFkkuh;
vkauokMh ea ij d Hkkstu vkj i kSkkgkj
dk; Ze eavHkur iwZ I kepkf; d i frHkkfxrk
dk usRo fd; kA f=i {kh; nFVdksk dk
mís; ; g gSfd bl vkauokMh dWnz ea
cPpka dks ,d ckj Hkkstu ds ctk, fnu
ea de Is de rhu ckj [kkus ds fy,
Hkkstu feyA 'feuh ehYI * us fnu ds
vfekdk k Hkkx ea cPpka dks vkauokMh ds
I EidZ ea j [kk vkj bl i fØ; k ea cPpka
dkj ij d i kSkkgkj ds I kfk&I kfk
vkuniwZ KkuktZ] LokLF; vkj I QkbZ
ds bui p/ka ds vfrfjDr ykHk i ktr gq
Hkkstu dh vki firZ ea rhu , tál ; ka }kj k
I gk; rk i nku dh xbA tcf d xte fodkl
us i kr%dkyhu Hkkstu dk foúki kSk.k fd; k]
I efdr cky fodkl I ok us nki gj dk
Hkkstu i nku fd; k vkj efgyk I febr us
I à; kdkyhu Hkkstu fn; kA eatkukgYyh]
dk; Z ea I kepkf; d Hkkouk dk ,d
mnkgj.k gS tgka vi us cky fodkl ds
y{; dks i ktr djus ds fy,] I hfer
I d kekuka dk b"Vre mi ; kx fd; k x; k
gS¼Hkkjr] ekuo I d keku fodkl ea=ky;]
efgyk ,oacky fodkl foHkkx] 2002¼A

¼k½ pkojk ep I efdr cky fodkl I ok
i fj; kst uk ¼dj y½ ea Ldny&iwZ f'k{k
dk; byki ka eakrvka dh I gHkkfxrk Is
cPpka dh mi fLFkfr vkj LFkkuh;



Ldny&iwz f'k{kk midj.k r\$ kj djus
vksj dgkuh I ukusea ekrkvka dh I okvka
dk mi ; kx djus ea xqkkRed ifjorZu
vk; kA bl izdkj] vkakuokMh dk; ZbrkZvka
ds Ldny&iwz dkskyka ea I qkkj djus ds
mif\$; I sfd, x, gLr{ksi ka ea ifjorZu
ykusdh {kerk gA cPpkads I kFk I kexh
dk bLreky djusdh vksj vfHke[k vksj
I q'f'kr vkakuokMh dk; ZbrkZ i Hkkoh
Ldny&iwz dk; De vk; kstr djus ea
I {ke gA

6-6 I okvka dk duot\$

1/4 1/2 vkakuokMh dlnz

mi & dlnka ea xBr cky fodkl ny
vksj vkakuokMh dlnz] gfj; k.k jkT; ea
vud xkoka ea I a qR Fks A ; g QhYM
Lrj ij nks I kFkkuka vksj nks izdkj ds
vFkkZ LokLF; rFkk I efdri cky fodkl
I ok iz kky; kads i nfkedkfj; kads I qkVu
dk , d in'ku Fkka mi & dlnka vksj
vkakuokMh dlnka ds I a kstu I s ; g
I q'f'pr gqk fd xk Lrj ij cky
fodkl ny] I epk; dks cgrj I ok, a
mi yCek djk, A

1/4 1/2 I okvka dk duot\$] e\$ky;

foHkkx }kjk inku fd, x, ijd
i k\$kkkj I \$ ykHkxkfg; ka }kjk U; ure
vi \$ {kr d\$ykh vksj i k\$hu ijs ughagk
I drsFka fufek I akh ck\$kkvka ds dkj .k
vud I qk= ykHkxkgh dk; De I sofpr
jg x, A foHkku dk; Deka ds eke; e
I s bu dfe; ka dks ijk djus ds fy,
I okvka ds duot\$ grqjkt; I jdkj

usvud mik; fd, gA I jdkj] [kk |
i kd fl ax] LFkkh; : i I s mi yCek
I fct; kq Qyk I efdri cky fodkl
I ok ifj; kst ukvka@vkakuokMh dlnka
ea nky r\$ kj djus vksj ifjff{kr
djusea [kk | , oai k\$kkkj ckMZ in'ku
dk; De dh I okvka dk ijk mi ; kx
dj jgh gA I efdri cky fodkl I ok
ifj; kst uk, q I a qR : i I s fo'o
Lruiku I Irkg] jk"Vh; i k\$kkkj I Irkg
vksj i k\$kkkj LokLF; f'k{kk f'kfoj
eukrs gA I efdri cky fodkl I ok
ifj; kst ukvka ds fy, I epk; , oaxkeh.k
fodkl foHkkx us bz , , I ; kst uk ds
vrxZ 129 vkakuokMh Hkouka dk fuekZ.k
fd; kA mlGkus tokgj jkst xkj ; kst uk
ds vrxZ I epk; Hkou dk Hkh fuekZ.k
fd; k gA ykd LokLF; bathfu; fjax
foHkkx us vkakuokMh dlnka ea vud
gM iEi yxk, A foHkkx us 1423 xkoka
ea I jf{kr ihus ds ikuh dh vki rZ
mi yCek djkbZ vksj I jf{kr ihus ds
iku ds fy, 114 xk doj djus ds
fy, dke py jgk gA

e\$ky; ea I ekt dY; k.k foHkkx u\$
I efdri cky fodkl I ok dh cBdka ea
jkt; Lrjh; I ello; dsfy, , d iz kkyh
LFkkfir dh gA bl I fevr u\$ e\$ky;
I jdkj ds dF"k , oacxckuh foHkkx ds
I kFk] vkakuokMh dlnka dks fu%kq d I Cth
ds cht vksj tgka dgha dlnz ds ikl
fdpu xkMZ j [kus ds fy, Hkfe g\$
"fdpu xkMZ" ds vkt kj mi yCek djkus
dk eqk mBk; kA mDr foHkkx I s ; g Hkh
vujkek fd; k x; k fd og d\$y] vukukl]
i i hrk] veykl] vkMq vkfn t\$ s 'kh?kz



mxus okys Qyka ds o{kkjki .k dks c<kok nA

foHkx us I efd r cky fodkl I ok i fj; kst ukvkaea250 ekv kj fgr pWg; I ksyj ybi] fdjkl hu LVka vksj ck; kxS I a a mi ycek dj k, A ; kst uk foHkx ds foKku , oa i kS] kfx dh I Sy us vkauokMh dbrka ea I gk; rk i ktr de ykx r ds okVj fQYVj mi ycek dj k, %e9kky;] efgyk , oa cky foHkx] 2005/A

1/2 mUkj in'sk ea ^dki y* j.kulfr

mUkj in'sk I jdkj ds cky fodkl I ok, a i kS'kkkj funs'kky; us rhu o"lz rd dh vk; q ds cPpka dh xqkoUkk okyh ns[kHkky vksj I j{kk I fuf'pr djus ds fy, vk; kstr dh xbz nks dk; Zkkykvka ds ifj .kke ij vkekkfjr o"lz 2002 ds nksj ku] jkT; ds nksftyka & JkoLrh vksj y[kuA ea vkjtkr% bl ; kst uk dks 'kq fd; kA fu; kstr firRo dks i kBI kfr djus I jf{kr ekrRo] uotkr f'k'kq/ka dh mlur xqkoUkk okyh ns[kHkky dks c<kok nsus vksj cPpkadh ns[kHkky dsfy, I okUke i) fr; ka vi ukus dsfy, ifjokjka rFkk I epnk; ka dks ifjr djus grq ftyk vksj CykMl Lrjka ij I nHkZ I eng xfBr fd, x, gSrkd cPpkadh eR; qnj ea deh vk I ds vksj cPpka ds pge[kh fodkl dks I fuf'pr fd; k tk I dA pfid dk; De dk mis; Nks/s cPpka dks thfor j[kuk] ns[kHkky vksj I j{kk inku djuk g\$ bl fy, bl sfgUnh ea ^dki y* uke fn; k x; k gA dki y 'kCn fuEufyf[kr I s curk g%

ds & uksyst 1/4ku1/4 vks & vksj , d/s ku 1/4fHked[khdj .k1/2

ih & ikVhI I s ku vkND ih y 1/4ykska dh ifrHkfxrk1/2

, & , o\$ ju\$ 1/4tk#drk1/2 vksj , y & yo 1/4e1/2

; g dk; De] rhu o"lz rd dh vk; q ds cPpka dh ns[kHkky ds ckjs ea , d jk; cukus grq I efd r cky fodkl I ok] LokLF;] ikFked f'k{kk vksj i pk; r ds vxz kh in kfeckfj; ka rFkk CykMl Lrjh; in kfeckfj; k@dk; Zrkz/ka dks I onu'khy cukrk gA ; g dk; De I epnk; ds {kerk fuekz k dsfy,] cPpka vksj efgykvka dh LokLF;] i kS'kkkj rFkk eukoKkfud vko' ; drk, a Hkh fuekzjr djrk gA ; g dk; De] ifjokjka vksj I keU; : i I s I epnk; ea dks kyka vksj Kku ds mlU; u dsfy, cky fodkl ifj; kst uk vfeckfj; k i ; bskdka rFkk vkauokMh dk; Zrkz/ka ds chp ny dh Hkkouk fodkl r djrk gA ; g ifj; kst uk enyr% I epnk;] ykHxkgh ifjokjka vksj vkauokMh dbrka ea ns[kHkky djus okys 0; fDr; kadschp fopkj & foe'kz ckr&phr dks c<kok nsus ij Qkd I djrh gA dki y dh j.kulfr ea I efd r cky fodkl I ok] LokLF; vksj f'k{kk foHkxka ds in kfeckfj; ka rFkk i pk; rh jkt I fFkvka ds pqs gq ifrfufek; ka ds duotV I engka dk xBu 'kkfey gA I nHkZ I eng dgs tkus okys bl I eng us xte Lrj ij vxz kh dk; Zrkz/ka dh I gk; rk djus mlga I ykg nsus rFkk mudk ekxh'kz djus ds fy, fujarj f'k{kk dh 0; oLFkk dhA vkjtkr% i kp ftyka & ckjka dh] cgjkbp] QStckkn] fp=dW vksj okj.k.kl h ds , d&, d I epnk; fodkl [kM eadk; De vk; kstr



fd; k x; kA bu ikp Gykkka ea l Hkh
vka uokMh dlnka dks doj fd; k x; kA
dksi y j.kuhfr dh iæf'k mi yfcek; ka
fuEufyf[kr gA

- foHkku foHkxka ds dk; Þrkvka ds chp
ny dh Hkkouk l ftr djuka
- xHkzrh ekrkvka ds 'kh?kz i athdj.k vksj
cgrj i l okkij n[kHkky dh l æ; k ea
of) djuka
- l jf{kfr i l o ds fy, l epk;] fo'kSk
: i l sfi rk dh Hkxhnhkj h eaof) djuka
- uotkr f'k'k'ka dh cgrj n[kHkky djuka
- uon[eki ku] Lruiku vksj 6 eghus ds
ckn vek&Bkd Hkstu vkjHk djus dks
c<kok nuka
- i Hkkoh fodkl l ækzu vksj ekWhVfjA
- HknHko ds fcuk ckfydkvka dh n[kHkky
djuka
- tleka dk i athdj.k djuka

¼mÜkj i n[k l jdkj] efgyk ,oa cky
fodkl foHkx] 2005¼A

**¼k½ fcgkj vksj >kj [k.M jkT; ka ea 'ngykj*
j.kuhfr**

bl j.kuhfr dk[>kj [kM jkT; l jdkj
ds l ekt dY; k.k foHkx] tks bl
dk; Ðe dsfy, ukeksí"V ukMy , tã h
g[}kj k l kepkf; d ,oa ifjokj
l 'kDrhdj.k ds m[s; l s dk; kZUor

fd; k x; kA fpdfRI k] LokLF; vksj
ifjokj dY; k.k foHkx] i kFkfed f'k{k
fun[kky; vksj >kj [kM f'k{k i fj; kst uk
foHkx] bl dk; Ðe dksdk; kZUor djus
okys vU; l fØ; l k>hnhkj gA ; g
dk; Ðe jkT; ds pkj ftyka & jkph
i whz fl gHkwe] if'peh fl gHkwe vksj
l jk; dsyk ea dk; kZUor fd; k x; kA
ngykj ifj; kst uk ea ekrkvka cPpka vksj
fd'kksj ckfydkvka dh LokLF; rFkk
i kSkkgkj l æakh fLFfkr es l ækj djus
rFkk ekrkvka ,oa cPpka dh eR; qnj ea
deh djus dk iz kl fd; k x; k gA bl
dk; Ðe dk ; kxnu] fd'kksj ckfydkvka
vksj ekrkvka ea jDrYi rk dh ?kVukvka
ea vPNh [kkl h deh l s Li"V gA bl
dk; Ðe ds ^thou pØ n"Vdks k* us
, d l ?ku rjhds l s fuEufyf[kr {ks=ka
ij è; ku d[Unr fd; k] ftl ea , d
varfu[gr fj i kSVk vksj ekWhVfjA ræ
okys fuEufyf[kr cgæf'kh foHkxh;
dk; Þyki 'kkfey fd, x, %

- fd'kksj ckfydkvka ds fy, jDrYi rk
fu; æ.k dk; ÐeA
- fd'kksj ckfydkvka ds thou dh xqkoÜkk
ea l ækj djuk & fd'kksj h 'kDr ; kst ukA
- l jf{kfr ekrRo vksj xHkzLFkk ds nk[ku
i; kZr i kSkkgkj A
- 0&3 o"z ds chp dh vk; q ds cPpka dh
i kSkkgkj rFkk LokLF; l æakh fLFfkr ea
l ækj djuka
- l epk; vksj ifjokj ds Lrjkai j ekWhVfjA
djuka



bu dk; Þyki ks eð ftyk dk; Þe
vfekdkfj; ka vks f'k{k foHkkx ds mu
inkfekdkfj; ka tks dk; Þe ds y{; i klr
djus ea l gk; rk djus dh fLFkr ea Fkš
tš s ftyk Lrjh; dk; Þdrkzvka ds
vflked[khdj.k 'kkfey gA bl ds vykokl
Cykkid Lrjh; inkfekdkfj; kavks xte Lrjh;
dk; Þdrkzvka dk xgu {kerk fuekzk i f'k{k.k
vk; kštr fd; k x; ka vi ukbzxbzj .kultfr
dh eð; fo'kškrkvka ea l s , d fo'kškrk
xte l Ei dZ vflk; ku FkA xte l Ei dZ
vflk; ku ds varxir vkusokys dk; Þyki ka
ea fuEufyf[kr 'kkfey Fk%

- tkx: drk mRi lu djus ds fy,
xteokfl ; ka }kjk i HkkR QjhA
- ih, y, dsekè; e l sl kelftd ekufp=.k
vks l a keku ekufp=.ka
- xkø dk ekufp=.ka
- y{; l engka ds l kFk Qkd l l eng ppkz, ð
ftuea LokLF; vks i kškkkj l æakh eðka
%obax vks fodkl ekvuhVfjx% i frj{k.k.} l
l jf{kr ekrRo ds fy, ekeyk vè; ; u] l
i jke'kz vkfn dks i æð[krk l sn'kkz, k x; k
gA
- ekrk vks cPpkadh nš kHkky dh egúoi wkz
i) fr; ka dk i n'kzA
- uðdM ukVdA
%>kj [kM] l ekt dY; k.k foHkkx] efgyk
, oa cky fodkl foHkkx] 2005%A

ngykj j.kultfr dh i æð[k mi yfC/k; ka
fuEufyf[kr gA %

- & Lruiku 'kh?kz vkjHk djus ea l qkkjA
- & vuqjyd vkgkj nus ea l qkkjA
- & cPpka dh cgrj nš kHkky
- & i l okškj mlur nš kHkky
- & fd'kšj yMfd; ka ds chip jDrkYi rk dh
?kVukvka ea deh
- & i frj{k.k dk of) r dojst

1/1-1/2 cky Hkkst

NÜkhl x<+jkt; l jdkj ds efgyk , oa
cky fodkl foHkkx uš l efdri cky
fodkl I ok dk; Þe ea l epk; dh
i frHkkfxrk i klr djus ds fy, cky Hkkst
dh igy dh gA vkauokMh dšntka ea
xfBr efgyk Lo&l gk; rk l eng] i fjokj ka
l s dN pkoy] Qy vks vl; [kk |
l kexh , d= djrs gš mluga , d l kFk
bdèk djrs gš vks cPpka ds fy, cky
Hkkst vk; kštr djrs gA cky Hkkst dk
vk; kstu fHkuu&fHkuu xkøka ea l l rkg ea
, d ckj] 15 fnu ea , d ckj vks eghus
ea , d ckj fd; k tkrk gA bl 0; oLFk
dk i zaku vks fu; æ.k Lo&l gk; rk
l eng ds l nL; ka }kjk fd; k tkrk gA
bl i zkj inku fd; k x; k Hkkstu i kškd
vks Lokfn"V gšrk gA bl i zkj vk; kštr
cky Hkkst l s l efdri cky fodkl I ok
i kškkkj dk; Þe dk cgrj i ; bš{k.k



I fuf'pr gkrk gA i pk; rh jkt I LFku] vFkr xte ipk; r ds ifrufek vc vkl &ikl ds xkoka ea Hkh bl i) fr dks i kll kfgr djus ds fy, vksx vkrsgq vksj I fO; : i I sHkx yrsqg n[ksx, gA cky Hkkt dh 0; oLFkk bl rjhds I s dh tkrh gS fd LokLF; vksj LokLF; vU; I ekr dk; Zdyki ml h fnu doj fd, tk I dA bl i dki] cky Hkkt ds fnu] , d rjQ rks I epk;] cPpka dks i kskd Hkktu ijkd us ea I fO; : i I s 'kkfey n[kk tk I drk gS vksj ni jh rjQ vkakuokMh dk; Zdrkzka dks Lo; a I gk; rk&I egrk xHkzrh vksj Lruiku djkus okyh efgykvs dk otu djusea 0; Lr ik; k tkrk gA bl ds vykok] , , u, e@, y, p, e dks vkakuokMh dlnka eaVhdkdj.k I ok, inku djrsgq ik; k tkrk gA okLro ea cky Hkkt dks igy us vkakuokMh dlnka dks duotM/ ikbA/ ea ifjorfrZ dj fn; k gA

cky Hkktu igy dh dN i e[k mi yfEk; ka fuEufyf[kr gA

- I ešdr cky fodkl I ok dk; De ds m[š; kavšj I okvka dsckjseaLo; &I gk; rk I egr ds I nL; ka ds chp tkx: drk Li"V gA
- Vhdkdj.k] LokLF; tkp vksj vU; dk; Deka ea efgykvs dks I fO; : i I s Hkx yrsqg ik; k tkrk gA
- d[ksk.k dsckjsea tkx: drk eaof) gDZ gS vksj d[ksk.k dk irk yxkus rFkk ml dh jkdFkke djus ds fy, cPpka dk otu djus ds fy, I fO; : i I svuorhZ dkjzkbZ dh tkrh gA
- d[ksk.k dk f'kdki] cPpka dks vi ukus vksj mudh I rgyr [kjd dh ijh

ftEenkh yus ds fy, vc efgykvs ds Lo&I gk; rk I egr vksx vk jgs gA

- d[ksk.k ds f'kdki] cPpka dh I ph xte I Hkkt dh cBdkaeai <dj I qkbZ tkrh gA
- 1/ny ds usk }kjk I fpr fd; k x; k1/2

1/2 xqjkr ea xš&I jdkjh I xBu dk iz kx

I ok 1/2keh. k1/2 >xFM+ k] HkMk vksj Hkkt kyh VLV] I kcjdBk] xqjkr ea I ešdr cky fodkl I ok dk; De dks dk; kLor djus okys nks xš&I jdkjh I xBu] duotM/ I kepki; d dkjzkbZ ds fy, rkypk vksj ftyk i pk; rka ds I kFk fudV I g; kx dke dj jgs gA tetkaki] tke uxj ftys dh rkypk i pk; r] xM III vksj xM IV ds cPpka dks I kekt; cPpka ds Lrj rd ykus vksj mUga fi Nyh fLFkr ea tkus I s jkdus ds fy, mu cPpka ds ifjokjadksfoLkh; vksj 0; fDrxr I gk; rk inku djus gsrq vehj nkudrkzka dks , d I kFk ykbZ gA I LFkxr I ok, f ftyk@rkypk@cykM Lrj dh I jpuk ds vni] , d dk; kRed I g; kx ds vud vol j miyEk djkrh gA i kFked LokLF; dlnka vksj vU; I jdkjh foHkxka dh I epk; &vkekkrj I okvka uš I jdkjh LokLF; dlnka ds I kFk ; k I kepki; d I okvka ds I kFk ; k foi jhrr% f}i {kh; 'kš(kd vksj jQjy I ak LFkfi r fd, gA

1/2 dgy ea iz kx

efgyk I 'kDrhdj.k ds eke; e I s cPpka ds fodkl dks c<kok n[ks okyh , yli q-k I kepki; d fodkl I kd kbVh 1/4 Hkh, I 1/2



uked I kFkk ds tfj, døy I jdkj }kjk fd, x, iz; kx dk fo'kSk : i I s mYys[k fd; k tk I drk gA ; g enyr% I epk; &vkekffjr i kSkkgkj dk; Døe ¼ h ch , u ih½ 'kgjh eksyd I ok dk; Døe ¼ wch , I ih½ dk dk; kDø; u g\$ ftl ea vR; fekd tkf[ke okys ifjokjka dk irk yxkus ds fy, uks x\$ &vkfFkd I d\$rdka ds I kFk , d tkf[ke bMØI dks doj fd; k x; k gA ; g I d\$rd g\$ & dPpk edku] ihus ds I jf[kr i kuh rd igp] I sVjh 'k\$ky; rd igp] ifjokj ea vf'kf[kr i k\$+I nL;] ifjokj ea dekus okysD; fDr; kadh I \$; k , d I svfed u gksuk] ifjokj dks fnu ea døy nks ckj Hkkstu feyuk] ifjokj ea i k\$ o"zI sde vk; q ds cPpka dh I \$; k] vud\$ fpr tkfr@vud\$ fpr tutkfr ds ifjokj v\$ ifjokj ea 'kjk@Mx dh yA

¼t½ ftyk ikFkfed f'k{k dk; Døe ¼h ih bz ih½

I Hkh ftyk ikFkfed f'k{k dk; Døe ; kstuk, avk\$ j . kuhfr; karFkk e/; LFkrk, j vud\$ fpr tkfr] vud\$ fpr tutkfr v\$ fodykax cPpka rFkk vYi I \$; d I eng I sl e\$kr cPpka fo'kSk : i I s ckfydkvka t\$ sojpr I engka dh fo'kSk vko' ; drkvka dks ij k djus ds fy, r\$ kj dh xbz gA ; g dk; Døe] I keld; r%I epk; dh I fØ; I gHkkfxrk v\$ fo'kSk : i I s vud\$ fpr tkfr] vud\$ fpr tutkfr rFkk Iekt ds fi NM\$ oxk\$, oa efgykva dh I fØ; I gHkkfxrk i ktr djus ea dkQh I Qy jgk gA ftyk ikFkfed f'k{k dk; Døe I gHkkfxrk i fØ; k ij Hkh cy nrk g\$ ftl I s LFkkuh; I epk; dks nkf[kys dks c<kok ns\$ mi yf\$ek; ka v\$ I kelftd

ifjorZu ea I fØ; Hkiedk fuhkkuseal {ke cuk; k tkrk gA e\$; LFkrkvkaeaLdny ds Hkouka dk fuekZk] i <kbZ dh KkuktZu I kexh] i f'k{k(k i) fr; ka ea I \$kj v\$ vdknfed I gk; rk dsfy, {kerk fuekZk 'krfey gA I exz okroj .k mRi Uu djus v\$ ckfydkvka ds nkf[kys ds I \$ak ea I eFkZu dks I yHk cukus dsfy, Mh ih bz ih ds iz; kl mu {ks=ka ij I d\$Unr jg\$ tgka I efdri cky fodkl I ok dk; Døe dk; kDøor fd, tk jgsFk\$ D; k\$ d vka uokMh d\$bn] cPpka dks Ldny ea nkf[kys dsfy, r\$ kj djrs g\$ v\$ Ldny Mki vkmV ea deh djus I fgr cPpka dks Ldny ea cus jgus ea I f\$ekk i gpkrs gA

gfj; k.kk dk mnkgj .k fn; k tk I drk g\$ tgkaefgyk I nL; ka v\$ vka uokM+ ka ds i frufekro v\$ I fØ; I gHkkfxrk ds eke; e I s Mh ih bz ih ea I kmpk; d I gHkkfxrk v\$ ykecnh dk , d mPp Lrj ns\$kk x; k gA egkj k"V" ea xke f'k{k I fefr; ka xFBr dh xbz g\$ v\$ muea efgykva dh I \$; k døy I nL; ka dh vkekh gA ; s I fefr; ka vU; enka ds I kFk&I kFk ckfydkvka dh Mki vkmV fLFkr dh I eh{k djrh gA bl ds vykok] vka uokMh d\$bnka ds i nkfedkfj; ka v\$ ykecnh vfHk; kuka ds i Hkkohi u ij vDI j ppkZ dh tkrh gA okLro ea I efdri cky fodkl I ok ds varxZ doj fd, x, {ks=ka ea dk; j r ^vyhZ pkbYMGMI ds j , .M , twd\$ ku %bZ I h I h bz d\$bnka dk I e; , d gh g\$ tks i k r%8-00 cts I s 'kke 4-00 cts rd gA bl ea vka uokMh dk; ZrkZvka dks ftyk ikFkfed f'k{k dk; Døe okys fufek I svfrjDr ekus fn; k fn; k tkrk gA ftyk ikFkfed f'k{k dk; Døe okys d\$bnka ea Hkh Mhi hbZ h



i kFkfed Ldnyka ds l kFk l e; dk duot
 gA bl ds ifj. kkeLo: i vkxuokMh d binka
 dh I okvka dh xqkoUkk ea l qkkj ds fy,
 vfed ykHkkak i ktr gqk gS vksj bl us
 ijLij l eFkZukRed y{; i ktr fd; k gA
 c<h gpz tkx: drk ea vksj ckfydkvka
 dh f'k{k ij tkj nsus ds l kFk , d
 i R; {k 'fLi u vkM* ij fopkj fd; k x; kA
 vkxuokMh d binka vksj ftyk i kFkfed
 f'k{k dk; D e ds bZ l h l h bZ d binka ds
 l a p r iz kl ka l s, d fyax ifji x; dks
 'kkfey fd; k tk l dkj ftl dk mis;
 f'k{k ea ckyd vksj ckfydkvka dh
 vl ekurk dks de djuk gS tks
 ckfydkvka ds de nkf[ky; Ldny ea de
 l q; k eafVds jgus vksj mi yfcek; ka l s
 inf'k' gsrh gA vkxuokMh d binka us
 Hkh ckfydkvka dh igp] nkf[kys vksj
 Ldny iz kkyh eafVds jgusea of) djus
 ds fy, fof'k"V j. kuhfr; ka rS kj dh
 gA i kFfed Ldnyka ds fudV okys vksj
 l efd r cky fodkl I ok ds duot
 okys bZ l h l h bZ d bnz bl ckr dk
 l eFkZu djrs gA fd ckfydk, a i kFkfed
 Ldny ea mi fLFkr jgA

6-7 ekWVfjx

*1/2 dEI; Wjhd'r l p uk iz kkyh 1/4 h vkbz
 , l 1/2*

; v M l e f f k r i f j ; k s t u k u s l e f d r
 cky fodkl I ok ds fy, , d
 dEI; Wjhd'r l p uk iz kkyh dk fodkl
 djds vksj ml dk ipkyu djus ds
 fy, rduhf'k; uka dks i f'k{kr djds
 l jdkj dh l gk; rk djus dk iz kl
 fd; k gA bl ea pkj ijLij l a ekr
 dk; bdyki gA & d bnh; vksj jkT;

Lrj ij ekfl d ixfr fjiksVx rS kj
 djus ds fy, cfl d gkMbs j vksj
 l kMVoS j] iz kkyh ea ifo"V fd, tkus
 okys cfl d vkadMka dh xqkoUkk ea
 l qkkj djus ds mik;] l efd r cky
 fodkl I ok iz kkyh eami ; p r LokLF;
 l p uk 'kkfey djuk vksj d bnh;] jkT;
 vksj ftyk Lrj ij fu. kZ yus okys
 0; fDr; ka ds fy, ykHknk; d QhMcSd
 ra= dk fodkl djuk 1/4; v M% 1992YA

1/2 ixfr fjiksVx iz kkyh

izaku l p uk iz kkyh dh vl yh tku
 ekfl d dEI; Wjhd'r ixfr fjiksVx
 iz kkyh 1/4 h vj , l 1/2 gsrh gA bl
 l kMVoS j dks mUkj kS kj efgyk , oa
 cky fodkl foHkkx }kj k ifj"dr fd; k
 x; kA ixfr fjiksVx iz kkyh] ekudhr
 vksj bLrky djus ea vkl ku gS
 i kFkedrk okys dk; bdyki ka dks n'kkrh
 gS QhYM l a kh vkadMka dh ifj'kq rk
 dh tkp djrh gS izaku dk , d
 mi; ksch l keku gS vksj l e; l s QhMcSd
 nrh gA Hkkjr l jdkj us vc ixfr
 fjiksVx iz kkyh dk foLrkj . k 11 jkT; ka
 vksj l a k 'kfl r {ks=ka & rfeyukMq
 jkT Lfkkj] if'pe caky] v#. kpy
 inS'k] fcgkj] mUkj inS'k] d j y]
 i kMpsgh vksj fnYyh rd dj fn; k gS
 1/4; v M% 1992YA

1/2 Lo&ekWVfjx ny 1/4 l , e Vh1/2

; g iz kx NÜkh l x<+ea fd; k tk jgk
 gA Lo&ekWVfjx VWI mu l okUke
 i) fr; ka ea l s, d gA tks oS fDr d Lrj
 ij l ftr dh tk jgh gS 0; ofLFkr dh
 tk jgh gA vksj ekWVfjx dh tk jgh
 gA iz kkyh ds i R; d l S/ ea ekWVfjx



VVI ; k nhokj dh iAVXl ¼ [kh l gsyh dy'k] l ijtet[kh] pkn] l ijt] rnyl h pks½ gkrh gá vks bu mi dj .kka dh l gk; rk l s efgyk, ½ vk; ju Qkfyd , fl M xksy; ka ds varxg. k] , , u l h] Vhdkdj.k vks cPpka ds fy, vull; vks i kjHkd Lruiku dh ekWhVfjæ dj l drh gA bu VVI uš ykHkxkfg; ka vks mudsifjokjka dh vfekd 0; kogkfjd rjhds l s eè; LFkrkva dks l e>us ea l gk; rk dh gA

6-8 0; ogkj ifjorú dsfy, l Eišk.k

¼k½ 'ehuk* l Eišk.k iðst

ehuk] ehfM; k dh , d igy gš ftl dk mfs;] {ks=h; Hkk"kkvkaea l keftd fo"k; inf'kr djus ds fy, l pkj.k dk blræky djrs gq l kdZ ns'kka ds chp l keftd ifjorú ykuk gA ehuk] tks , d ckfydk gš dks cgr mRI qd vks vR; fekd izuka okyh ckfydk ds: i ea inf'kr fd; k x; k gš ckfydkvka dh de ns[kHky D; kadh tkrh gš yMfd; ka Lohy D; ka ugh tk l drhæ yMfd; ka dks viškdr de Hkstu D; ka fn; k tkrk gš yMfd; kadh 'kknh de mezea D; kadj nh tkrh gš ekrk&fi rk yMfd; ka ds epkcy yMka dks oj; rk D; ka nrs gA ehuk cky vfedkjka dh ekež ks) k gA l efdri cky fodkl l ok dh igpku] dkjžkbl vuq akku ds eke; e l š ehuk dks Nks/s cPpka vks l qoekkvka l s ošpr l epk; ds ikl ykus ds fy, l cl s i Hkkoh eke; eka ea l s , d eke; e ds: i ea dh xbz gš ¼kkj r] ekuo l d keku fodkl ea-ky;] efgyk , oacky fodkl foHkkx] 2002/Å

6-9 vol ĵpuk

¼d½ 'ikšj; kokMhT* & mu rd igpuk ftu rd dkbz ugha igpuk

>kcqk eè; insk ds nf{k.kh if'peh Hkkx ea l Fkr , d tutkrh; ftyk gs bl dh l hek l s feys xqtjkr vks jktLFkku jkT; gA l efdri cky fodkl l ok] fi Nysnksn'kdkaea l Hkh 12 CykHka esdk; kZlor dh xbz gA rFkfi] vks Hkr-% dfBu {ks= eanj rd fc[kjh tutkrh; tul æ; k rd igpusus, d cMh paks h [kMh dj nh FkA , d foLr l ožk.k fd; k x; k vks xka ipk; r usvrfjDr Nks/s vkauokMh ¼ ikšj; kokMhT½ mi yCek djkus dsfy, ftyk izkkl u l svuj ksk fd; k rkfd nij rd Qsyh bl tul æ; k vks mPp tkf[ke okys tul æ; k l engka rd i Hkkoh <x l sigpk tk l dA bl izdkj] ipk; rka ds ; ksnku l s ikšj; kokMhT] vFkr l epk; &vkekkfjr cky l g{kk dbnz ¼vkauokMh dbnka l s l Ec) Nks/s vkauokMh dbnz LFkfi r fd, x, A ifr vkauokMh dbnz nks l s rhu ikšj; kokMhT gš vks LFkkuh; efgykvka dks ikšj; kokMh dk; žrkžvka ds : i ea if'kfkr fd; k tkrk gA

vkt] >kcqk ftys ea 2000 l s vfed ikšj; kokMh dk; žrkž gš tkseksyd l okvka rd igp dk foLrkj .k djus ds vykok cky l g{kk vks fodkl dh l epk; dh vko'; drkvka dks i jk djrs gA ikšj; kokMh dk; žrkž l keftd l pkj .kdrkž ds: i ea dk; ž djrs gš ftl l s l epk; vks efgyk, ½ ns[kHky vks Lruiku i) fr; ka ea l qkkj djuš [ksy l æakh dk; žyki vk; kštr djus vks ekšm l okvka tš s



i ɗ okkij nŕ[kHkky] Vhdkdj.k] foVkfue
, dk vuqij.k vkfn ds mi ; ksx ea l ɔkkj
djuseal {ke gks tkrsg& i kŕj; kokMh ds
dN dk; ɗrkd ued ijh{k.k fdVka dk
bLræky djrs gq in'kz ds ekè; e l s
vk; kMhu; ɓr ued dk bLræky djus
ds fy, l epk; ka dks tkx: d djus ds
l kFk&l kFk vks vkj , l fMi ks ekkj d ds
: i ea dke dj jgs g& efgyk vka ds
cpr l eŵ Hkh xFBr fd, x, g& &
^cŕ kuh] dŵjth* & cPpka dhns[kHkky ds
fy, ,d l eFkZukRed ep ds : i ea
dke dj jgs g& l ešdr cky fodkl
l ɔk] ekŕyd l ɔkvkads l jdkjh dk; ɗe
vkŕ oŕpr l epk; ka dkschp , d egŕoi wkz
duotV vrjki "B ds : i ea mHkjh gŕ
ŵHkkjr] ekuo l ɗ kèku fodkl e=ky;]
efgyk , oacky fodkl foHkkx] 2002ŵA

**¼k½ ninjkt dh vkŕ fc[kjh gŕz tul ɗ; k
okyh cflr; ka dks doj djus okyh
y?kq vkakuokMh; ka**

ekŕyd l ɔkvka ds l kFk ninjkt ds
xteh.k] ioŕh; vkŕ tutkrh; {ks=ka ea
fc[kjh rFkk tul ɗ; k fcuk igp okyh
tul ɗ; k ds ikl igpuk , d paks-h
jgh g& l ešdr cky fodkl l ɔk us
y?kq vkakuokMh dh l ɗYi uk fodfl r
dh gŕ ft l ea i kp y?kq vkakuokMh dŕnz, d
vkakuokMh l s l Ec) gkdj dke dj
l drs g& y?kq vkakuokMh dk iLrko
150 ykska dh tuɗ [; k okys , d
xk@clrh ds fy, fd; k x; k g& ; g
eq; vkakuokMh l s , d fdykehVj dh
nijh ds vinj flFkr gksuk pŕfg, A vc
rd egkj"V" ds tutkrh; CykMh ea
1881 y?kq vkakuokMh dŕnz mMh k ds
tutkrh; CykMh ea 1708 vkŕ eè; inŕk

ea 2878 y?kq vkakuokMh dŕnz Lohdr
fd, x, gŕŵHkkjr] ekuo l ɗ kèku fodkl
e=ky;] efgyk , oacky fodkl foHkkx]
2002ŵA

6-10 tu'kDr dk i'k{k.k

¼d½ mfn'kk

mfn'kk] tks cky l j {kk inkfekdkfj; ka
vkŕ l j {kk inku djusokys0; fDr; ka ds
i'k{k.k ea xqkoŭk l ɔkkj ds fy, jk"Vh;
igy gŕ mŭkj thfork] fodkl vkŕ of)
ds fy, 'kŕkodky dh nŕ[kHkky dh xqkoŭk
ea l ɔkkj ykus gŕq, d ekŕyd l ɔk g&
mfn'kk ep LokLF;] i kŕkŕgkj] i kj&Hkd
Kkuktz vkŕ cgrj <x l s ekrk&fir k
dh ftEenkjh fuHkkus ds {ks= ea dk; Z ds
duotV dks c<kok nŕdj cPpka ds
'kkjhfd] l keftd] HkkoukRed vkŕ
ckŕ) d fodkl dh l eL; k dks gy djus
dk iz kl fd; k x; k g& mfn'kk dks
eŵ; kaɗu] fo'yŕk.k vkŕ l ɗ ŕpr dkj ɗkbz
dh fujrj i f0; k ds fy, cky l j {kk
dk; ɗrkd vkŕ ekrk&fir vka vkŕ l epk; ka
dks l 'kDr cukusea, d egŕoi wkz?kVd
ds : i ea nŕ[kk tkrk gŕŵHkkjr] ekuo
l ɗ kèku fodkl e=ky;] efgyk , oacky
fodkl foHkkx] 2002ŵA

¼k½ vkakuokMh i'k{k.k dŕnz

, d l e; c) rjhds l s vkakuokMh
dk; ɗrkd vka ds fy, i ŕ'p; kZ i'k{k.k
ds fo'kky cŕykw dks l ekŕ djus
dh nŕ"V l s dukVd jkT; ea cMh
; kstuk ds vkekkj ij i'k{k.k ds , d
vfHkuo rjhds dk iz ksx fd; k x; k
Fkka bl i kw yV i fj; kstuk ds varxŕ
, d l gk; d funŕkd] , d fpfdRI k



बाक्स 6.1 : अभिनव परिवर्तनों और सर्वोत्तम पद्धतियों की मुख्य बातें

स्वास्थ्य सेवाएं

- (क) आन्ध्र प्रदेश आर्थिक पुनर्गठन परियोजना (एपीईआर)
- (ख) अन्य राज्यों में किए गए प्रयोग

पोषाहार

- > अन्नप्राशन अभियान
- > केयर फीडिंग कार्यक्रम
- > 2001 तक गंभीर कुपोषण का उन्मूलन
- > तमिलनाडु समेकित पोषाहार परियोजना (टीआईएनपी)
- > सुपोषण अभियान
- > दत्तक पालक योजना
- > संसाधन मैपिंग

स्वास्थ्य और पोषाहार शिक्षा

- > बबल ग्रोथ चार्ट
- > मॉडल संसाधन केन्द्र

स्कूल-पूर्व शिक्षा

- > गुजरात में खिलौना बैंक संबंधी पहल
- > शिक्षा संबंधी सहायता

बच्चों में विकलांगता

- > भिन्न तरीके से सक्षम बच्चों में से दस में से एक के पास पहुंचने के लिए समुदाय की कार्रवाई

सामुदायिक प्रतिभागिता

- > कर्नाटक में आंगनवाड़ी में तीन अल्पभोजन उपलब्ध कराने की प्रक्रिया आरम्भ की गई।
- > केरल में स्थानीय स्कूल-पूर्व शिक्षा उपकरणों और कहानी सुनाने की तैयारी में माताओं को शामिल किया गया।

सेवाओं का कनवर्जेंस

- > आंगनवाड़ी केन्द्र
- > सेवाओं का कनवर्जेंस, मेघालय
- > उत्तर प्रदेश में कोपल रणनीति
- > बिहार और झारखण्ड राज्यों में दुलार रणनीति
- > बाल भोज
- > गुजरात में गैर-सरकारी संगठनों का प्रयोग
- > केरल में प्रयोग
- > जिला प्राथमिक शिक्षा कार्यक्रम (डीपीईपी)

मॉनीटरिंग

- > कम्प्यूटरीकृत सूचना प्रणाली (सीआईएस)
- > प्रगति रिपोर्टिंग प्रणाली
- > स्व-मॉनीटरिंग टूल (एसएमपी)

व्यवहार परिवर्तन के लिए सम्प्रेषण

- > मीना सम्प्रेषण पैकेज
- > पोरयावाड़िया — उन व्यक्तियों तक पहुंचना जहां कोई नहीं पहुंचा
- > दूरदराज के और बिखरी जनसंख्या वाली बस्तियों को कवर करने वाली लघु आंगनवाड़ियां

जनशक्ति को प्रशिक्षण करना

- > उदिशा
- > आंगनवाड़ी प्रशिक्षण केन्द्र
- > नई सहस्राब्दि के लिए सैटेलाइट-आधारित प्रशिक्षण (सैबिकॉन)

vfejdkjh] , d cky fodkl ifj; kstuk
 vfejdkjh] vkxuokMh if'k{k.k dlnzdk
 , d funskd vksj , d i; bskd okys
 ftyk Lrjh; dkj if'k{k.k nyka ls
 vius gh ftyka ea dk; Drkzvka us
 iqu'p; kz if'k{k.k ikr fd; ka eq;
 fo'kSkrvka ea ifrHkkfxrk nf"Vdksk]
 I 2kVr ikB; Øe] if'k{k.k ds: i ea
 fofHkuu Lrjka ls vksj fofHkuu I DVjka
 I s QhYM Lrjh; LVkQ] fodlnhdir
 QhYM&vkekffjr if'k{k.k vksj ny
 fuekZ.k] QhYM I æækh fLFkr; ka vksj
 vuHkods I a Ør fo'ySk.k ij QkdI
 rFkk LFkkh; vko'; drkvka ds vuþny
 if'k{k.k I kefxz; ka dk fodkl 'kkfey
 gS ½Hkkjr] ekuo I a keku fodkl
 ea=ky;] efgyk , oacky fodkl fofHkkx]
 2002½A

**½k½ ubz I gl kfcn ds fy,
 I sYkbV&vkekffjr if'k{k.k
 ½ scdk½**

xte ipk; rka dh puh gpz efgyk
 I nL; kads I kFk dukv/d jkT; I jdkj
 ds'xkel r* iz; kx I sl h[krsgq 0; ki d
 i sekus ij I efdri cky fodkl I ok
 ds inkfekdkfj; ka dks if'kf{kr djus ds
 fy, odfYid j.kuhfr; ka dk fodkl
 fd; k x; ka cky fodkl ifj; kstuk
 vfejdkfj; ka vksj eè; in'sk ea dk; jr
 I efdri cky fodkl I ok ; kstuk ds
 i; bskdka ds if'k{k.k ds fy, rhu
 nijLFk if'k{k.k dk; Øe vk; kftr fd,
 x,] ftI ea I scdk½ dk bLræky djrs
 gq 1996 ea 20 ftyka dks vksj 1997 ea
 43 ftyka dks doj fd; k x; k ½Hkkjr]
 ekuo I a keku fodkl ea=ky;] efgyk
 , oacky fodkl fofHkkx] 2002½A

6-11 I kjak

I jdkjh nLrkostk] ?kksk.kk&i=ka vksj okf'kd
 fj i ks/ka ; k =skfI d foofj.f.k; ka ea dk; Øe ds foofj.k
 vksj I eh{k dks vPNh rjg doj fd; k x; k ik; k x; k
 vksj bu nLrkostka ds vkekj ij dk; Øe ds ckjs ea
 jk; cukuk muea inf'kr dh xbZ I kexh ij vkekffjr
 Fkka ; g nLrkost emy : i I s bl izdkj ds #Vhu
 nLrkost Fk] ftuea dk; Øe dks T; ka dk R; ka n'kkz k
 x; k Fkka bl ds vykok fupys Lrj ij fd, x,
 vffkuo iz; kx mrus gh eW; oku g] ftuds vkekj ij
 bl dk; Øe I sykhkfflor gks okyh y{; tul æ; k
 dh cnyrh vko'; drkvka vksj t: jrka dk eW; kaðu
 fd; k tk I dA bl izdkj] ekbØks Lrj ij fd, x,
 vffkuo ifjorZu dk; Øe dks døy u, vk; ke gh
 inku ugha djrs gS cfYd bl dh fo"K; &OLrqdks I e)
 Hkh cukrs gS rkd Hkkoh ; kstuk] izæku vksj eW; kaðu
 ds fy, mnkgj.k Red varj.k ea I foekk fey I dA
 bl vè; k; ea I efdri cky fodkl I ok dk; Øe ea
 vffkuo ifjorZuka ds I ææ ea {ks=h; vksj jkT; fo'k"V
 i kOkby dks è; ku ea j [krs gq fofHkuu 'kh"kdka ds
 varxh , d fo'ySk.k Red rLohj i s k djus dk iz; kl
 fd; k x; k gS ftI I s cg&vk; keh vffkuo j.kuhfr
 vksj dkj bkbz ij QkdI fd; k tk I dA

vffkuo 'ksyh] pkgso g izæadh; gks; k dk; Øe
 dh ; kstuk vksj , d {ks= ea I Ec) vL; igyw I s
 I æækr gk] cgq I Qy gks I drh gS vksj bl ds
 fofHkuu LFkkuka ea , d gh izdkj ds ykHkka k nus dh
 I Hkkouk cgq vfekd gks I drh gA rFkfi] {ks=&fo'k"V
 ekWYs ku ds I kFk I Qy dgkfu; kads iz; kx egloi wkZ
 gks gA bl vè; k; ds : i ea i Lrhdj.k I s ; g
 I n'sk fy; k tk I drk gA vffkuo iz; kxka ds fy,
 eè; LFkrvka ds fy, geskk vfrfjDr mPprj ; k
 fo'kSk I a keku buiØ/ka dh vko'; drk ugha gks h
 cfYd , d i sykhku vYi vofek ds fy, dke djrs gA
 vffkuo ifjorZuka ea I foekk inku djus vksj mluga
 LFk; h cukus ds fy, I Ec) dkjd bl fn'kk ea Hkkoh
 vè; ; uka dk , d Hkkx gks I drs gA





v/;k; 7

fu"d"l vky fl Qkfj 'ka



fu"d"l vks fl Qkfj 'ka

7-1 fu"d"l

viuh 'k#vkr l s gh l eedr cky fodkl l ok, adk; Døe usf' k{kffonk} ; kst uk fuekz kvk i z kkl dka vks bl ds dk; k; u ds fy, ftEenkj 0; fDr; ka ds chp dkQh #fp i snk dh] ftl dk dkj.k bl dk Li"V dk; {ks=} 0; ki d vkmVjhp vks bl ds nixkeh i Hkko gksuk Fkka dk; Døe dk ykHkkfFkz, ka ij i Meusokys i Hkko dk eiv; kadu o tk; tk yus dsfy, cgr l s vè; ; u vk; kstr fd, x, gA rFkfi] buea l s vfedkàk vè; ; u idfr l s; =rf=d vks {ks=h; jsgs fl ok, , d d\$ tkso"l 1992 eajk"Vh; tu l g; ks vks cky fodkl l Fkku }kjk fd; k x; k Fkk] fdUrqubz l gl kfcn dh 'k#vkr ea dk; Døe ds dk; k; u dsyxHkx rhu n'kd ijik djusij jk"Vh; cky fodkl l ok, adk; Døe dk jk"Vh; Lrj ij vkdyu djus dsfy, , d 0; ki d vè; ; u dh t: jr egl i dh xbA efgyk vks cky fodkl foHkx ¼vc ea-ky; ¼ Hkkjr ljdkj u\$ tks l eedr cky fodkl l ok dk; Døe ds dk; k; u ds fy, , d ukMy , tñ h g\$ bPNk 0; Dr dh fd dk; Døe dk; k; u ds i jso"l; dk] l EHkkfor ykHkkfFkz, ka ij bl ds i Hkko l fgr] jk"Vh; tu l g; ks vks cky fodkl l Fkku }kjk bl dk 0; ki d : i l s vkdyu fd; k tk, A rnuq kj] jk"Vh; Lrj ij , d vè; ; u dh ifjdYiuk dh xbA

vud enkads l ak eal ipuk , d= dh xbl t\$ s fd xkoka vks vkakuokM+ ka dh l jipuk] vkokl u dh fdLe vks ykHkkfFkz, ka dh jgu&l gu i) fr] dk; Zrkz/ka vks ykHkkfFkz ka dk i k'oZp=] l ello; vks vfHkl j.k] l enk; Hkxhinkjh vks l ok, a inku djuk rFk l Ec) igyA l eedr cky fodkl l ok dk; Døe ds cPpka

vks ekrkvka dh fLFkr dk fo'ySk.k djus l s dk; Døe dh , d mRl kgtud o mYyfl r l EHkkouk dk irk pyk gA efgyk vka vks cPpka ds chp diq kSk.k ea deh ds l nHkz e] l eedr cky fodkl l ok dk; Døe , d l cl s cMk uuru vks l okfekd egJokdkkh dk; Døe mHkj dj l keus vk; k g\$ ftl s Hkkjr ljdkj }kjk pyk; k tk jgk gA ; g , d l qo[; kr rF; g\$ fd l eedy cky fodkl l ok dk; Døe vi usyf[kr l engka dh l ok vkakuokM+ ka ds , d us/odZ ds ekè; e l s djrk gA vkakuokM] ftl dk okLrfod vFkz vgrk [ky dñz g\$ l enk; Lrj ij l ok, a inku djus dk , d dñ&fclnq gA

dy feyk dj] o"l 2000 eapy jgha i fj; kst ukvka ea l s 150 i fj; kst ukvka dks vè; ; u ds vUrXr doj fd; k x; k Fkka ; s i fj; kst uk, j xkeh.k] 'kgjh vks tutkrh; {ks=ka ea QSyh Fkha rFk budk izaku] 35 jkT; ka@l ak&'kfl r {ks=ka ea jkT; l jdkj fo'o cbl o x\$&l jdkjh l akBuka }kjk fd; k tk jgk Fkka

fuEufyf[kr i jkxkQka e] orèku vè; ; u l s mRi lu fu"d"l vks fl Qkfj 'ka dk mYys[k fd; k x; k gA

7-1-1 vol jipuk

vol jipuk , d 0; ki d 'kcn g\$ ftl dk iz ks vud l okvka dsfy, fd; k trk g\$ t\$ sfd fo | q] ifjogu] vkokl u] l Me] is ty br; kfnA vol jipuk dk fodkl vks foLrkj] fodkl dk; Døe ka ds l p# dk; k; u ds fy, , d vfuok; Z i mka {kk gA rFkfi]



I efdr cky fodkl I okvka ds rhu n'kd&, d eW; ka du

v/; k; 7

vol j puk vks fodkl ds chp I a kstu , d ckj dk gh iz kl ughagScfyd fofHkUu fufek; ka vks dk; Zuhfr; ka ds ekè; e I } ykHkKfKz; ka dh fLFkfr dks I qkkjus dk I rr pyusokyk iz kl gA I efdr cky fodkl I ok dk; Øe dkj vol j pukRed I eFkU dks I q<+djusds fy, vU; fodkl dk; Øeka ds I kFk I a kstu dk mi; kx , d iæf k dk; Zuhfr ds: i eafd; k x; k gA pfd fdl h Hkh dk; Øe ds I Qy dk; kUo; u ds fy, i; klr vol j pukRed I foekk, a, d i wkã {kk gS bl fy, I efdr cky fodkl I ok okys {ks=ka eafofHkUu I foekkvka dh mi yCekrk dk vkdyu djusdk iz kl fd; k x; k FkA

xteh.k vks tutkrh; {ks=ka ea eR; q nj vks #X.krk ea deh ykus ds fy, LoPNrk I foekkvka dh mi yCekrk I okfed egUoiwkZ gA crk; k x; k fd fu; fer , dhdr cky fodkl I ok ifj; kstuvka ds vUrxr 30 ifr'kr xkoka ea I host@ukyh i) fr dh 0; oLFk Fkh rFk bu ifj; kstuvka ds 37 ifr'kr xkoka e; tksfo'o cã } jk I gk; rk&i klr Fk , d h I foekk, a ekStm FkA ifj; kstuvka vks I jdkjh I aBuka ds vekhu vkus okys nl xkoka ea I s pkj ea Hkh 1/41-9 ifr'kr 1/2 ea; s I foekk, afo |eku FkA dy feykdj 41 ifr'kr vkauokM+ ka ea 'kksky; dh I foekk, a Fk 24 ifr'kr vkauokM+ ka ea 'kksky; I foekk, avPNh fLFkfr ea FkA

; g i k; k x; k fd yk;v i kFkfed Ldny 1/4 {kk I-v 1/2 dh 'kS {kd I foekk 10 ea I s 9 xkoka ea 1/91-3 ifr'kr 1/2 fo |eku FkA fefMy Ldny 1/4 {kk VI-VII 1/2 dh I foekk 61 ifr'kr xkoka ea mi yCekrk Fkh rFk

ueuk {ks=ka ds 39 ifr'kr eagkbZ Ldny dk; Zdj jgs FkA

vkUkkfod MkVk I s xteh.k I a kS; rk vks fodkl ds chp I dkj kRed I æk dk irk pyr gA xteh.k I Mdka I s vuud egUoiwkZ I kekfd vks HkKrd vol j puk, j tS s fd I kepkf; d LokLF; d bñk Ldnykã cktkj kavkfn dh I gyHkrk vks mi; kx I foekktud cuA 'kgjh {ks=ka ea yxHkx 97 ifr'kr} xteh.k {ks=ka ea 93 ifr'kr vks tutkrh; {ks=ka ea 74 ifr'kr vkauokM+ dñz I Mdka I s tM; FkA Øe'k%29 ifr'kr vks 43 ifr'kr vkauokM+ {ks=ka ea i kFkfed LokLF; dñz vks mi & dñz mi yCek FkA bl i dkj] egUoiwkZ LokLF; I okvka dh I gyHkrk I hfer FkA vkadMka I s; g Hkh irk pyk fd yxHkx 89 ifr'kr xteh.k tutkrh; ifj; kstuk {ks=ka ea VsyhQku duD'ku I ok, afo |eku FkA 72 ifr'kr vkauokM+ {ks=ka ea , y-i-h-t-h- mi yCekrk dh #fpdj tkudkj mi yCek FkA

yk [kka efgykva vks cPpka ds fy, I jf {kr is ty vHkh Hkh foykfl rk dh oLrqgS& ; |fi is ty vki frZ ds rgr tul {; k ds dojst ea rsth I sof) gPZ gA vfedkãk vkauokM+ dñka ea gM i Ei vks uydsdk i kuh eq; ty I kr Fk ft I I sbl ckr dk irk pyr gSfd I efdr cky fodkl I ok dk; Øe] jkT; I jdkjka ds tu LokLF; bat hf; jh fofHkxka ds I g; kx I s vkauokM+ ka ea Hkx ykus okys cPpka ds fy, I jf {kr is ty dh 0; oLFk djuse; dkQh I hek rd I Qy FkA



LFkku] bej rka dh feYd; r] LFkku dh mi yCekrk] I gyHkrk] mi Ldj dh mi yCekrk vks f'k{k.k I keku vkfn dh n'V I svkakuokMh dlnka dh Hkksrd LFkki uk ds fofHku igyvk ds I ek ea vka dM, d= fd, x, FkA ; g , d I qkn ckr Fkh fd vfedk k vkakuokMh dlnz i Ddh bej rka ea fLFkr FkA bl I sirk pyr gS fd vkakuokMh dlnka dks LFkfi r djus ds fy, iz kl fd, x, gA vkn'kz-% vkakuokMh dlnka e] cPka ds cBus ds fy, vks fofHku dk; byki vk; kstr djus ds fy, i; klr doMZ Q'khz {ks= gksuk pfg, A 'kgjh {ks=ka ea vfedk k vkakuokMh dlnka ea LFkku , d I eL; k i kbz xBA xkeh.k] tutkrh; vks 'kgjh I efd r cky fodkl I ok ifj; kstuvka dk dpy 44] 36 vks 39 ifr'kr vkakuokMh dlnka ea i; klr ckg; LFkku vks vln#uh LFkku rFkk Hk.Mkj.k ds fy, iFkd LFkku mi yCek FkA xkeh.k vks tutkrh; {ks=ka ea; g fLFkr dN cgrj i kbz xBA dny feyk dj] yxHkx 49 ifr'kr vkakuokMh dlnka ea ckg; vks vln#uh dk; byki ka ds fy, vi; klr LFkku Fk rFk fHku&fHku I kexh ds Hk.Mkj.k ds fy, dkbz i; klr LFkku ugha FkA xkeh.k {ks=ka ea yxHkx vkeh 149-0 ifr'kr rFk tutkrh; ifj; kstuvka ea 150-6 ifr'kr earFk 'kgjh ifj; kstuvka ea 40 ifr'kr ea [kkuk i dkus ds fy, i; klr iFkd LFkku FkA

vfedk k vkakuokMh 160-3 ifr'kr cPka ds fy, lgt : i l s l gyHk ik, x,] D; kfd mlGa; k rks ekrk&firk@Hkksb&cguks@LFkku dh cw-h efgyvk }jk vkakuokMh dlnka rd yk; k trk FkA I gk; dx.k eq; : i l su, nkf[ky cPka dks vkakuokMh rd ykrs gA ns[kk x; k fd tutkrh; {ks=ka ea yxHkx 52 ifr'kr cPka dks, d fdykehVj I s vfed rd rFk dHh&dHh 3 fdykehVj I s

vfed njih rd vkakuokMh dlnz i gpus ds fy, I Qj djuk i M+k gA

fo'o cfd I gk; rk&inuk I efd r cky fodkl I ok ifj; kstuvka ea l s 97 ifr'kr vkakuokMh ka e] xj&l jdkjh I xBuka }jk I pkfyr ifj; kstuvka 195-3 ifr'kr 1/2 vks fu; fer I efd r cky fodkl ifj; kstuvka ea l s 85 ifr'kr ea rgyk ekst in FkA muea l s yxHkx 89 dkedkth fLFkr ea Hk FkA vkakuokMh dlnka dks Ldny&iwZ f'k{k fdV f[kyk& x.ku Yej ik bej] fp= i l rdh [ky I kexh vks mi Ldj dh vki firZ dh xBA fo'o cfd I gk; rk&inuk ifj; kstuvka ds rgr I pkfyr vfedk k vkakuokMh dlnka ea Ldny&iwZ f'k{k fdV mi yCek ugha Fks tcfv fedk k 166-5 ifr'kr 1/2 fu; fer I efd r cky fodkl I ok ifj; kstuvka ea Ldny&iwZ f'k{k fdV mi yCek FkA 44 ifr'kr dlnka ea fdk dh vuq yCekrk , d fprk dh ckr gS vks bl igy w ij dk; De dk; kzo; udrkzka }jk I koekkuhi wZ xk fd, tkus dh vko'; drk gA vkakuokMh dlnka ea [kkuk i dkus vks i jk us ds fy, i; klr I q; k ea crzka dh mi yCekrk i kkgkj dk; De dh I Qyrk ds fy, vR; ar egloi wkz gA ve; ; u l sirk pyk fd 61-8 ifr'kr xkeh.k] 49-2 ifr'kr 'kgjh vks 65-9 ifr'kr tutkrh; ifj; kstuvka ea [kkuk i dkus ds crz mi yCek Fks tcfv i jk us ds crz 60 ifr'kr vkakuokMh ka ea i k, x, A

7-1-2 dk; Zrkzka dk i kQky

irk pyk fd ftu ifj; kstuvka dk I o{k.k fd; k x; k] muea cky fodkl ifj; kstuvka vfedk f; ka ds 15 ifr'kr in] I gk; d cky fodkl ifj; kstuvka vfedk f; ka ds 48 ifr'kr in rFk i; Bskdka ds yxHkx 18 ifr'kr in fJDr i MsFkA rFkfi] vkakuokMh dk; Zrkzka vks I gk; dka dh fu; qDr vks mi yCekrk



I ešdr cky fodkl I okvka ds rhu n'kd&, d eW; kađu

v/; k; 7

ds I æak ea fLFkr dkQh I arks'ktud FkhA if'k{k.k fLFkr dkQh I arks'ktud FkhA ns[kk x; k fd v#.kkpy insk ,dek= ,d k jkT; Fkkj tgka 50 ifr'kr cky fodkl ifj; kstuk vfejdkjh vif'kf{kr FkA vU; jkT; ka eš dgy feykdj] dk; Đrkvka dk if'k{k.k vR; ar I arks'ktud FkA

gh dkbZ dk; Đrkvui <+Fkk] mudh ifr'krk yxHkx , d FkhA

7-1-2-1 vkaokMh dk; Đrkvka dk p; u

; g ik; k x; k fd yxHkx 80 ifr'kr vkaokMh dk; Đrkv ml h xka@LFku ds FkA ml h xka ds nks fdykehVj dsnk; jsdsvUnj fLFkr fudVortzxkaods vkaokMh dk; Đrkv ml njih dks išy ikj djrs Fks tcfđ vU; 10-0 ifr'kr½ ml ekxZ ij pyus okys I kožt fud ifjogu dk mi; kx djrs FkA muea l s 'kšk] yxHkx pkj ifr'kr vi us¼ fjokj½ LdWj@eksj I kbfdy@I kbfdy dk mi; kx djrs FkA ; g ik; k x; k fd vkaokMh dk; Đrkvka dk cky fodkl ifj; kstuk vfejdkjh }kjk I heks gh p; u , dhdr cky fodkl I ok dk; Đe ds vikj foLrkj gkus l s detkj i M+x; kA

7-1-2-2 i ; bškđ

ekxZunž kka ea dgk x; k gšfd i ; bškđ 21 vkš 45 o"Kz ds chp dh vk; q dh , d efgyk] I Hkor% I kekfđd dk; ĩ xg foKku vFkok I Ec) fo"K; kaea Lukrd] gkuh pkfg, A D; křđ jkT; I jdkja cMh I ĩ; k ea I ešdr cky fodkl I ok ifj; kstuk, a pyk jgh gš bl fy, mlgkaus vi š{kr eki n.M ds vkekkj ij i ; bškđka dk , d I oxZ Hkh xBr fd; k gš ; g Hkh ns[kk x; k fd mUkj insk tš sjkT; kaea vkaokMh dk; Đrkvka ds chp ea l s I hekh inkbufr }kjk rFkk , d I eku foHkxka l s ifrfu; Đr ij vkš fo'o cšđ Ldhe ds varxř i ; bškđka dh I fonk ds vkekkj ij fu; Đr dh xbA Hkkjr ds 25 jkT; kaea i ; bškđka dks cky fodkl ifj; kstuk vfejdkjh ds in ij inkbur fd; k x; k FkA 21 jkT; kaea LFkkuka ds vkj{k.k dh uhfr fo|eku Fkh rFkk 7 jkT; ka us , š h dkbZ uhfr ugha vi ukbZ FkhA cMh I ĩ; k ea i ; bškđ 35 o"Kz dh vk; q l s vf/kd] ; k rks Lukrd vFkok Lukrdškj vkš nl o"Kz l s vfeđ dk vutko j [kusokys FkA ; g , d I dkj kRed I adr gš D; křđ i rhr gkrk gšfd I ešdr cky fodkl I ok dk izaku vutkoh vkš vgrkvka okys i ; bškđka }kjk fd; k tkrk gš

vkaokMh dk; Đrkvka dh vk; q l æakh vkađMka l sirk pyrK gšfd yxHkx 64 ifr'kr vkaokMh dk; Đrkv 35 o"Kz vkš ml l s vfeđ vk; q ds FkA fu; fer vkš fo'o cšđ l gk; rk&inUk I ešdr cky fodkl I ok ifj; kstukvka ea vkaokMh dk; Đrkvka dh ifr'krk 35&45 o"Kz ds vk; &oxZea l eku : i l s foHkkrtr Fkh rFkk 30 ifr'kr vkaokMh dk; Đrkv 35&35 o"Kz ds vk; &oxZea FkA xqtjkr eš vkaokMh dk; Đrkvka ds p; u ea foekokvka@rykd'kpk@vyx gš l efgykvka dks i kFkfedrk nh tkrh gš 62 ifr'kr vkaokMh dk; Đrkvka dks 10 o"Kz l s vfeđ dk; Đrkv vutko i klr Fkk rFkk muea l s 28 ifr'kr dks i kp o"Kz l s vfeđ dk vutko FkA vfeđkák ¼43-2 ifr'kr½ vkaokMh dk; Đrkv eš vdyš/ Fkš 23 ifr'kr mPprj ekē; fed rFkk yxHkx 10 ifr'kr Lukrd FkA 'kk; n

7-1-2-3 cky fodkl ifj; kstuk vfejdkjh

vfeđkák ?kuh vkcknh okys jkT; ka uš cky fodkl ifj; kstuk vfeđkfj; ka dh HkrhZ dh vi uh fofek rš kj dh gš vkađMka l sirk pyrK gšfd 21 jkT; ka dk cky fodkl ifj; kstuk vfeđkfj; ka dk viuk vyx l oxZ Fkk tcfđ 10 jkT; ka dk , d l a Đr l oxZ Fkk] ft l ea ifrfu; Đr] inkbufr vkš



I fonk I feefyr Fkka dgy feyk dj] 25 jkT; ka us cky fodkl ifj; kst uk vfe d kfj; ka@l gk; d cky fodkl ifj; kst uk vfe d kfj; ka ds in ij i; bsk dka dh inkbufr dh uhfr vi ukbz Fkka crk; k x; k fd vkj{k.k dh n"V I s HkrhZ dh fofek ds rgr jkT; I jdkjka }kjk I e; & I e; ij tkjh vkns kka dk ikyu fd; k tkrk gA

; |fi Ldhe ds ekxrunz kka ea ifj dYi uk dh xbz gS fd cky fodkl ifj; kst uk vfe d kjh vfekekur% , d efgyk gkuh pkfg,] fdUr q ns[kk x; k fd yxHkx , d&frgkbz 1/32-7 ifr'kr 1/2 cky fodkl ifj; kst uk vfe d kjh i#"k FkA vfe d ka k cky fodkl ifj; kst uk vfe d kjh 1/48-3 ifr'kr 1/2 45&55 ds vk; oxZ ea FkA ns[kk x; k fd 57 ifr'kr cky fodkl ifj; kst uk vfe d kjh Lukrdk kjk Fks rFkk dgy 6 ifr'kr voj&Lukrd FkA yxHkx 31 ifr'kr cky fodkl ifj; kst uk vfe d kfj; ka dks 3 o"kZ I s de dk vu d ko i klr Fkk] tks dQ jkT; ka ea bl oxZ ds dk; ZrkZ/ka ds i k; % LFkkukUrj.k dk ifjpk; d Fkka muea I s vfe d ka k vu d koh] vgrki klr vkj if'kf{kr dk; ZrkZ FkA bl I s; g fl) gkrk gS fd ; g I fuf'pr djusea fd I efd r cky fodkl I ok dk; De ds iz, kl fd dk; De dk izaku vgrki klr if'kf{kr dk fe d ka }kjk fd; k tk,] I Qy jgk gA

7-1-3 ykHkkfFkZ, ka dk i kQkby

fuEufyf[kr i jkxtQka e] ve; ; u ds varxZ 'kkfey fd, x, ueusds ifjokjka I s caekr ykHkkfFkZ, ka dh [kkI & [kkI fo'kSkrvka dk mYys[k fd; k x; k gA vU; ckrka ds I kFk&I kFk bu fo'kSkrvka ea mudh I ektkFkZ d fLFkr] ftu ifjokjka I s os I Ec) g] mudh fdLe] ifjokj dk vk d kj vkfn 'kkfey gA

16]138 ykHkkfFkZ ifjokjka dk , d ueus rS kj fd; k x; k Fkk] tks 750 vkauokfM+ ka ea QSyk Fkka

7-1-3-1 ueus okys i fjokjka ea yf{kr tul q; k

fo'yf'kr vkadMla I sirk pyrk gS fd tutkrh; ifj; kst ukvka dsekeyseady i kfjokj d vkcknh ea I s 0&3 o"kZ I s de vk; q ds cPps 12 ifr'kr FkA rFkfi] 'kgjh ifj; kst ukvka ea ; g I q; k vi s kkr vfe d 1/4 3-7 ifr'kr 1/2 Fkh] ml ds ckn xteh.k ifj; kst ukvka 1/4 2-9 ifr'kr 1/2 dk LFkku Fkka , d h gh i d fUk 3&6 o"kZ dh vk; q ds ykHkkfFkZ cPpka dh vU; Js kh ea ns[kh xbz & xteh.k ifj; kst ukvka ea 11-4 ifr'kr] 'kgjh ifj; kst ukvka ea 12-3 ifr'kr vkj vUrr% tutkrh; ifj; kst ukvka ea 11-3 ifr'krA tgdard xHkZrh efgyvkla dk I caek g] xteh.k ifj; kst ukvka dh ifr'kr rk I cl s de] vFkZ-3-3 Fkka 'kgjh vkj tutkrh; ifj; kst ukk, a ekemyh I h Aj Fkh] nksuka 3-4 ifr'krA ifjp; kZ ekrk vka dsekeyseal Hkh Js kh dh ifj; kst uk, a cjkj Lrj ij Fkka 1/3-2 ifr'kr 1/4 vkadMla I sirk pyrk gS fd ve; ; u ds vUrxZ 'kkfey fd, x, ifjokjka ea 0-83 ifr'kr cPps fodya FkA bu cPpka ea I s 55-56 ifr'kr cPps I efd r cky fodkl I ok dk; De I s ykHkkfUor gks jgs FkA

ykHkkfFkZ ka ea I s vfe dre ifr'kr rk okys 0; fDr fi NM s oxka I s Fks 1/29-6 ifr'kr 1/4 ml ds ckn vu d fpr tkfr; ka dk LFkku Fk 1/26-3 ifr'kr 1/4 vU; tkfr; ka rFk vu d fpr tutkr; ka ds i frfufekRo ds chp vUj cgr de 1/20 e"K% 21-4 ifr'kr vkj 20-4 ifr'kr 1/2 Fkka bl I s Li"V : i I sirk pyrk gS fd vkauokfM+ ka eq; ; i I s vu d fpr tkfr@ vu d fpr tkfr; ka vkj fi NM s oxka ds ykHkkfFkZ, ka dh



t: jrka dks ijk djrh gš tks l ekt ds fupys oxz
l s l æfkr gš

ns[kk x; k gšfd mueal s55 ifr'kr Hkřieghu
Fks rFkk 28 ifr'kr 0; fDr; ka ds ikl , d gĐVš j
l s de Hkřie FkhA ; g ns[kk x; k fd 8 ifr'kr l s
de 0; fDr; ka ds ikl , d vks nks gĐVš j ds chp
rFkk nks gĐVš j l svfekd Hkřie FkhA pkj gĐVš j l s
vfekd Hkřie okys ykx iožh;] e#LFky vks
tutkrh; {ks=ka ea jg jgs FkA ik; k x; k fd fo'o
cšd l gk; rk&inŮk l ešdr cky fodkl l ok
ifj; kstuvka ds varxř doj vks ml ds ckn fu; fer
l ešdr cky fodkl l ok ifj; kstuvka ds varxř
½4-77 ifr'kr½ doj fd, x, nl ifjokjka ea l s
N% ifjokj Hkřieghu Fkš rFkk xš&l jdkjh l æBuka
}kjk l pkfyr ifj; kstuvka ea yxHkx bruh gh
ifr'kr rk ikbz xbA ykHkřFkz; ka ds nl ifjokjka ea
l s N% ifjokj U; qDy; j Fks rFkk l a qř ifjokjka
dh l a; k l Hkh fdLe ds ifjokjka ea , d&frgkbz
FkhA vkadMka l s inf'kr gqvk fd 'kgjh {ks=ka ea 62
ifr'kr ifjokj U; qDy; j Fks rFkk bl iđkj ds
ifjokjka dh ifr'kr rk xteh.k ½9-0 ifr'kr½ vks
tutkrh; ½9-8 ifr'kr½ ifj; kstuvka ea yxHkx
bruh gh FkhA fu; fer l ešdr cky fodkl l ok
ifj; kstuvka ea ½7-03 ifr'kr½ foLrkfjr ifjokjka
dh c<řh iđfŮk rFkk ifj; kstuvka dh vl; Jš.k; ka
ea vkewy : i l s dVksřh dh iđfŮk ns[kh xbz ½fo'o
cšd ifj; kstuvka ea 4-12 vks xš&l jdkjh
l æBu&l pkfyr ifj; kstuvka ea 4-80 ifr'kr½A

ifjokjka ds vdkj ds l æk ea ¼i kp 0; fDr
rd¼ nl ifjokjka ea l s N% ifjokj ½9-7 ifr'kr½
jk"Vh; vkadMka ds vuq i Fks rFkk 36 ifr'kr
ifjokjka ea ifjokj l nL; ka dh l a; k N% vks 20 ds
chp FkhA , d vl; #fpdj ckr ; g i kbz xbz fd 11
vks ml l s vfekd ifjokj l nL; ka okys ifjokjka dh
ifr'kr rk pkj FkhA l keku; fo'okl ; g gšfd
'kgjh ifjokj U; qDy; o vdkj ea Nkš/s gkřs gš

fdUrqvka dMka l s irk pyk fd 'kgjh l ešdr cky
fodkl l ok ifjokjka ea Hkh ifjokj vdkj dh
l a; k N% vks nl ds chp ntZ dh xbz ½32-7
ifr'kr½A

, d ifjokj dh ekfl d vk; 2000@& #i,
ifr ekl l svfekd gkus ij ifjokj dks xjhch jškk l s
Åij l e>k tkrk gšHkřj dk vkřFkZ l ožk.k&2004½A
fo'o cšd l gk; rk&inŮk l ešdr cky fodkl l ok
ifj; kstuvka ds varxř 60 ifr'kr ifjokjka l s dŮ
vfekd ½69-48 ifr'kr½ dh ekfl d vk; 2000@&
#i, ifr ekl l s de Fkh] ml ds ckn xš&l jdkjh
l æBuka }kjk l pkfyr ifj; kstuvka ½61-41 ifr'kr½
rFkk fu; fer l ešdr cky fodkl l ok ifj; kstuvka
dk LFkku Fkk ftudk fgLl k ifjokjka dk 47 ifr'kr
Fkka vuđ æku ny }kjk ifjokjka ds nkšs ds nkšku ; g
ik; k x; k fd cqr de ifjokj vius ifjokjka dks
i; křr i kškgkj vks LokLF; ns[k&jšk dh 0; oLFkk
djus dh {kerk ds l kFk l q okřr edku j [kus dh
l LFkr ea FkA

xteh.k] tutkrh; vks 'kgjh {ks=ka ea ifj; kstuvka
ds LFkku ds vuđ kj ifjokjka dh vk; dk fo'yšk.k
fd; k x; ka irk pyk fd vks l s dŮ vfekd ½62-8
ifr'kr½ tutkrh; ifjokjka dh vk; 2000@& #i,
ifekl l s de Fkh] ml ds ckn xteh.k ifjokjka dk
LFkku Fk ½49-54 ifr'kr½A pkyhl ifr'kr 'kgjh
ifjokjka ea l s pkj ifjokjka dh vk; 2000@& #i,
vks 4000@& #i, ds chp Hkh Fkh] ml ds ckn xteh.k
ifj; kstuvka ½31-2 ifr'kr½ vks tutkrh; ifj; kstuvka
½30-4 ifr'kr½ dk LFkku FkA

**7-1-3-2 ueus okys i fjokjka dk e[;
0; ol k;**

vfekdk k mŮk j nkrkvka us l fipr fd; k fd
mudk e[; 0; ol k; i kjEi fd 0; ol k; Fkka ifjokjka



ds , d&pk&kkbz eQ[k; kvka dk eQ; 0; ol k; x& df"k Je Fkk ftudh vfedre I a; k 'kgjh {ks=ka ea 1/36-4 ifr'kr1/2 ml ds ckn xteh.k {ks=ka ea 1/24-2 ifr'kr1/2 vks tutkrh; {ks=ka ea 1/21-9 ifr'kr1/2 ifjokjka ds eQ[k; kvka dk LFkku Fkka ; g tkuuk #fpdj Fkk fd tutkrh; ifj; kstuvka ds , d&frgkbZl sdN vfedd mUkjnrk 1/34-3 ifr'kr1/2 [kfrgj Fk& ftudh ifr'krk xteh.k I ešdr cky fodkl I ok ifj; kstuvka ea 27 Fkha 'kgjh ifj; kstuvka ea [kfrgjka ea yxs 'kkfey Fk& tks 'kgjh {ks=ka ds fdukjs ij jgrs Fks rFkk [krh djus ds fy, fudorhZ xkoka ea tksr Fks vks mudh ifr'krk ux. ; 1/3-4 ifr'kr1/2 Fkha Lo&jkstxkji klr rFkk df"k Jfedka dh ifr'krk yxHkx cjkj 1/16-0 ifr'kr1/2 Fkha Lo&jkstxkji klr yxska ea vfedka kr% yk&kj] c<bZ i 'kq pkjf.kd] dHkdj] turk fuekZk] cudj] Nks&eks/ s n&lkunj vkfn I feefyr Fkha yxHkx 12 ifr'kr I ok ea Fks & I jdkjh v) & I jdkjh] futh dEifu; ka vkfna

nl ifr'kr ifjokjka us I gk; d 0; ol k; ds : i ea df"k vks x& Je crk; ka vud mUkjnrkvka us viuk 0; ol k; vU; J&.k; ka crk; k] t& sfd Bsyk pykuk] fjD'kk pykuk] ydMh cpuk] i 'kq pjukA 17 ifr'kr tutkrh; ifjokjka us df"k Je dks vius 0; ol k; ds : i ea crk; k] ml ds ckn x& df"k Je 1/12-0 ifr'kr1/2 vks [krh 1/10-5 ifr'kr1/2 dk LFkku Fkk1/1 I gk; d 0; ol k; ka dh vU; J&.k; ka dh ekemh I h fjik&Z dh xba

7-1-3-3 ikfjokjd ifjI Ei fUk; ka

vk&Mka I sirk pyk fd vfedre ifjokjka ea 1/12-2 ifr'kr1/2 Vsyhfotu dh miy&krk Fkh] ml ds ckn j&M; ks@ V&L LVjka 1/35-0 ifr'kr1/2 dk LFkku Fkka

bueal s Vsyhfotu dh vfedka k I a; k 'kgjh ifjokjka ds ikl Fkh 1/65-4 ifr'kr1/2 ml ds ckn xteh.k ifjokjka dk LFkku Fk 1/41-3 ifr'kr1/2 j&M; ks@ V&L LVjka dh miy&krk dh n"V I s fLFkr xteh.k 1/35-8 ifr'kr1/2 vks 'kgjh 1/35-5 ifr'kr1/2 ifj; kstuvka ea yxHkx I eku Fkh] ml ds ckn tutkrh; ifj; kstuvka 1/32-6 ifr'kr1/2 dk LFkku Fkka 'kgjh {ks=ka ds mUkjnrkvka ds ikl rgyukRed : i I scgrj ifjI Ei fUk; ka Fkh] t& s fd VsyhOku@eksckby 1/20-3 ifr'kr1/2 x& duD'ku 1/48-0 ifr'kr1/2 vks I kbfdy@LdWj@eksjI kbfdy 1/49-7 ifr'kr1/2 xteh.k {ks=ka dk nll jk LFkku Fkka

mUkjnrkvka us crk; k fd VsyhOku ds ykHkka I s , d ykHk vki kfrd fLFkr; ka ea LokLF; I f&ekkvka dh I gk; rk dh I e; ij miy&krk Fkka xteokfI ; ka us crk; k fd Vsyhfotu I s mlga u d&y jktuhfrd I ekpjka dh tkudkjh feyrh g& cfYd I kekftd I eL; kvka ds ckjs ea Hkh tkudkjh feyrh g& t& sfd efgykva ds fo#) vijkek] LokLF; vks i k&kgkj] ifjokj fu; kstu] I jdkjh dk; D&ka@Ldheka ds ckjs ea tkudkjha yxHkx v&ks 'kgjh mUkjnrkvka 1/48-0 ifr'kr1/2 dks, y-i-h-th duD'ku dk ykHk i klr Fk rFkk yxHkx , d&pk&kkbz 1/24-1 ifr'kr1/2 xteh.k mUkjnrk Fk& tks uxjka@ 'kgjh {ks=ka ds vki & ikl jgrs Fkka ; g mYys[kuh; g& sfd vnk; xh dh I gt fdLrka ea Vsyhfotu] j&M; ks@ V&L LVjka LdWjka@ eksjI kbfdyka dh vki frZ I s bu ifjI Ei fUk; ka dh miy&krk vfed Fkha

'kk&ky; k& fctyh] [kys LFkku] I okru vkfn dh I f&ekkvka ds I kFk , d 0; fDr dh vkokl u fLFkr I s LoLFk jgu& I gu fLFkr; ka ea ; ks&nku feyrk g&



rFkk mudk chekfj; ka l s cpko gksrk gA ykHkFkhZ
 ifjokjka ea l ello; i)fr vksj vU; I ɔkvka ds
 , dh dj .k ds ekè; e l s bu I foèkkvka dh mi yCèkrk
 I ɔko gA ; |fi 39 ifr'kr ifjokj dPps
 edkuka@>ka fM+ ka ea jgrs Fkš rFkfi 32 ifr'kr
 ifjokj bA/ka vksj I heW I sfufeZ i Ddsedku fufeZ
 djus dh fLFkr ea Fkš tgka nhokja bA/ka dh cuh Fkha
 vksj I heW dk lykLVj fd; k x; k Fkk rFkk Nr
 Vkyka dh cuh Fkha cjkenk feèh dk cuk Fkk rFkk
 bu vk/ks i Ddsedkuka dk Q'kz dPpk Fkka bu ea l s
 vfèdkak ?kjka ea , d@nks dejs dh I foèkk Fkha
 jkš kunku] nks Nks/h f[kMfd; ka vksj , d njokts ds
 tfj, I wZ dh jkš kuh mi yCèk Fkha bu dejka ea
 eoš kh Hkh jgrs Fks rkfd mUga pkjh l s cpk; k tk
 I dA tutkrh; ifj; kstukvka ea >ka fM+ ka@dPps
 fuekZk 1/57-5 ifr'kr 1/2 Fkš bl ds ckn 28 ifr'kr vèks
 i Ddsedkuka dk LFku Fkka

I Hkh Jš.k; kaea?kjka ds fo | qhdj .k dh ifr'kr rk
 69 Fkh] RkFkk , d cgr cMk fgLI k 'kgjh {ks=ka ea
 1/87-9 ifr'kr 1/2 Fkš] ml ds ckn xkeh.k {ks=ka 1/68-0
 ifr'kr 1/2 dk vksj 56-5 ifr'kr ds l kFk tutkrh;
 {ks=ka dk LFku Fkka fo | qhdj .k dh 0; oLFkk cqu; knh
 rkš ij] I Hkh xkoka ds fy, fctyh dh vki firZ vksj
 fo'kš : i l s xjhch dh js[kk l s uhps jgus okys
 ifjokjka ds fy, fctyh dh vki firZ dh Ldhe ds
 varxZ dh xbz Fkha

7-1-4 I ešdr cky fodkl I ɔk ea l ello;

jkT; I jdkjka }kj k fofHkuu Lrjka ij fofHkuu
 I fefr; ka ds xBu dh l puk I ešdr cky fodkl

I ɔk ds ukM y fofHkxka dks efgyk vksj cky fodkl
 fofHkx %vc ea=ky; 1/4 Hkkjr I jdkj }kj k ns nh xbz
 Fkha bl [k.M e] fofHkuu Lrjka ij l ello; dh l hek
 vksj vkauokMh dšnz Lrj ij I ɔkvka ds vfHkl j.k dk
 irk yxkus dk iz kl fd; k x; k gA

7-1-4-1 xte Lrjh; I ello; I fefr

I ɔk, a inku djus ds fy, vkauokMh dšnz, d
 dšnz&fcUnq gA bl fy, l xte Lrj ij l ello; vR; r
 egUoi wZ gA rFkfi] vkauokMh dk; ZrkZ l gk; d
 ul ZfeMokbQ] LFkkuh; i Hkko'kkyh 0; fDr; k] l keft d
 dk; ZrkZ/k] nkb; kavksj i pk; rh jkt I LFkvvka ds pps
 gq ifrfufek; ka dks l keku; r% I fefr ea l feefyr
 fd; k x; k Fkka

7-1-4-2 ifj; kstuk Lrjh; I ello; I fefr

xkeh.k vksj tutkrh; {ks=ka dh 70 ifr'kr l s
 vf/kd ifj; kstukvka dh ifj; kstuk Lrj ij l ello;
 I fefr Fkh] rFkk 'kgjh ifj; kstukvka dh 1/83-0 ifr'kr 1/2
 ifj; kstuk Lrj ij l ello; I fefr Fkha tgka rd
 izaku dh fdLe ds vuq kj ifj; kstuk Lrj ij
 l ello; I fefr ds xBu dk l èak gš fu; fer l ešdr
 cky fodkl ifj; kstukvka vksj fo'o cM l gk; rk&i nUk
 ifj; kstukvka dk l èak gš ogka xš&l jdkjh l xBuka
 }kj k l pkyr ifj; kstukvka dh rgyuk ea l ello;
 I fefr; ka dh l è; k de gA

'kgjh ifj; kstukvka e] 80 ifr'kr l s vfèd
 cky fodkl ifj; kstuk vfèdkfj; k] i; bškdk vksj
 LokLF; dk; ZrkZ/ka us vi us Lrj ij i; klr l ello;
 dh ckr dghA xš&l jdkjh l xBuka }kj k l pkyr
 ifj; kstukvka e] cky fodkl ifj; kstuk vfèdkjh



Lrj ij I ello; dŋ i; kŋr Fkk] fdUrq {ks=@xte
 Lrj ij ; g I arkSkstud ugha Fkka tutkrh;
 ifj; kstukvka ds ekeys ea Hkh fLFkfr , d h gh gA
 {ks=@xte Lrj ij] fo'kSk : i I stutkrh; {ks=kaea
 LokLF; foHkx ds I kFk I ello; dk dŋ vHkko Fkka
 dŋ feyk dj] ifj; kstuk Lrj ij I ello; I arkSkstud
 ik; k x; ka nk&frgkbZ I s dŋ vfed cky fodkl
 ifj; kstuk vfedkfj; kaɗk er Fk fd I ello; I fefr
 dh cBd i Hkko'kkyh Fkh] tcf d yxHkx , d@i k p
 1/21-0 ifr'kr 1/2 us bl s vR; r i Hkko'kkyh ik; ka
 vuq akku ny us ik; k fd yxHkx 73 ifr'kr cky
 fodkl ifj; kstuk vfedkfj; ka us crk; k fd I ešdr
 cky fodkl I ɔkvka vkš LokLF; dk; Œrkz/ka ds chp
 i; kŋr I ello; Fkka fdUrq' kSk 27 ifr'kr us vi; kŋr
 I ello; dk mYy[k fd; ka i; kŋr ifr'kr] cky
 fodkl ifj; kstuk vfedkjh vkš LokLF; dk; Œrkz
 0; Lr jgrs Fkš ftl dh otg I s I ello; dk vHkko
 Fkka vi; kŋr I ello; dk , d vU; egŋoi wkZ dkj .k
 LokLF; dk; Œrkz/ka dk mnkl hu # [k Fkka {ks=h;
 ny }kjk vkadMk I xg ds nkš ku ; g Hkh ns[kk x; k
 fd xte Lrj ij I gk; d ul Z feMokbQ vkakuokMh
 dk; Œrkz/ka ds I kFk Hkyh&Hkkār I ello; ugha dj jgs
 FkA

7-1-4-3 I ešdr cky fodkl I ɔk ea I ɔkvkadk dŋotš

fofHkU Lrjka ij I ɔkvkadk I ello; vkš dŋotš
 dk I ešdr cky fodkl I ɔk ds ifj .kke vkš dk; Zi j
 I dkj kRed i Hkko i Mƒk gA muds }kjk iz ɔr dŋd
 i) fr; ka fuEukuq kj g%

- I fefr; ka dh cBda fu; fer : i I s vk; kš tr djuk

- vuɔrhZ mik; djuk
- vkakuokMh dŋnka ds dk; Œyki ka ea xte i p k; rka dks 'kkfey djuk
- xjhch js[kk I s uhp ds i fjokj ka ds fy, I gk; rk vkš I eFkZu gsrqmPp i kfedkfj; ka I s I Ei dZ djuk
- I kep kf; d Lrj ij I ɔkvkadk dŋotš Z vk; kš tr djuk

vkadMka I s; g i; kŋr : i I s Li "V gks x; k fd
 vkakuokMh dŋnka ds dk; Œyki ka ea xte i p k; rka dks
 'kkfey djus ds fy, xkeh.k {ks=ka ea iz kl fd, x, A
 ; g ukš/ djuk Hkh #fpdj gSfd dk; Œeka vkš I ɔkvka
 dks ij Li j&t k M us ds fy, I kep kf; d dŋotš vk; kš tr
 djus ds fy, iz kl fd, x,] tš k fd i; kŋr ifr'kr
 ea cky fodkl ifj; kstuk vfedkfj; ka us crk; ka
 ykHk kFkZ ka ds fy, uhfr; ka vkš dk; Œeka dks i Hkko h
 cukus ds mš; I } u dŋy fofHkU foHkxka ds chp
 cfYd I ešdr cky fodkl I ɔk ds vŋnj Hkh i wkZ
 I ello; vkš dŋotš Z LFk fir djuk vko'; d gš
 D; kŋd ; g bu iz kl ka ds dŋotš Z ds fy, , d mŋke
 ukMŋy fclŋq gA

7-1-5 I kep kf; d Hkxhkhkj h

I ešdr cky fodkl I ɔk dk; Œe dh ekkj .kk gS
 fd , d LFkkuh; efgyk gks ds sukrs vkakuokMh dk; Œrkz
 I epk; ds I kFk ml ds ifj p; ds dkj .k] I ɔk, ainku
 djusea dgha vfed i Hkko h gks xka 32 ifr'kr efgykvka
 us 1/15&45 o" kZ vkakuokMh; ka ea I eFkZu dkj h Hkfedk
 fuHk kb] tš sfd [kkuk i dkusea I gk; rk nsuk] bŋku dh
 0; oLFk djuk] LokLF; t k p&i Mƒky ds fy, cPpka
 dks bdek djuk] if'k{k.k ds fy, cPpka dks vkakuokMh
 rd yuku] i š ty ykukA tutkrh; ifj; kstukvka ea



1/89-6 ifr'kr½ bl I eFkZu dh ek=k vfedre ikbz
xbA oLrqds: i ea; ksnku Hkh] tš sfd vkauokMh
dšbka rd ijd i kškgkj ys tkuk] ifjogu ds vi us
I kekukadk blreku djuk] vkauokMh dšbka dh ejEer
ea tutkrh; ifj; kstukvka ea vfedre 1/16-0 ifr'kr½
i k; k x; ka

7-1-5-1 I epk; uskvka dk ; ksnku

vfedkka k I epk; uskvka us 1/69-7 ifr'kr½
vkauokMh dšbka ea vi uk ; ksnku i ; bšk.k] vkauokMh
dk; ZrkZ/ka dh oš fDrđ I eL; kvka dk I ekekku djuš
všj mlgaokNuh; rUoka I sl j {k.k inku djus ds: i
eafn; ka pkyhl ifr'kr uš vko'; d gksus i j vkauokMh
dk; ZrkZ/ka ds I kFk I g; kx fd; k všj I eFkZu Hkh
fn; ka ; g ; ksnku vkauokMh dk; ZrkZ/ka dks i R; {k
: i I snh xbz I gk; rk ea Hkh ifjyf{kr gwpk] ft I ea
mi fLFkr dks c<kok nuš fjdKMZ všj jftLVjka ds
vud j .k všj igyh d {kk eacPpka dks nkf [ky djusea
i kFkfed Ldnyka I sl g; kx všj I gk; rk i ktr djusea
enn nuk I feefyr gA ik; k x; k gš fd muea I s
dnd 1/17-75 ifr'kr½ usudn všj oLrqds: i eaHkh
; ksnku fn; ka dnyk feykj] ; g vlnkttk yxk; k tk
I drk gšfd rhu n'kdka dh vofek ds nšjku I epk;
dks I ešdr cky fodkl I ok dk; De ds ckjs ea
tkudkjh gksxbz gšvšj vc ; g vkauokMh dšbka dks
I gk; rk inku djus dh fn'kk ea vksxc<+jgk gA

dnd vkauokMh dk; ZrkZ/ka us crk; k fd
mlgafnu&i frfnu ds vi us dk; bdyki ka ea I epk; dh
Hkxhnhkj i ktr djus ea I eL; kvka dk I keuk djuk
i MhA vkauokMh dk; ZrkZ vfedkka kr% ml h I epk;
I sgksrgA mEehn dh xbz Fkh fd os I epk; ds ykšca
dh Hkxhnhkj všj I eFkZu i ktr djusea i Hkkoh ekè; e
ds: i eafn) gkaA fdUr qmlgabl I ak ea d fBukb; ka

dk I keuk djuk i MhA yxHkx , d&frgkbz 1/33-6
ifr'kr½ us crk; k fd I epk; ds i kl I e; ugha Fkh]
D; kaid muea I svfedkka k vi uh vkt hfodk grqj kst xkj
dh [kkt ea ckj pyst krs Fka xteh.k všj tutkrh;
I epk; ka ds ekeys ea ; g I p gA xjhch , d vl;
dkjd gš tks y{; I engka ds chp fo | eku gA yxHkx
23 ifr'kr vkauokMh dk; ZrkZ/ka us ik; k fd ykx
vkauokMh dk; ZrkZ ds ckjs ea fcYdy mnkl hu Fks
rFkk mudk crkb c# [kh okyk Fkka ifj; kst uk
dk; ZrkZ/ka fo'kšk : i I s vkauokMh dk; ZrkZ/ka ds
chp vi ; ktr tkudkjh I epk; dh Hkxhnhkjh ds I ak
ea , d xEHkhj deh Fkh] D; kaid ml ea I epk; dh
Hkxhnhkjh i ktr djus ds fy, fofek; ka všj rdudhka ea
I Ei šk.k n {krkvka dk vHko Fkka

7-1-6 I ok, ai nku djus dk vkdyu djuk

ml dk; Zdkyrk všj I hek dk vlnkttk yxkus
dk iz, kl fd; k x; k gš ft I I hek rd fofHku y{;
I engka ds ykHkFkZ I ešdr cky fodkl I ok ds
varxZ I okvka dk i šst miyCek dj; k tkrk gA
vkdyu ds rgr xHkZrh všj nšeki ku djus okyh
ekrkvka rFkk uotkr o N% ekl I s N% o"z ds chp
cPpka dh i kškgkj všj LokLF; fLFkr dk i rk yxka
bl ds varxZ LokLF;] i kškgkj všj Ldny&i dZ tš h
I ešdr cky fodkl I okvka dks mi ; kx dh I hek
všj mu dkjdka dk Hkh i rk yxk; k x; k] tks bu
I okvka ds i Hkkoh mi ; kx ea ykHkFkZ; ka dks i Hkfor
djrs gA

7-1-6-1 ijd i kškgkj

N% o"z dh vk; qI s de dscPpka všj fuEu vk;
i fjokjadh ufl š o xHkZrh ekrkvka dks i ijd i kškgkj
inku fd; k tkrk gš tks ykHkFkZ; ka ds p; u ds I ak



ea efgyk vksj cky fodkl ea=ky;] Hkkjr I jdkj }kjk I e; & l e; ij tkjh exfunz kka ij vkekkfjr gA

i kskkgkj dk forj.k

I efd r cky fodkl I ok ds vlrxr ijd i kskkgkj fofHku I kskkal siklr fd; k tkrk gA vkdyu ds vkaokM+ I sirk pyk fd 80 ifr'kr ifj; kst ukvka ea vkaokM+ ka ea i kskkgkj dh 0; oLFkk djus dk I ksk jkT; I jdkj Fkh] tks Hkkjr; [kk | fuxe o muds }kjk fofuekkfjr vl; I kskka I s [kk | ena i klr djrh gA ; g i rk pyk fd fo'o [kk | dk; De vkaokM+ ka ds N% ifr'kr dh I gk; rk djrk gS tcf d ^ds j* us vkaokM+ ka ds pkj ifr'kr rd viuh i kskkgkj I gk; rk dk ; ksnku djrk gA , d h Hkh i d fuk nskus ea vkbz fd xte i pk; n@ Lo; a l dh I eng ykHkkfFkz; ka dks idk gqk [kkuk forfjr djrs gA ; | fi , d s ; ksnku dh ifr'krk I kekkj.k gS fQj Hkh I efd r cky fodkl I ok dk; Zrkz/ka dh] fo'kSk : i I s vkaokM+ dk; Zrkz/ka ds iz; kl ka dh] vkaokM+ ds dk; Zyki ka ea I epk; dks 'kkfey djus ds fy,] I jkguk dh tkuh pfg, A I Hkh {ks=ka ea & xteh.k} 'kgjh vksj tutkrh; & jkT; @I ak'kkfI r {ks= I jdkja ijd i kskkgkj dh cM+ ; ksnkudrkz gS rFkfi 'kgjh 1/2-5 ifr'kr 1/2 vksj xteh.k 1/5-8 ifr'kr 1/2 dh rgyuk ea tutkrh; {ks=ka ea ; ksnku dh ; g I hek de Fkh 1/6-8 ifr'kr 1/2 I a ekr jkT; I jdkj }kjk fuekkfjr ekin.M dks viukdj ykHkkfFkz; ka dk p; u fd; k tkrk gA

vkaokM+ ka ea inku fd, tkus okys [kk | dh fdLeka dsckjseahkh vkaokM+, d= fd, x, FkA 42 ifr'kr vkaokM+ ka dks [kk | dh dPph I kexh i klr gksr Fkh rFk ml svkaokM+ dlnzeai dk@rS kj

djdscPpka dks i jk k tkrk FkA ; g i) fr tutkrh; ifj; kst ukvka dh vkaokM+ ka ea vfekd ipfyr Fkh 1/3-5 ifr'kr 1/2 I Hkh fdLe dh ifj; kst ukvka ea B [kkus ds fy, rS kjp [kkuk miycek dj; k tkrk gA 'kgjh ifj; kst ukvka dh vkaokM+ ka dh vfekdre 1/4-8 ifr'kr 1/2 ml ds ckn xteh.k ifj; kst ukvka dk 1/3-6 ifr'kr 1/2 vksj tutkrh; ifj; kst ukvka dk 1/2-5 ifr'kr 1/2 LFkku FkA dN vkaokM+ ka 1/18-0 ifr'kr 1/2 ea idk gqk rFk B [kkus ds fy, rS kjp nksuka i zdkj dk [kkuk inku fd; k tkrk FkA xqt jkr] jkT LFkku] egkj"V" rFk eè; insk tS s dN jkT; ka ea N% o"kkal sde vk; qds I Hkh cPpka dks ftlgaoteu ds vkekkj ij] xEHkj : i I @I kekkj.k : i I s di kS"kr ds: i eafofuekkfjr fd; k x; k Fk] ijki dkjh I xBuka@0; fDr; ka }kjk enq : i ea 1/4 p. k 1/2 idk jkxgj vkgkj@fMcckan nsk miycek dj; k tkrk gA ; g] dk; De dks i Hkkoh vksj I kFkd cukus ds fy,] vkekkj Hkur Lrj ij I a keku tPkus ds fy, I efd r cky fodkl I ok dk; Zrkz/ka }kjk fd, x, mYys[kuh; iz; kl ka dk I dsr gA

ijd i kskkgkj ds forj.k ea 0; oekku

dy feykdj] ; | fi 46 ifr'kr vkaokM+ dk; Zrkz/ka 1/2 xteh.k & 47-6 ifr'kr] tutkrh; & 38-2 ifr'kr vksj 'kgjh & 50-8 ifr'kr 1/2 us i kskkgkj ?kVdka dh vki firz dh n"V I s fd l h 0; oekku dh fj i kZ/ ugha dhA] rFkfi 52-9 ifr'kr us 0; oekku ka dk mYys[k fd; ka tutkrh; vkaokM+ dk; Zrkz/ka us vkaokM+ dlnka dks I okfekd 0; oekku ka 1/6-10 ifr'kr 1/2 dk I keuk djuk i M] ml dsckn xteh.k 1/5-20 ifr'kr 1/2 vksj 'kgjh vkaokM+ dlnka dks 1/4-50 ifr'kr 1/2; oekku i gpa ijd i kskkgkj dh vki firz ea ftu vkaokM+ dlnka us 0; oekku dsckjseacr; k] muea I s 43 ifr'kr us, d ckj , d h fLFkr dk I keuk fd; k] tks fLFkr nks



eghus I s vfekd ugha pyh(27 ifr'kr vka uokM+ ka dks nks ckj , d h fLFkr dk I keuk djuk i M+ 1/4nks eghus I s vfekd] fdllrq rhu eghus I s vfekd ugha(1/25-5 ifr'kr 1/2 vka uokM+ ka dks ; g I eL; k rhu ckj vFkok ml I svfekd ckj i s k vkbA vka dMka I } fu; fer I ešdr cky fodkl I ok ifj; kst ukvka ea i j d i kSkkgkj ds 0; oekku ea , d fujk' kktud 1/4vks ru 46-31 fnu 1/2 fLFkr dk i rk pyr k gš ftl snij djus ds fy, fo' kSk iz kl djus dh t: jr gA ftu ifj; kst ukvka ea 0; oekku i gpk] muea I s 88 ifr'kr ifj; kst ukvka ds I ak ea 0; oekku ds , d i e[k dkj . k ds : i ea i j d i kSkkgkj dh vki firzean g h dh fj i kVZ dhA bl dk e[; dkj . k I Hkor% i fjogudrkZ dks vnk; xh u fd; k tkuk vFkok ifj; kst ukvka ds fy, i fjogu ds ckj seafuf' pr djus I s I Ec) I eL; k gks I drh gA

ij d i kSkkgkj ds vrxr efgykvka dk dojst

vka uokM+ d bnta ea xHkZrh efgykvka vks ufl & ekrvka dks i j d i kSkkgkj inku fd; k tkrk gA vka uokM+ d bnta ea vkus okyh 1/2 fj i kVZ djus okyh 1/2 13750 efgykvka ea l s 1/2 xteh . k {ks=ka ea 8] 793] tutkrh; {ks=ka ea 2] 315 vks 'kgjh {ks=ka ea 2] 642 1/2 6] 526 1/4 7-5 ifr'kr 1/2 xHkZrh efgykvka dk i at h d j . k fd; k x; k 1/2 xteh . k & 46-4 ifr'kr] tutkrh; 59-6 ifr'kr vks 'kgjh & 40-4 ifr'kr 1/2 ftuea l s 5] 696 1/8 7-3 ifr'kr 1/2 xHkZrh efgykvka dks ykHk i klr gpk 1/2 xteh . k & 85-9 ifr'kr] tutkrh; & 93-5 ifr'kr vks 'kgjh & 84-6 ifr'kr 1/2 vka uokM+ d bnta ea xHkZrh efgykvka dh I cl s vfekd I ; k 1/4 9-5 ifr'kr 1/2 fo'o c d I gk; rk&i nUk I ešdr cky fodkl I ok ifj; kst ukvka ds vrxr I pkyr d bnta ea i at h d r dh x b] ml ds ckn xš&l jdkjh I aBuka }kj k I pkyr I ešdr cky fodkl I ok ifj; kst ukvka 1/4 8-6 ifr'kr 1/2 vks fu; fer I ešdr cky fodkl I ok ifj; kst ukvka 1/4 7-2 ifr'kr 1/2 dk LFkku Fkka #fpdj ckr ; g gšfd

fu; fer I ešdr cky fodkl I ok ifj; kst ukvka 1/6 1-8 ifr'kr 1/2 vks xš&l jdkjh I aBuka }kj k I pkyr I ešdr cky fodkl I ok ifj; kst ukvka 1/5 8-3 ifr'kr 1/2 ds tutkrh; vka uokM+ d bnta ea xHkZrh efgykvka dk I cl s vfekd dojst i k; k x; kA

xHkZrh efgykvka dsp; u ds fy, vi uk, x, eki n. M dks ufl & ekrvka ds ekeys ea Hkh vi uk; k x; kA egUoi wZcckr ; g fd fo'o c d I gk; rk&i nUk I ešdr cky fodkl I ok ifj; kst ukvka ds vrxr nl ufl & ekrvka ea I s uS 1/9 1-6 ifr'kr 1/2 dks i kSkkgkj inku fd; k tkrk gš ml ds ckn fu; fer I ešdr cky fodkl I ok ifj; kst ukvka 1/8 8-4 ifr'kr 1/2 vks I jdkjh I aBuka }kj k I pkyr I ešdr cky fodkl I ok ifj; kst ukvka 1/8 5-9 ifr'kr 1/2 dk LFkku Fkka I okZekd #fpdj ckr ; g Fkh fd xš&l jdkjh I aBuka }kj k I pkyr I ešdr cky fodkl I ok ifj; kst ukvka ea I Hkh i at h d r ufl & ekrk, a tutkrh; vks 'kgjh {ks=ka ea vka uokM+ d bnta I s ykHk i klr dj jgh Fkh] tcf d xteh . k {ks=ka ea ; g ifr'kr 75-6 Fkka dgy feyk dj] vkeks I s d n vfekd 1/5 2-8 ifr'kr 1/2 ufl & ekrk, a i at h d r Fkha buea I s 89 ifr'kr dks i j d i kSkkgkj i klr gpkA ; g ns[k k x; k fd i j d i kSkkgkj ds fy, 80 ifr'kr I s vfekd ufl & ekrvka dk i at h d j . k fuEufyf[kr j k T; ka ea gpk% v# . k kpy i n s k 1/8 2-9 ifr'kr 1/2 fetkj e 1/8 0-3 ifr'kr 1/2 ukxky M 1/8 1-8 ifr'kr 1/2 vks nknjk o ukxj gosy ds I ak' kkl r {ks= 1/8 5-5 ifr'kr 1/2 vks y{ k } hi 1/8 7-7 ifr'kr 1/2 ; g Hkh i k; k x; k fd bu j k T; ka ea ufl & ekrvka dk i kSkkgkj ifr'kr Apk Fkka

cPps 1/6 ekl I s 3 o" kZ

; g i k; k x; k fd i j d i kSkkgkj ds fy, cPpka dk p; u I ak' kkl r j k T; @ I ak' kkl r {ks= i z kkl u }kj k



fuèkZj r ekin.M dk ikyu djds fd; k x; k FkA
 crk; k x; k fd ueus dh I Hkh vkakuokfM+; ka eɔ fodkl
 pkVZ vk; qdsvuɔ kj otɛu dk , d jɔkh; i Lrɔhdj .k
 I lykbZ fd; k x; k FkA tgka fodkl pkVZ miyÇek ugha
 Fkɔ vk; qdsvuɔ kj otɛu] tle I sydj i kp o"lZ rd
 , d jftLVj eantZfd; k x; kA nɔ[kk x; k fd xM III
 vɔɔ IV dɔj kɔ"kr cPpka ds ekeys eɔ rksyu i fØ; k
 ek=krRed vɔɔ xqkkRed] nksuka gh n"V I ɔ I rksktud
 <x I s dk; Z dj jgh FkA I gk; d ul ZfeMokbQ vɔɔ
 MkDVj fo'kSk è; ku nrs Fks vɔɔ jksxgj vɔgkj miyÇek
 djkrFkA vkakuokfM+ dk; ZdrkZvɔɔ cky fodkl i fj; kstuk
 vfeɔdkjh vɔfkyɔ[kka dh ekuhVfjɔ djrs Fks vɔɔ dɔj kɔ"kr
 cPpka dh I ɔ; k ds ckjs ea tkudkj inku djrs FkA
 vkɔMka I s irk pyk fd yMelka 159-1 i fr'kr½ dk
 i athdj .k ckyfɔkvka dh viɔkk 155-2 i fr'kr½ vfeɔd
 FkA dɔy feykɔdj] ijd i kSkkgkj dk ykHk mBkusokyh
 ckyfɔkvka dk i fr'kr dkQh vfeɔd Fk & dɔy feykɔdj
 82 i fr'kr & xkeh.k 172-6 i fr'kr½ tutkrh; 181-1
 i fr'kr½ vɔɔ 'kgjh 174-4 i fr'kr½A bl tkudkj ds
 i fj.kkeLo: i , d vɔɔ #fpdj ckr tksmHkj] og ; g
 Fkh fd dɔj jkT; ka vɔɔ I ɔk'kkf l r {ks=ka ea 90 i fr'kr
 I svfeɔd cPpka us & yMelsvɔɔ yMfd; ka nksuka us ijd
 i kSkkgkj dk ykHk mBk; kA

cPps 18&6 o"lZ

Ldɔy&i ɔZ f'k{kk i klr djus okys cPps Hkh
 vkakuokfM+; ka ea ijd i kSkkgkj i klr djus ds gdnkj
 FkA bl I s vkakuokfM+; ka ea mi fLFkfr dks i kRl kgr
 djus vɔɔ bl vk; ɔoxZ ds cPpka dh dɔyɔkh I ɔk'kh
 vko' ; drkvka dks i jk djus ea Hkh enn feyhA bl
 rF; ds ckotɔn fd yMelka dh rɔyuk ea 151-1
 i fr'kr½ vfeɔd yMfd; ka i athdɔr Fkha 157-8 i fr'kr½
 yMfd; ka dh rɔyuk ea 174-6 i fr'kr½ yMelka us

vfeɔd ykHk mBk; k 175-9 i fr'kr½A bl ds vykok
 tutkrh; {ks=ka ea i athdɔr cPpka dh i fr'kr½ &
 yMelka vɔɔ yMfd; kɔ nksuka Jɔ.k; ka ea vfeɔd Fkh
 ; | fi dɔy feykɔdj ykHk mBkusokyka dh i fr'kr½
 i fj; kstuk ds {ks=@fyɔ ds ckotɔn] 72&76 ds cɔp
 FkA B[kkus ds fy, rɔ kjɔ I ɔ ds fodkl dks I ɔ
 cɔn] eFkjh] e#Ddqvɔɔ I djikj ds: i ea Lohdkj
 vɔɔ i kRl kgr fd; k x; kA bu enka dh rɔ kjh ij
 dɔj d vkakuokfM+; ka eɔ I klrkfgd vɔkɔkj ij] fuxjukh
 dh xba f'k'kyka@vR; r Nksv cPpka ds ekeys eɔ
 mlh I kexh dks nɔk@i kuh feykɔdj i kmMj vɔɔ
 yɔxnh ds: i ea cuk; k x; kA

ijd i kSkkgkj dh Lohdk; r k

I ešdr cky fodkl I ɔk dk; ɔe ds vɔxɔ
 bl ckr dks Lohdkj tkrk gɔ fd xHkɔrh vɔɔ
 ufl ɔ ekrvka dks rFk xEHkj : i I s dɔj kɔ"kr
 cPpka dks Hkh] tksmuds i fjokj ka dks I kɔ dfrd vɔɔ
 eukɔSkfud : i I s Lohdk; Z Fkɔ fo'kSk [kkuk fn,
 tkus dh t: jr gɔ rktk rɔ kj fd, x, i ds [kkus
 ds ckj sea, d i zu ds mUk ean&frgkbZ vkakuokfM+
 dk; ZdrkZvka 167-1 i fr'kr½ us Lohdkj kRed mUk
 fn; kA buea I s 69 i fr'kr tutkrh; vɔɔ xkeh.k
 i fj; kstukvka I s Fkɔ ml ds ckn 'kgjh i fj; kstukvka
 dk LFkku 157-5 i fr'kr½A mlugkaus; g Hkh crk; k fd
 rɔ kj rkt [kkus dh ena Fkh% f[kpMh] i kɔy@
 bMyh] nfy; k] puk] i gko@ gyok@ i kɔgk] gjk
 puk vkfnA

nI vkakuokfM+ dk; ZdrkZvka ea I s vɔB 180-0
 i fr'kr½ us crk; k fd [kkuk cPpka vɔɔ ekrvka dks
 vR; r Lohdk; Z FkA mlugkaus bl s Hkyh&Hkɔr rɔ kj
 Lokfn"V i k; k vɔɔ ml [kkus ea vkuɔn fy; kA yxHkx
 I kr i fr'kr us fn, tkus okys i kSkkgkj dh dɔy
 dɔj d enka dks Lohdk; Z i k; kA X; kjg i fr'kr us nh



tkusokyh [kk] enka dks Lohdk; Zughai k; KA T; knkrj
 f'kd; ra xteh.k ifj; kstukvka ds Lcak ea i ktr gpa
 1/3-5 ifr'kr 1/4 ml ds ckn 'kgjh 1/8-4 ifr'kr 1/2 vks
 tutkrh; ifj; kstukvka 1/7-1 ifr'kr 1/2 dk LFkku Fkka
 [kk] dh Lohdk; rk tutkrh; ifj; kstukvka 1/8-7
 ifr'kr 1/2 ea vfedre Fkh] ml ds ckn xteh.k 1/7-8-8
 ifr'kr 1/2 vks 'kgjh ifj; kstukvka 1/7-6-7 ifr'kr 1/2 Fkka
 16 jkT; ka I 2k' kkl r {ks=ka ds vkauokMh dk; Drkzka
 uscrk; k fd Bdnkj }kjk I lykbZdh xbz dnd B[kkus
 dsfy, rS kjp [kk] enka dk [kir Lrj ?kfV; k Fkka
 vkauokMh dk; Drkzka us crk; k fd dN jkT; ka ea
 [kk] dh ena 75 ifr'kr l s de ykHkFkz ka dks
 Lohdk; Z Fkka jkT LFkku 1/6-7-9 ifr'kr 1/4 eSkky; 1/4-0-0
 ifr'kr 1/4 mUkj kpy 1/4-0-0 ifr'kr 1/2 vks l cl s de
 mUkj ind k 1/2-5-7 ifr'kr 1/2 l s crk; k x; ka ykHkFkz; ka
 us ik; k fd [kk] ena Lokfn"V ugha Fkha vks bl fy,
 mlghaus Lohdkj ugha fd; ka l for [kk] enka ea dkbZ
 fofokrk ugha Fkha bl ds QyLo: i [kk] enka dh
 cjcknh gpa dHk&dHk og [kjc ekS e l Fkfr; ka
 vks ?kfV; k i Sda dh otg l shh [kjc gks tkrk Fkka
 , d vU; dkj .k l lykbZ dh xba [kk] enka dh ?kfV; k
 xqkoUk crk; k x; ka

fodkl ekuVfjx

bu cPpka dh n[kHky vks l kFk gh xEHkj : i
 l sdq ks"kr cPpka dh t: jrka dks i jk djus dsfy, Hk
 cky fodkl ifj; kstuk vfedkfj; ka vks i kFfed LokLF;
 dlnka@l enk; LokLF; dlnka ds sfpdRI k vfedkfj; ka
 }kjk yxkrkj e; ku fn; k tkrk gS vks fuxjkuh j [kh
 tkrh ga ftyk vks jkT; Lrjh; vfedkfj; ka us , d s
 cPpka dh cgrj i k'kgkj vks LokLF; n[k&j] k l fuf' pr
 djus dh Hk 0; oLFk dh rkfd mlga l keU; Jf. k; ka ds
 varx r yk; k tk l da ; g ik; k x; k fd vkauokMh
 dk; Drkzka us 63-5 ifr'kr uotkr cPpka dk otu

fd; k rFk ekrvka us uotkr cPpka dk otu djus l s
 tM; yknu ds cktm bl dke ea l g; ks fn; ka
 'kgjh ifj; kstukvka ds 1/6-7-5 ifr'kr 1/2 vkauokMh
 dk; Drkzka us uotkr dk otu fd; ka xteh.k
 vkauokMh dk; Drkz 1/6-4-0 ifr'kr 1/2 Hk uotkr dk
 otu djuseal Qy jg; tcd tutkrh; vkauokMh
 dk; Drkz 1/5-9-4 ifr'kr 1/2 Hk ekrvka dks vk' oLr djus
 eal Qy jgsvks uotkr dk otu dj l da dk; Drkzka
 us crk; k fd 3 o"l l s de vk; q ds cPpka dk ekl ea
 , d ckj otu fd; k tkrk Fk] tcd 3&5 o"l ds
 vk; oxZ ds cPpka dk frekgh vtekkj ij otu fd; k
 tkuk Fkka 82 ifr'kr vkauokMh dk; Drkz bl
 ekxunz k dk ikyu djrs Fks rFk rhu o"l l s de
 vk; q ds cPpka dk ekl ea , d ckj otu djrs Fk
 rFkfi] 3&5 o"l ds vk; oxZ eacPpka dk otu djus
 dh l Fkfr dN cgrj Fkh] D; kd vfedkd k vkauokMh
 dk; Drkz 1/8-3-3 ifr'kr 1/2 , d k djuseal efkz Fkka otu
 djus vks ml s fjdkMZ djus dh l kjh ftEenkjh
 vkauokMh dk; Drkz dh Fkh 1/8-5-8 ifr'kr 1/2 vkauokMh
 dlnka dk nsk djus okysfnu i; bkd xEHkj : i l s
 dq ks"kr cPpka vks uotkr ds fodkl dk ekuVju
 djus ea enn nrs Fkka

fodkl ekuVfjx ea vkauokMh dk; Drkzka dks i s k vkus okyh l eL; k, a

vkauokMh dk; Drkzka us; g dk; Z djusea i s k
 vkusokyh l eL; kvka ds cksj sea crk; ka 748 vkauokMh
 dlnka ea l s, d&frgkbZ l s dN vfed 1/1-1 ifr'kr 1/2
 ea dkbZ fodkl pkVZ ekStm ugha Fks rFk pj ifr'kr
 vkauokMh dlnka ea rgykvka dk vHko Fkka vkauokMh
 dk; Drkzka }kjk crk, x, vU; dkj .kka ea rgykvka ds
 ejEer ds rgr gks us 1/8-3 ifr'kr 1/2 vks l e; kHko
 1/2-4 ifr'kr 1/2 dk mYy k fd; ka l kp ifr'kr ekrk&fi rk



vi us cPpka dk otu djkus ea l g; kx ugha nrs Fks rFkk vkauokMh dk; Zdrkz 1/3-2 i fr'kr 1/2 fodkl pkVZ Hkjus ea Hkh vl eFkz FkA ux.; I q; k ea 1/4-9 i fr'kr 1/2 vkauokMh dk; Zdrkz cPpka dk otu djus ea i; kZr : i I sn{k ugha FkA 'kgjh i fj; kst ukvka ds vkauokMh dk; Zdrkz/ka dks v fkd , d h l eL; kvka@dfBukb; ka dk I keuk ugha djuk i MhA

ekrkvka dks i jke'kz nsuk

vkauokMh dk; Zdrkz/ka dks otu dks n[krs gq rFkk LokLF; LVkQ dh l ykg ds vkekj ij vuorhZ dkj ZkbZ djuh gkrh gA i; kZr i fr'kr 1/84-1 i fr'kr 1/2 ea vkauokMh dk; Zdrkz/ka us ekrkvka dks otu djus ds i fj. kkeka v[cky LokLF; ij bl dh i frf0; kvka rFkk i k[kkgj dsckj sea tkudkjh inku dh rFkk mlga cPpka dk[fo'k[: i I s mu cPpka dks tks ; k rks xEHkhj : i I sdij k[kr Fks vFkok mudk otu fodkl pkVZ dh l keku; o0 j[k l s de Fkk i k; % f [kykrs jgus dh l ykg nhA bl ds vykok] 65 i fr'kr vkauokMh dk; Zdrkz/ka }kjk , d s cPpka dh LokLF; tkp ij cy fn; k x; kA vkauokMh dk; Zdrkz/ka 1/60-8 i fr'kr 1/2 us cPpka dks vkauokMh ea f [kykus dh Hkh 0; oLFkk dh rkfd [kk | dk mi ; kx vHkh"V cPpka }kjk gh fd; k tk, v[ml s ?kj ea vU; cPpka ds l kFk u ck[k tk, A

7-1-6-2 Ldny&i wZf'k{kk

bl l c[ek ea or[ku ve; ; u ds v[x[vkauokMh; l fefyr cPpka vkauokMh dk; Zdrkz/ka }kjk vk; k[tr Ldny&i wZf'k{kk dk; Zdyki ka dh fdLeka o vU; l Ec) i gypka dh n"V l s i ktr fd, x, FkA vkauokMh ea v[ru 37 cPps Ldny&i wZf'k{kk dsfy, i at h[r FkA bl l s i r k pyr k g[fd vkauokMh dk; Zdrkz/ka us o[pr oxk[ds cPpka dks vkauokMh d[n[rd ykus ds fy, l dkj kRed iz, kl fd, rkfd os i k[kkgj v[

LokLF; I okvka dk Hkh ykHk mBk l dA dy feykdj] i at h[r cPpka ea l s 75 i fr'kr us vkauokMh ea Hkx fy; kA vkauokMh d[n[ea uke n[z v[mi fLFkr jgus okyka dh l q; k r[yu kRed : i l syxHkx , d l eku FkA rFkfi] mi fLFkr ds vkauokMh ea foj k[k[k[n[k[tk l drk g[ft l l s i r k pyr k g[fd ykHk i ktr djus ds fy, vkauokMh d[n[ea yMe ka dh r[yu k ea yM[d; ka dh l q; k v fkd FkA bl fy, , d h i R; d l Hk k[o k g[fd yMe ka dk[fo'k[; i l s 'kgjh {ks=ka v[dLcka e] Ldny&i wZf'k{kk dsfy, futh Ldnyka ea Hk stus dks i kFk fedrk nh tkrh FkA

Ldny&i wZf'k{kk dk; Zdyki

Ldny&i wZf'k{kk dk; Zdyki ka ds i fr ekrk&f i rk ds ck[k dks l gh djus dsfy, vkauokMh dk; Zdrkz/ka v[i fj; kst uk LVkQ }kjk dBk[iz, kl fd, x, A bl ckr dks n[krs gq] cPpka dsfy, vi usekrk&f i rk dh vkdk[kvka dks i jk djus dsfy,] vkauokMh d[n[ea v[pkfjd f'k{kk ds d[n[ruo 'kkfey fd, x, A yxHkx l Hkh vkauokMh d[n[ea 1/95-1 i fr'kr 1/2 cPpka l s x[r xok, x, A dgkuh l q[k[rFkk fxurh fxuuk nks vU; dk; Zdyki Fk[ftudk 91 i fr'kr vkauokMh dk; Zdrkz/ka }kjk vk; kst u fd; k x; kA 78 i fr'kr vkauokMh dk; Zdrkz/ka us v[j[x dk; Zdyki ka ea cPpka dh Hk x h[k[dh fji k[z dh] muea l s rhu&pk[k[b[1/4-7 i fr'kr 1/2 us cPpka dks [kydj ckyus v[Nk[&Nk[s dk; Zdyki vk; k[tr dus ds m[s ; l s vi usef l r" d dk bl r[ky djus dsfy, e[r : i l s k[r p[h[r djus ds fy, Hkh m[Rl k[fr fd; kA 70 i fr'kr vkauokMh d[n[us ck[gh [kyka dk vk; kst u fd; kA fp=dkjh] eqz k] M[b[x] ekkx l c[kh v[i fj'k[l ello; l s l Ec) vuq i j[x v[fodkl t[s vU; dk; Zdyki ka v[l kFk gh Hk k[Red rFk ck[d fodkl g[r[dk; Zdyki ka i j Hkh p[u[n[vkauokMh d[n[ea d[y



vka'kd : i I sè; ku fn; k x; kA cPpka dsfy, ckgjh [ksyka ds okLrs [kyk LFkku ,d xHkhj I eL; k Fkh] bl fy, ; sdoj 70 ifr'kr vkakuokM+ kard I hfer jgA nskt&fHku [ksy miLdjka ij fuHkjrk dh iDfÜk n[kh xb] ftl sde I sde djus dh t: jr gA

7-1-6-3 ykšj vkšj Qksyd , fl M xksy; ka

ekrkvka I s, d= fd, x, vkadMka I sirk pyk fd N%ekl vkšj 3 o"lz ds chp ds nl cPpka ea I s N% cPpka 1/59-6 ifr'kr½ dks ykšj vkšj Qksyd , fl M xksy; ka nh xba vkakuokM+ dk; Zdrkz/ka }kjk ?kja ds nkška vkšj i ksk.k rFkk LokLF; f'k{k I =ka ds nkšku rFkk LokLF; tkp dh ifØ; k ds nkšku Hkh] xHkZrh ekrkvka ds fo'kšk I anHkZej bu xksy; ka ds mi; ksx dh i) fr ij ckjhdh I s utj j [kh tkuh Fkha xHkZrh efgykva }kjk ykšj vkšj Qksyd , fl M xksy; ka ds miHkksx I sirk pyk fd bl Jskh dh efgykva 1/68-9 ifr'kr½ us fu; fer : i I s bu xksy; ka dk I ou fd; k] tcf d vl; 16 ifr'kr usbudk dHkh&dHkh B; nk&dnp rFkk [kkusdh bPNk gkus ij] I ou fd; kA ekrk, a 1/13-5 ifr'kr½ bu xksy; ka dks vius ikl j [krh Fkh] fdUrqmUgkaus I ou ugha fd; k] D; ka d mUga budk Lokn il an ugha Fkka

7-1-6-4 ifrj{k.k

cPpka dks fVvul vkšj ikšy; ksdsfo#) ifrj{k.k ij I ešpr : i I s è; ku fn; k x; kA nHkK; o'k] xteh.k vkšj 'kgjh {ks=ka ds chp LokLF; n[k&jš[k I okvka dh 0; oLFkk djuseaHkh varj c<+jgk gA ij kus jhfr&fjokt] fo'okl k] ijEijvka vkšj fu"kekka vl arkštud I Eik.k vkšj vR; ar xjhch tš s vl; dkjdka }kjk I eL; k vkšj Hkh xEHkhj gks tkrh gA rišnd] fMi Fkhj; k] dkyh [kka h] fVvul] [kl jš vkšj

, d o"lz I s de vk; q ds cPpka ds fy, ikšy; ks ds fo#) ifrj{k.k} I ešdr cky fodkl I ok ifj; kst uk {ks=ka ea ikFkfed LokLF; dšnz@I epk; LokLF; dšnz vkšj mudh vekhuLFk LokLF; izkkyh ds }kjk fd; k x; kA nk&frgkbz 1/66-1 ifr'kr½ LokLF; dk; Zdrkz/ka us cPpka ds iwz ifrj{k.k dh fj i kšZ nh] I cl s vfedk ifrj{k.k 1/71-6 ifr'kr½ xteh.k ifj; kst ukvka eafd; k x; k] ml ds ckn 'kgjh 1/65-7 ifr'kr½ vkšj tutkrh; 1/51-5 ifr'kr½ ifj; kst ukvka dk LFkku Fkka LokLF; dk; Zdrkz/ka us crk; k fd iwz : i I s ifrj{kr cPpka dh fLFkr} ifrj{k.k dk; Øe vk; kštr fd, tkus ds I e; mudh miyCekrk ij fuHkj Fkha 'kgjh {ks=ka ej} ifrj{k.k dh fLFkr mEehn I s de irhr g] tcf d xteh.k I ešdr cky fodkl I ok ifj; kst ukvka ea fLFkr 1/71-6 ifr'kr½ rgyukRed : i I s cgrj Fkha ; g ukš/ djuk #fpdj gšfd LokLF; dk; Zdrkz/ka@ vkakuokM+ dk; Zdrkz/ka }kjk Vhdkdj.k dk I gh <x I s fjdkMZ j [kk x; kA

vi; kr ifrj{k.k ds dkj.k

I ešdr cky fodkl I ok rFkk LokLF; dk; Zdrkz/ka bu I engka vkšj 0; fDr; ka ds mUke bjknka vkšj bškunkjhi wkz iz, kl ka ds ckotm] I Hkh ykHkKfFkz, ka ds iwz ifrj{k.k ds miš; I s ikr djus ea vuš I eL; k, avkšj dfBukb; ka i šk vka yxHkx , d&pkškkbz LokLF; dk; Zdrkz/ka }kjk crk, x, vuš kj , d cMk-dkj.k ifrj{k.k ds ifr ekrk&firkvka dh mnkl hu iDfÜk 1/23-3 ifr'kr½ Fkh] ml ds ckn ifrj{k.k I s tMš vUekfo'okl dk LFkku gš 1/17-6 ifr'kr½ vl; cMš-dkj.kka I s I fEefyr Fk% I fn; ka ij kus fo'okl] jhfr&fjokt] vUekfo'okl] tkfr@er I s tMš ykNuA nl LokLF; dk; Zdrkz/ka ea I s, d 1/10-8 ifr'kr½ us



crk; k fd ifrj{k.k ds ykHka ds ckjs ea vi ; kZr tkudkjhdskj.k I epk; dsdfri ; oxka }kjk dMk fojkak fd; k x; kA

xHkZbrh ekrkva dk ifrj{k.k

ekun.Mka ds vuq kj] xHkZbrh ekrkva dks 12 I lrg ds vljky dsckn fVvul VkdI kbM dh nks [kjkdanh tkuh Fkh n jh [kjkd cPps ds tle ds I Hkkfor fnu I spkj I lrg igysnh tkuh gsrh gA ifrj{k.k I cakh vkadMka I sirk pyk fd xHkZbrh ekrkva 176-2 ifr'kr½ dks fVvul VkdI kbM if'k{k.k iklr gqkA 27 ifr'kr xHkZbrh ekrkva dks 16 vkj 22 I lrg ds chip igyh [kjkd iklr gplz rFkk 48 ifr'kr ekrkva us 24&28 I lrg ds chip n jh [kjkd dk Hkh ykHk mBk; kA xkeh.k ifj; kstuvka ea ifrj{k.k dk dojst I cl s vfekd ifr'kr 179-0 ifr'kr½ Fkk] ml ds ckn tutkrh; vkj 'kgjh ifj; kstuvka dk LFkku Fkk] ftl gkaus vi us chip , d ifr'kr dk ekwyh varj n'kkz; kA rFkfi] tutkrh; ifj; kstuvka ea igyh [kjkd dk fn; k tkuk] xkeh.k 126-8 ifr'kr½ vkj 'kgjh 125-3 ifr'kr½ dh rgyuk e] tutkrh; ekrkva ds chip cgrj 129-9 ifr'kr½ Fkka

cPpka dk ifrj{k.k 10&6 ekl ½

ufl & ekrkva 177-4 ifr'kr½ us crk; k fd muds cPpka dk ifrj{k.k fd; k x; kA ; g dojst xkeh.k ifj; kstuvka dh rgyuk ea 'kgjh ifj; kstuvka ea dN cgrj 179-7 ifr'kr½ Fkk] tcf d ekrkva 179-4 ifr'kr½ us vi us cPpka ds ifrj{k.k dh ckr dghA 70 ifr'kr dk I cl s de dojst tutkrh; {ks=ka ea i k; k x; kA

cPpka dk ifrj{k.k 16 ekl I s 3 o"lz

vkadMka I sirk pyrk gSfd chl h-th Vhds dk dojst I cl s vfekd 182-4 ifr'kr½ Fkk] ml ds ckn iksy; ks dh rhl jh [kjkd vkj [kl js 17nka 70-5 ifr'kr½ fMi Fkhj; k] dplj [kka h vkj fVvul dh rhl jh [kjkd 188-9 ifr'kr½ rFkk chlVj Mh-i-h-Vh- [kjkd 177-8 ifr'kr½ dk LFkku Fkka bl vk; &oxZe] I exz ifrj{k.k dojst ea cgr mRI kgtud i d fuk fn [kkbz ugha nrhA

cPpka dk ifrj{k.k 18&6 o"lz

bu cPpka dh ekrkva 154-9 ifr'kr½ us crk; k fd muds cPpka dks fVvul ds fo#) cpko gsrq Mh-Vh- chlVj iklr gqkA bl vk; &oxZe cPpka dk ifrj{k.k dojst bruk varjky okyk ugha Fkk] ftruk fd ; g rhu o"lz I s de vk; q ds cPpka ds ekeys ea i k; k x; k Fkka , d k izhr gsrk gSfd vkauokMh dk; Zdrkz/ka us i d k : i I s 3 o"lz I s de vk; q ds cPpka dk dojst I fuf'pr djus ij cy fn; kA ekrkva }kjk crk, vuq kj] xkeh.k {ks=ka ea cgrj if'k{k.k 156-7 ifr'kr½ ml ds ckn tutkrh; 152-5 ifr'kr½ vkj 'kgjh 151-5 ifr'kr½ ifj; kstuvka dk LFkku Fkka vkauokMh dk; Zdrkz/ka us I fpr fd; k fd bl vk; &oxZ ds cPps vi us Hkkb&cguka dh n[kHky djus vfkok i 'kq pj kus dk dke djrs Fk] bl fy, dost dh vi s{kr ifr'krk I fuf'pr djuk dfBu Fkka

tIle ds I e; cPpka dk otu djuk

ekuk tkrk gSfd cPps ds tIle ds I e; ml dk otu fy; k tkuk pkfg, A cPpka ds LokLF; vkj i ksk.k fLFkr dk vkdyu djus ds mIs ; I } vkauokMh dk; Zdrkz/ka }kjk ekrkva I s tIle ds I e; cPps dk otu djus ds fy, dgk x; kA ; g i k; k x; k fd I kr



ifr'kr cPpka dk tle ds le; otu 2000 xte l s de Fkka , d h fLFkfr ea ekrkvka }kjk bu cPpka dks Lruiku djkusdsfy, i k&l kfgr djusdh t: jr g& vi us cPpka dk otu djkusdsfy, ekrk&fi rk }kjk l gk; rk&i nUk u gkusdk , d dkj .k] tS kfd vka uokMh dk; Zrk&ka us crk; k] ; g v&kfo'okl gksuk Fkk fd BcPpsHkr&i r dsf'kdj gks tk, &b] Bchekj gks tk, &b] , d sgh fo'okl ipfyr FkA tutkrh; I ešdr cky fodkl ifj; kstuvka ea yxHkx rhu&pk&Fkkbz cPpka dk otu 2500 xte l s vfedk Fkka

7-1-6-5 LokLF; tkp

I ešdr cky fodkl I ok dk; Øe ds v&rxr] xHk&rh ekrkvka dh i d fir&i n&ns[kHkky] ufl & ekrkvka dh i d o&i'pkr ns[kHkky v& uotkr dh ns[kHkky rFkk N% o"lz l s de vk; q ds cPpka dh ns[kHkky gsrq LokLF; tkp ij vfedk cy fn; k tkrk g& vfedk&k 1/75-1 ifr'kr 1/2 vka uokMh dk; Zrk&ka ds vuq kj] LokLF; dk; Zrk&ka us cPpka dh LokLF; tkp vk; k&tr dh] ftl ea us=k] dku] ukd] nkr] cky o 'kjhj ds vl; ckg; v&ka dh fu;fer : i l s tkp djuk l fefyr Fkk] ftl ea Toj] us= v& d.kzjksx] pezjks&ka vkfn dsfy, nokb; ka fn; k tkuk 'kkfey Fkka 'kgjh {ks=ka ea l ok&ed ifr'kr rk 1/80-8 ifr'kr 1/2 fo|eku Fkh] ml dsckn tutkrh; ifj; kstuvka 1/72-3 ifr'kr 1/2 v& xteh.k ifj; kstuvka 1/72-3 ifr'kr 1/2 dk vojkg h Øe ea LFkku Fkka

LokLF; tkp vk; k&tr djuseaftu Js kh ds yks&ka us i&[k fgLI k fy; k] muea l s 51 ifr'kr LokLF; tkp l gk; d ul ZfeMokbQ }kjk dh xbZ rFkk 22 ifr'kr LokLF; tkp fpfdRI k vfedk&j; ka }kjk dh xb& yMh LokLF; foftVj@ih-, p-, u- ds l &ak ea ifr'kr d& 14 Fkka vka uokMh dk; Zrk&ka

u& T; knk t: jre& ekrkvka v& xjhc o gk'k; sij vk, ifjokjka ds cPpka dks doj djus ds fy,] tks vfedk&k r%?kj ij jgrs g& v& tks LokLF; tkp dh l ok v& fpfdRI k ns[kHkky l s l keku; r% o&pr Fk& gj l Hko iz; kl fd; ka l gk; d ul ZfeMokbQ LokLF; tkp dk , d cM& l kr Fkh& D; k&fd os rRdky mi y&ek Fkka fpfdRI k vfedk&j; ka v& efgyk LokLF; foftVj@ih-, p-, u- us Btk&[ke oky& cPpka ij] fo'k&k : i l s xEHk&j : i l s d& k&kr 1/2 I-IV 1/2 cPpka ij v& mu ekrkvka ij Hk& ; ku fn; k] ftUga xHk&ZFkk ds n&j ku t&Vyrk, a i&k vk jgh Fkha rFkk mudk Btk&[ke oky& ekeyka ds : i e&mi pkj fd; k x; ka

vuq akku ny d& LokLF; tkp dh ckj Eckj rk v& cPpka dh LokLF; tkp dh if& ; k ds foj .k l s l &ekr tkjh fd l h ifji=@vkn&k dk irk ugha pyka cPpka dks d& l keku; 'kkjh&fd tkp ds ckj&ea crk; k x; ka rFk&fi] xEHk&j : i l s d& k&kr cPpka rFk& i d fir dh t&Vyrk&ka oky& ekrkvka ij i k&fed LokLF; d&nz@ l epk; LokLF; d&nz ea fpfdRI k vfedk&j; ka us l ep& : i l s e; ku fn; ka l Hk& Js kh ds y&Hk&Fk& ka dsfy, Bekl ea , d ckj& LokLF; tkp dk i ky u fd; k x; k] ftudh ifr'kr rk 47 v& 61 ds chp Fkha 61 ifr'kr vka uokMh dk; Zrk&ka ds dFkuku& kj] ekl ea , d ckj 3 o"lz l s de vk; q ds cPpka dsfy, 1/56-1 ifr'kr 1/2 v& xHk&rh ekrkvka dh i d o&i n&Z tkp ds l &ak ea LokLF; tkp ij vfedk cy fn; k x; ka

7-1-6-6 i k&kgj v& LokLF; f'k&k

I Hk& vka uokMh dk; Zrk&ka us crk; k fd ml g&us i k&kgj v& LokLF; f'k&k dk vk; k&st u ; Z&k&ka v& l gk; d ul ZfeMokbQ@ih-, p-, u- dh l gk; rk



vkj I efkz I sfd; ka ; g dk; Døe vk; kstr djusdh
 ckjEckjrk ds I æak ep muea l s 69 ifr'kr uscrk; k
 fd mlgkaus ekrkvka vkj cPpka l s l Ec) fo"ka; ka ij
 ekl ea, d ckj i ksk.k vkj LokLF; f'k{kk dk vk; kstu
 fd; ka plng ifr'kr usbl dk; Dyki dk vk; kstu
 ykHkFFkz; ka }kjk 0; Dr dh xbZ t: jrka ds vuq kj
 fd; ka yxHkx l kr ifr'kr us; g dk; Dyki nksekl
 ea, d ckj vk; kstr fd; ka nl tutkrh; vkakuokM+ ka
 ea l s l kr us; g dk; Dyki , d ekl ea, d ckj
 vk; kstr fd; k] bruh gh ifr'krk ea xteh.k vkj
 'kgjh ifj; kstuvka 1/68-3 ifr'kr 1/2 }kjk ; g dk; Dyki
 vk; kstr fd; k x; ka vkadMka l s; g Hkh irk pyk fd
 vkj ru 20-94 ifr'kr ekrkvka us tutkrh;
 vkakuokM+ ka ea l fØ; : i l s Hkx fy; k] xteh.k
 vkakuokM+ ka ea 18-43 ifr'kr usvkj 'kgjh vkakuokM+ ka
 ea 18-68 ifr'kr us Hkx fy; ka bu rhu {ks-ka ea
 ekrkvka dh vkj r mi l Fkfr 18-68 ekrk, a Fkha

iksk.k vkj LokLF; f'k{kk dsfy, vi ubzxbz fofek; ka

i ksk.k vkj LokLF; f'k{kk dk; Døe dh l Qyrk]
 vkakuokM+ dk; Drikz/ka i ; Dskdhp l gk; d ul ZfeMokbOka
 vkj efgyk LokLF; fofTVjka dks l kexh inku djus
 rFkk l pkj dh rdudhka eamfpr : i l s i f'k{k.k ij
 fuHkj djrh gA vkakuokM+ dk; Drikz/ka }kjk l okZekd
 mi; kx dh tkus okyh i) fr ds : i ea Hkkrd
 ckrphr dks vi uk; k x; ka vkakuokM+ dk; Drikz/ka
 }kjk e[; : i l s xHkZrh vkj nFeki ku djkus okyh
 ekrkvka ij cy fn; k x; ka yxHkx l Hkh 1/2-1 ifr'kr 1/2
 vkakuokM+ dk; Drikz/ka us ekrkvka l s vvx&vyx
 vFkok l engka ea okrkzyki djus ds fy, , d fofek ds
 : i ea varj&os fDrd l Ei dZ vkj ppkZ dk iz kx
 fd; ka , d vl; fofek] ft l dk vl; ka dh rgyuk ea i k; %
 vfed iz kx fd; k x; k] og ueuka dk in'kz djuk]
 eKs[kd futZhdj.k ?kksy rS kj duk] ekrkvka vkj

fd'kkj yMfd; ka ds fy, 1/36-6 ifr'kr 1/2 ikuh dk
 'kq] dj.k djusdh Fkha vkakuokM+ dk; Drikz/ka 1/16-6
 ifr'kr 1/2 us i sp'k] ifrj {k.k] NkS/ s ifjokj ekun.M]
 efgyk eMyka@Lo; a l dh l engka dh Hkiedk] xEHkj
 : i l s diq kstr cPpka dh n[kHky vkfn l s tQ/ s eq ka
 ij in'kz; ka Hkh vk; kstr dhA ekrk Hkxk gR; k] ngst]
 i Ruh mRi hMue] fofHku R; kqkj ka vkfn ds l æak ea uR;
 vkj l xhr dk; Døe Hkh vk; kstr fd, x, A dQ
 vkakuokM+ dhnka ep jSyh vkj mi; Qr varjkyka ij
 Hkiedk ukVd tS s fo'kSk vFk; kuka dh vikjEifjd
 fofek; ka dk iz kx fd; k x; ka vkadMka l s i kEi fd vkj
 vikjEifjd fofek; ka ds vi; kR iz kx dk Hkh irk
 pyk gA ve; ; u ds varxZ vkakuokM+ dhnka ea' kS[kd
 vkj l pkj l keku vR; r vi; kR ik, x, A

vkakuokM+ dk; Drikz/ka usbt k[ke oky/ efgykvka
 vkj cPpka l s l Ec) eq ka ij fo'kSk e; ku fn; k rFkk
 efgykvka 1/15&45 o"Kz vkj vl; ifjokj ds l nL; ka
 dks f'k{kk inku dhA ftu ekrkvka ds cPps diq ksk.k
 vkj ik; % chekfj; ka l s i hM+ Fk mu ij fo'kSk cy
 fn; k x; ka i ksk.k vkj LokLF; f'k{kk l s ekrkvka dks
 vKkurk] #X.k LokLF; vkj diq ksk.k dh l eL; kvka ij]
 tks l kFk&l kFk fo|eku jgrh gA dkcw i kus ea l efkz
 cuk; ka

**iksk.k vkj LokLF; f'k{kk dk; Døe vk; kstr
 djus ea l eL; k, a vkj dfBuk; ka**

i ksk.k vkj LokLF; dk; Døe vk; kstr djus ds
 l æak ea, d cM+ l eL; k efgykvka ds i kl l e; kHko
 crk; k x; k] D; ka d mlga vkt hfodk dekus ds fy,
 vi usdk; ZdsLFkku ij l qg l s'kke rd jguk i M+ k
 Fkka bl ckr dk 46 ifr'kr vkakuokM+ dk; Drikz/ka us
 mYys[k fd; ka vkakuokM+ dk; Drikz 1/36-9 ifr'kr 1/2
 , d h l Fkfr ea Hkh ik, x,] tgka os l kexh@ l keku ka dh
 vuq yCekrk l s ckrkr Fkha cky fodkl ifj; kstuk
 vfedkjh }kjk mlga igys l s egg k dj, x, vFkok
 i f'k{k.k ds nS ku i kl l keku vkd"kd ugha Fkha os



LFkkuh; @{ks=h; Hkk"kkvka ea Hkh miyČek ugha FkA fQYek@LykbMk@ fly'sk dkmkavkš dBi rfy; ka@uĐdM+ ukVdka dk 'kk; n gh iz; kx fd; k x; kA i ksk.k vkš LokLF; f'k{k ean{krkvka l sjfgr vkakuokMh dk; Đrkžvka ¼18-3 ifr'kr½ us if'k{k.k dšnta ea mlga inku fd, x, if'k{k.k dh vi; kžrrkvka dk Hkh mYyŕk fd; kA

?kja dk nkš

vkakuokMh dk; Đrkžvka l s; g viŕkk dh tkrh gšfd os ekrk&fi rk dkš fo'kšk : i l s vkakuokMh ea vkus okys cPpka dh ekrkvka dks f'k{kr djus ds fy, ?kja dk nkš dk dja rkd os vi us cPpka dh cgrj nŕkHky djus ds fy, l 'kDr cu tk, avkš ekrk&fi rk dks vi us cPpka dks vkakuokMh dšnz ea Hkst us rFkk l okvka dk ykHk mBkus ds fy, i kRl kfgr vkš iŕjr Hkh dj l dA crk; k x; k fd vkakuokMh dk; Đrkžvka uš l oŕk.k l s igys ds ekl ea 41-4 ifjokja dk vkš ru nkš k fd; kA vkadMh l s i rk pyk fd ifjokja ds nkš ka dh vkš r l ŕ; k 'kgjh ifj; kst ukvka ea l okžkd ¼46-7 ifjok½ Fkh] rFkk tutkrh; ifj; kst ukvka ds vkakuokMh dk; Đrkžvka us 43-1 ifjokja dk nkš k fd; kA bu nkš ka dk l epp; , d ekl ea 42-6 ifjok FkA ?kja dk nkš dk djus dk iz; kstu i n s tkus ij] l okžkd vkakuokMh dk; Đrkžvka ¼2-2 ifr'kr½ us crk; k fd xHkžrh rFkk nŕeki ku djkus okyh ekrkvka dk 'kh?z i at hdj .k vkš nŕkHky mudh i e[k fteenkjH FkA ?kjad snš s dk , d vl; egłoi .k iz; kstu crk; k x; k fd vkakuokMh dšnta dh mi l Fkfr ea cPpka dh fu; ferrk o l e; dh i kcinh l ŕuf'pr djuk FkA yxHkx bruh gh ifr'krk ea ¼68-9 ifr'kr½ vkakuokMh dk; Đrkžvka us dŕ ks"kr cPpka dh nŕkŕk dk djus vkš chekj cPpka dks vLirky ys tkus o mudh i kškgkj l eakh t: jrkd d s i jk djuse ekrk&fi rk dh ftEenkjH dh , d cgrj Hkkouk mRi l u djus ds fy, vkakuokMh dk; Đrkžvka us ?kja dk nkš k fd; kA ?kja dk nkš k djus ds fy, edkuka dh vyx&vyx l Fkfr , d xEHkhj

l eL; k Fkh] D; kšd vkakuokMh dk; Đrkžvka ds eu ea nkš gh vk'kadk jgrh Fkh fd D; k , d s ?kja ea jgus okys ykHkFkz, kads i fjokjadk nkš k djus i j mudsekrk&fi rk miyČek glakš.

7-1-6-7 jQjy l ok, a

jQjy l ok dk mš ; l ešpr Lrj dh fpdfRl k nŕkHky miyČek djuk gA fo'kšk mi pkj dh t: jr okys l eL; kxLr cPpka vkš xHkžrh efgykvka dks vkakuokMh dk; Đrkžvka l gk; d ul ZfeMokbQ@ efgyk LokLF; foftV@ ih, p-, u- }kjk i kFkfed LokLF; dšnta@ l epk; LokLF; dšnta dks jQj fd; k tkrk gA 94 ifr'kr vkakuokMh dk; Đrkžvka us Btkš [ke dh l Fkfr okys cPpka@ ekrkvka dks bu l l Fkfvka ea jQj fd; k FkA cMh l ŕ; k ea vkakuokMh dk; Đrkžvka us ekeyka dks mu i kFkfed LokLF; dšnta dks Hkst k] tks fudre njih ij rFkk l gt miyČek FkA bl l ok l s l eškr ykHkFkz vfedkd kr% xkeh.k ¼63-5 ifr'kr½ vkš tutkrh; ¼67-1 ifr'kr½ l ešdr cky fodkl l ok ifj; kst ukvka l s l eškr FkA ykHkFkz, ka dks mi & dšnta ea Hkh ¼16-8 ifr'kr½ Hkst k x; kA ftyk vLirky ea l ŕeekvka dk ykHk eŕ; : i l s 'kgjh ifj; kst ukvka ds 37 ifr'kr vkakuokMh dk; Đrkžvka us mBk; kA vkadMh , d= djus ds nkš ku nŕk k x; k fd jkxgj [kŕkd dk i; kžr Hk. Mkj ugha j [kk x; k Fk vkš xEHkhj : i l s dŕ ks"kr cPpka ds ekeyka dk mi pkj djus ds fy, miyČek ugha dj; k x; kA cgr l s ekrk&fi rk l; ure ifjogu ykx r ogu djus dh Hkh l Fkfr ea ugha FkA jQjy l ok dh dk; Đkkyrk c<kus ea vkakuokMh dk; Đrkžvka dks i s k vkus okyh foHklu l eL; kvka ea l feefyr l okžkd egłoi wkž ekrk&fi rk }kk cPpka dks vLirky rd ys tkus dh fgpfdpkgV ¼26-3 ifr'kr½ i kFkfed LokLF; dšnta@ l epk; LokLF; dšnta dk njih ij l Fkfr gskuk ¼23-3 ifr'kr½ vkš ifjogu l ŕeek dk vHko ¼25-8 ifr'kr½ FkA



7-1-6-8 fd'kkj yMfd; ka

ueus dh I efd r cky fodkl I ok
ifj; kstuvka ea 44 ifr'kr vkauokMh dk; ZdrkZ
fd'kkj ckyfydk Ldhe 1/4d'kkj h 'kfDr ; kstuvka ds
varxh Hkh I ok dj jgsFkz ftl s1992 ea'kq fd; k
x; k FkA vkauokMh dk; ZdrkZ/kausfd'kkj yMfd; ka
dks ykz vkz Qkfyd , fl M xksy; ka inku dh &
50 fe-xte ykz vkz 0-5 fe- xte Qkfyd , fl M
okyh , d xksyA I gk; d ul Z feMokbQ vkz
vkauokMh dk; ZdrkZ bu xksy; ka ds I ou vkz
vyx&vyx yMfd; ka ds LokLF; ij buds I EHkfor
i Hkko ij utj j [krs FkA vkauokMh; ka ea i at hdr
fd'kkj yMfd; ka dkz vkauokMh dk; ZdrkZ/ka ds
vuq kj 1/30-7 ifr'kr 1/2 ij d i kskkgkj Hkh i ktr gkrk
FkA vkauokMh ds varxh inuk I okvka dk
nh?kkzbfekd i Hkko I quf'pr djus ds mfs; I s 27
ifr'kr vkauokMh dk; ZdrkZ/ka }kj k i kfjokfd
thou f'k{kk dk; Ze vkj Hk fd; k x; kA vkauokMh
dk; ZdrkZ/ka }kj k doj fd, x, fo"k; ka ea I feefyr
Fk% fookg dh mi; q r vk; q ; kbukj EHk ds nkj ku
ns[kHkky] 0; fDrxr LokLF; vkz LoPNrk] 'kh?kz
xHkzkkj.k ds [krj} ekuf d&l keftd fodkl]
thou p0 nf"Vdksk vkfnA yxHkx brusgh ifr'kr
1/22-2 ifr'kr 1/2 vkauokMh dk; ZdrkZ/ka us bl vk; q
I s tM&eq ka vkz JSB I eqka rFk ifjokj ds vanj
I ek; kstu {kerkvkadsfo"k; ea i jke'kz 1/21-4 ifr'kr 1/2
vkz LokLF; tkp ij Hkh cy fn; kA

vkauokMh dk; ZdrkZ/ka dks I gk; rk vkz I eFkZ

vk/ks vkauokMh dk; ZdrkZ/ka 1/49-6 ifr'kr 1/2 us
crk; k fd fd'kkj yMfd; ka vkauokMh dbrkadsdk; Zdyki ka
ds I pkyu ea enn djrh FkA ftu {ks=ka ea fd'kkj
yMfd; ka us vkauokMh dk; ZdrkZ/ka dks I gk; rk vkz

I eFkZ inku fd; k] muea fuEufyf[kr I feefyr Fk%
ckgjh [ksy] vk; kft r djus ds fy, cPpka dks bdok
djuk] ekrkvka dh cBd] xh xkuk] dgkuh I qkuk
vkfn rFk mi fLFkr dh fu; ferrk ds I ak ea HkA
I Hkh LFku dh ifj; kstuvka ea I gk; rk dh izdr dh
ifr'kr rk yxHkx I eku FkA vkauokMh dk; ZdrkZ/ka
ds I e{k i Lr I cl sdMh paks h I Hkh ik= cPpka dk
ifrj{k.k vkz ifrj{k.k ds fnu mudh mi fLFkr
I quf'pr djus dh FkA ifrj{k.k LFky rd I Hkh ik=
cPpka dk vkuk vkz mUga iwz-% ifrj{kr djus ds
fy, ckn dh vuorhZ dkj bkbZ I quf'pr djus ea
fd'kkj yMfd; ka jnku fl) gpa , d vl; dk; Zdyki]
ftl ds fy, fd'kkj yMfd; ka dh egloi wZ enn vkz
I eFkZ i ktr gvk] og ij d i kskkgkj rS kj vkz forfjr
djuk FkA vkauokMh dk; ZdrkZ/ka 1/32-0 ifr'kr 1/2 us
mudk mi; ks dij ks"kr cPpka dks [kkuk f[kyku] [kkus
dks cjcknh I scpkus ds fy,] [kkuk f[kykus ds nkj bu
cPpka dh ns[kHkky djus vkz crZ I kQ djus ds fy,
fd; kA buds vykok] mUgkaus xHkzrh vkz nfyki ku
djusokyh ekrkvka vkz rhu o"z I sde vk; qdscPpka
dks vi us&vi us?kj ka ea B[kkuk ?kj ys tkub ds dke ea
Hkh enn dhA vuq okku ny us ik; k fd fd'kkj
yMfd; ka I okvka dk yHk mBkus ds fy, yHk kFkz; ka dh
cgrj mi fLFkr I quf'pr djus ea I eFkZ FkA rFk bu
i gps yxka rd i gpub ds I ak ea vPNh I gk; d
fl) gpa vkauokMh dk; ZdrkZ/ka us fd'kkj yMfd; ka
I s i ktr gq I eFkZ dh otg I s vkauokMh dbrka ea
mi fLFkr vkz mudsifr #fp ea fo'kks I qkj dh ckr
Hkh crkba

7-1-7 I efd r cky fodkl I ok ds yHk vkz ifj.kke

vol j puk] I xBukRed i) fr] yHk kFkz; ka dh
: ij [kk] I ok, a inku djuk] I ello;] vfhk j.k vkz



I efd r cky fodkl I o kvka ds rhu n'kd&, d eW; ka du

v/; k; 7

I kempf; d Hkkxhnhkj ij fopkj djus ds ckn dN ijLij tM; ifjorZu'khyka dk fofuekj.k fd;k x; k gA

7-1-7-1 fi Nysvè; ; ukads I kFk rgyuk

orèku vkdyu dsfu"d"kkà dh igysfd, x, vU; jk"V" Lrjh; eW; ka du vKSo gn&Lrjh; vè; ; uka ds I kFk rgyuk djus dk iz; kl fd;k x; k gA buea I efd r cky fodkl I o k dk jk"Vh; eW; ka du 1/2 jk"Vh; tu I g; ksx vKj cky fodkl I .Fkku] 1992½ vKj I efd r cky fodkl I o k dk I eorhZ eW; ka du 1/4 u- I h, -bZvkj- 2001½

vol jipuk@miLdj@fdv

foxr 14 o"kkà ds nkj ku vkxuokMh dñnka dh bejrh I jipuk ea , d fuf'pr I ekkj ns[kus ea vk; k gA ns[kk x; k fd dPph bejrk ea fLFkr vkxuokMh dñnka dh ifr'krkj tks 1992 ea 38-7 Fkh] 2006 ea de gkdj 19-9 gks xbA nñ jh vKj] 1992 ea dpy 43 ifr'kr vkxuokMh dñnz iDdh bejrk ea fLFkr Fks tcf d 2006 ea ; g ifr'krk c<dj 75 gks xbA ; g ixfr'khy of)] fo'o cñ vKj tokj jkst xkj ; kstuk@ug: jkst xkj ; kstuk ds varxZr vkxuokMh dñnka dh iDdh bejrk ds fuekZk ds ikoèku ds dkj . k gks I drh gA vkxuokMh dñnka dh rgykvka dh vki ñrZ vKj Ldny&i wZ f'k{kk dh miyCekrk dh n"V I s Hkh I ekkj ns[kk x; k gA

fi Nys dN I e; ds nkj ku I Hkh Lrjka ij rñkr LVkQ dh ifr'krk ea of) ns[kh xbZ gS fl ok; bl dsfd I gk; dka dh rñkrh ea 1-5 ifr'kr dh deh vkbzgA tgdard I efd r cky fodkl I o k

dk; ZrkZ/ka ds if'k{k.k dk I ææk gS fi Nys o"kkà ds nkj ku , d ixfr'khy iDfÜk ns[kh xbZ gA cky fodkl ifj; kstuk vfedkj dh dsekeyse] if'k{k.ki klr vfedkfj; ka dh I d; k] tks 1992 ea 74 ifr'kr Fkh] c<dj 2006 ea 82 ifr'kr gks xbZ rFkk vkxuokMh dk; ZrkZ/ka dsekeysea 1992 dh rgyuk ea 2006 ea 18 ifr'kr I svfed dh of) ns[kusea vkbA ; g Hkh ns[kk x; k fd vkxuokMh dk; ZrkZ/ka us Äph vgrk, a i klr dj yh gA

I o k, a

ij d i kSkkkj ds varxZr] dpy feyk dj ykHkkfFkZ ka dh dojst ea dkQh of) gPZ gA gekjs ueus ds varxZr 57 ifr'kr I s vfed ik= cPps iathdr fd, x, FkS ftuea I s 75 ifr'kr I svfed I o kvka dk ykHk mBk jgs FkA efgyk ykHkkfFkZ ka ds ekeysea Hkh iDfÜk , d h gh Fkh] fdUrQ I o kvka dk ykHk mBkus okyka dh ifr'krk dkQh vfed 187 ifr'kr I svfed 1/2 FkhA U; u tle Hkj okyscPpka dh ifr'krk ea Hkh dkQh deh i kbZ xbA ; g 2500 xte I s de tle Hkj okyscPpka ds I ææk ea 1992 ea , d ifr'kr I s de gks dj 2006 ea 29 ifr'kr gks xbZ fdUrQ 2-5 fd-xte I svfed Hkj okyscPpka dh ifr'krk ea i ; klr of) gPZ 1/4 1992 ea 58-9 ifr'kr I s 2006 ea 71-0 ifr'kr 1/2 A bl ds vykok] ik; k x; k fd xEHkhj : i I sdj kS"kr cPpka dh ifr'krk ea i ; klr : i I s deh vkbzgA 0&3 o"kZ dscPpka dsekeyse] xM III-IV cPpka dk ifr'kr] tks 1992 ea 7 Fkh] de gkdj 2006 ea jg x; k] xM II dk 1992 ea 22 ifr'kr I s 2006 ea 7 jg x; k] xM I dk 1992 ea 35] 2006 ea 16 gks x; kA bl h izdkj] 3&6 o"kZ dscPpka dsekeys e] orèku vè; ; u e] xM III vKj xM IV I s dpy



I efdr cky fodkl I okvka ds rhu n'kd&, d eW; kaðu

v/; k; 7

0-8 ifr'kr dk irk pykj tcf d ijsvè; ; u 1/1992 1/2
I s 4 ifr'kr dk irk pykA fi Nys o"kkā ds nkj ku
nksuka dh ifr'krk ea ijd i kskkj ea 0; oekku ea
deh ns[kh xbz& vkxuokMh }kj k crk; k x; k 0; oekku
1/1992 ea 62-3 ifr'kr I s 2006 ea 54 ifr'kr 1/2 rFkk
0; oekku ds fnuka dh vks r I d; k 1/1992 ea 63-7
ifr'kr I s 2006 ea 25-1 ifr'kr 1/2 vk'p; Ztud gS
fd ifr vkxuokMh dhnzcpkadsdojst dh ifr'krk
ej Ldny&iwz'f'k{kk dsfy, i athdr rFkk ml ea Hkkx
yus dh I d; k ea deh vkbA

7-1-7-2 I efdy cky fodkl I ok dk eW; kaðu

buiW] vkmViW] 1/1 f0; k/2 vksj ifj.kkeka dh
nf"V I s I efdy cky fodkl I ok dk; De ds
fu"i knu dk eW; kaðu djusdk Hkh iz; kl fd; k x; k
gA buiW] ifjorZu'khyka ds fey&tyys vè; ; u ds
vud kj] dy 63 ifj; kstuk, a vR; kpe i kbz xbz 71
mÙke Fkha rFkk 16 fufof"V izaku dh nf"V I s
vl arkSk tud Fkha

*I efdy cky fodkl I ok izaku dk eW; kaðu &
buiW] ifjorZu'khy rFkk dk; De ds Qy@ifj.kkeka
dk eW; kaðu*

, d fefJr buiW] vkmViW]@vkmVde
oWj, cy Ldkj ds vkekkj ij] I Hkh 150 ifj; kstukvka
dkj I Hkh buiW] oWj, cyka ds I cak ea De 1/2
0; oLFkk n'kkz's gq] vojkg h De ea 0; ofLFkr fd; k
x; ka I exz buiW] oWj, cyka Qy ds vkekkj ij]
fefJr buiW] oWj, cyka Qy dh U; wure&vfekdre
Jd[kyk 3-1 vksj 19-3 dschp i kbz xbz bu Ldkj ds

vkekkj ij gh ifj; kstukvka dks vR; kpe 1/15 I s
vfekd vad okyh 1/2 mÙke 1/10 vksj 15 ds chp 1/2 vksj
?kV; k 1/10 I s de 1/2 ds De ea j [kk x; ka

buiW] oWj, cyka ds fefJr Ldkj I s; g Hkh
ns[kk x; k gSfd vfekdk k ifj; kstukvka dk buiW]
izaku vksj vkmViW]@vkmVde nksuka gh nf"V I s
vPNk jgk Fkka rFkfi] bl I s Li"Vr%; g Hkh irk
pyrk gS fd mÙkj h Bchek#p jkT; ka dh dW
ifj; kstukvka dk fu"i knu vPNk ugha jgk gS fd Urq
I Hkh nf{k.kh jkT; ka us I arkSk tud fu"i knu fd; k
gA

7-2 fl Qkfj'ka

orèku vè; ; u dsfofHkuu fu"d"kkā ds I cak ea
bl vè; k; eafudkys x, fu"d"kkā I s vkus okys o"kkā
ea I efdy cky fodkl I ok dk; De dks vksj I q<+
cukus dh i; klr xqt kb'k gS ft I s fd vHkh"V
ykhkFkhZ dk; De I svfekdre ykhk mBk I dA orèku
vè; ; u ds vud fu"d"kz fudys g] tks tgka rd
I efdy cky fodkl I ok dk; De ds dk; kDo; u dk
I cak gS Bi hB Fki Fki kus okyb ds : i ea gA bl ds
I kFk gh vè; ; u I s I efdr cky fodkl I ok
dk; De dh dfri; [kkfe; ka vksj dfe; ka dk irk
pyk gS ftUga i kFkfedrk ds vkekkj ij nij fd; k
tkuk pkfg, A fuEufyf[kr i j kxk Qka ej vè; ; u ds
QyLo: i mHkh dh fri; fl Qkfj'ka & I kekU; vksj
fof'k"V] nksuka rFkk dk; De dks I hëks gh i Hkfor
djusokys fu"d"kkā dk , d I ekykpukRed fo'ySk.k
fn; k x; k gA



7-2-1 fof'k"V fl Qkfj'ka

ii½ fdl h 0; fDr ds LoPN jgus ds fy,
 LoPNrk , d vfuok; L ?kVd gA
 vkauokMh dlnka ea vkus okys cPps
 ogka iR; d fnu dkQh l e; fcrkrsgA
 vkj mlgA viuh LokHkkfod t: jr
 dks ijk djus vkj vius vki dks l kQ
 o LopN j[kus ds fy, , d mÙke
 'kkjky; I foekk dh t: jr gA orëku
 vè; ; u l s dQn fplrtud fu"d"KZ
 l keus vk, & ftu vkauokMh dlnka
 dk vè; ; u fd; k x; k] muea l syxHkx
 59 ifr'kr ea dkbZ 'kkjky; I foekk
 ugha Fkh rFkk ftu 17 ifr'kr
 vkauokMh dlnka ea ; g I foekk Fkhj
 og l rksktud ugha ikbZ xbA bl
 ij rRdky è; ku nsus rFkk l Hkh
 vkauokMh dlnka ea 'kkjky; I foekk
 dh 0; oLFkk djus ds fy, Bkd : i ea
 dkj bkbZ djus dh t: jr gA

ii½ vkekkj Lrj ij LokLF; I okvka dh
 mi yCekrk l nò , d fplrk dk fo"K;
 jgk gSrFkk orëku vè; ; u usbl sfl)
 dj fn; k gA vuad vkauokMh {ks=ka e}
 eglo i wK LokLF; I okvka dh mi yCekrk
 vHkkoxLr ikbZ xbA ; g ik; k x; k fd
 dny 29 ifr'kr vkauokMh {ks=ka ea
 i kFkfed LokLF; dlnz mi yCek Fks rFkk
 43 ifr'kr vkauokMh {ks=ka eami & dlnz
 mi yCek FkA bl fy, I o-ko gSfd tgka
 rd l Hko gk vkauokMh {ks=ka ea LokLF;
 I ok, a mi yCek djkus ds fy, LokLF;
 foHkkx ds l kFk l ello; djus ds fy,
 iz kl fd; k tkuk pfg, rkfd t: jren
 vkj xjhc ykxka }jkk bu l okvka dk

vfekdre ykHk mBk; k tk l d} ftuds
 ikl bu l okvka dk ykHk mBkus ds fy,
 dkbZ fodVi ugha gA vkn' kZ l LFkr ; g
 gkxh fd mi & dlnka vkj vkauokMh dlnka
 nksuka ds fy, tul ; k dks ekin.M
 cuk; k tk, rkfd ; s nksuka dlnz
 l kFk&l kFk ixfr dj l d} ftl l s
 i kSkkgkj vkj LokLF; I okvka dh lgt
 l yHkrk l pjj gks l dA

iii½ orëku vè; ; u l s , d vkj ckr dk
 irk pyk fd yxHkx vèks vkauokMh
 dlnka e} fo'kSk : i l s 'kgjh {ks=ka e}
 ckj h vkj vln#uh dk; }dyki ka dk
 vk; kstu djus ds fy, LFkku dk vHkko
 gA bl l eL; k dk l ekkku djus dh
 t: r gS D; kfd bl dh otg l s
 vkauokMh dk; }drkZ Ldny&iwZ f'k{kk
 dk; }dyki mfpr o l kFkd <x l s
 vk; k}tr djuseavl eFkZ jgrsgA bu
 vkauokMh dlnka ea Hk.Mkj ds fy,
 vyx l s LFkku dk vHkko gA crk; k
 x; k fd cgr l s vkauokMh dlnka ea
 i dkus ds LFkku dh cMh l eL; k FkA
 l Hkh vkauokMh ka ea ckj;] vln#uh
 dk; }dyki ka ds fy, i ; k}r LFkku] i Fkd
 Hk.Mkj LFkku vkj [kkuk i dkus dk LFkku
 l fu'pr fd; k tkuk pfg, A

iv½ orëku e} yxHkx 75 ifr'kr vkauokMh
 dlnka dh i Ddh bejra g} vkauokMh
 dlnka ds fy, i Ddh bejra ds fuekZk
 ds fy,] vL; dY; k.k Ldheka ds varx
 mi yCek fufek; ka dk bLrky djus ds
 fy, Bkd iz kl fd, tkus dh t: jr
 gA



v½ D; káid Ldny&i wZdk; Zdyki ka ds vrxZr] cPpkadsekufi d] 'kkj hfjd] ckkkRed o vU; I w f) vksj fodkl ds fy, mlga fofHku fodkl kRed dk; Zdyki ka ea' krfey djus ds okLrs , d i w kZ vukS pkfjd i) fr dh t: jr gS bl fy, fofHku fØ; kfof/k; ka dk mi ; lsc djuk t: jh gS ftl ds fy, mlga ij d cukus ds okLrs fofok I kekuka dh t: jr gS Ldny&i wZ f'k{kk fdVka ds: i ea; sl keku vkakuokMh dñnka dks mi yCek dj k, tkrS gS rkd Ldny&i wZ f'k{kk dks I qj cuk; k tk I dA rFkfi] orëku vè; ; u ds vrxZr I fefyr 44 ifr'kr vkakuokMh dñnka ea Ldny&i wZ f'k{kk fdVka dk vHko i k; k x; kA ; g , d xEHkhj fpUr k dk fo" k; gA I Hkh vkakuokMh dñnka ea Ldny&i wZ f'k{kk fdVka dh mi yCekrk I fuf'pr djus ds fy, dkj bkbZ dh tkuh pkfg, A LFkkuh; I kexh dk blræky djds Ldny&i wZ f'k{kk fdV rS kj djus ds I wæk ea fo' kSk n{krk, afodfl r djus ds okLrs vkakuokMh dk; ZdrkZ/ka dks i f' k{k. k i nku fd; k tkuk Hkh t: jh gS D; káid , d k djus I s vkakuokMh Lrj ij Ldny&i wZ f'k{kk fdVka dh mi yCekrk vksj vfed I fuf'pr gkschA bl ds I kFk gh] crk; k x; k fd vfedk k vkakuokMh; ka ea [ksy I kexh i ; kZr ek=k ea mi yCek ugha Fkha bl ds fy, Hkh] LFkkuh; : i I smi yCek I kexh dk mi ; lsc djds [ksy I kexh dk fodkl djus ds fy, vkakuokMh dk; ZdrkZ/ka ds chp fo' kSk n{krk, afodfl r djus dh Hkh t: jr gS ns kt & fHku [ksy mi Ldjka ij fuHkj jgus dh i pFuk dks Hkh de I s de djus dh t: jr gS [ksy I kexh fodfl r

djus ds fy, I Lrs vksj LFkkuh; : i I s vke : i eami yCek I d kekuka dk vfedre mi; lsc fd, tkus dh t: jr gS bu I d kekuka ea I fefyr gS jS] feeh] i fUk; k] i kuh] Vgf; k] jS ds xM<S dkcZu ofrZk] c] k] MRba] fp=dkjh] dkxt dh drju] euds vkfnA rFkfi] , d k djus dk vFZ ; g ugha gS fd vkakuokMh dñn] ckg; I ksrka I s [ksy I kexh , d= djds i R; d vkakuokMh dñn ea Bf [kykuk c] p tS h i fj; kst uk dk fodkl u dja

vii½ I efdy cky fodkl I ok dk; Øe ds ij d i kSkkgkj ?kVd dks I q<+ djus ds fy,] vkakuokMh dñnka ea [kkuk i dkus vksj ijkl us ds i ; kZr crZka dh 0; oLFk djus dh t: jr gS bl ds vykok] ; g I fuf'pr djus ds fy, fd i R; d vkakuokMh dñn ea i ; kZr ek=k vksj xqokukk ds crZ] , d ckj ugha cfYd yxkrkj mi yCek gk I jdkj }kjk iz kl fd, tkus pkfg, A VW@{kfrxLr crZka ds i qHkj .k dh , d i) fr gksuh pkfg, A

viii½ orëku vè; ; u ds nSku ; g i k; k x; k fd LokLF; fofHkx ds I kFk , dhdr cky fodkl I ok dk; ZdrkZ/ka dk I ello;] {ks=@xte Lrj ij] fo' kSk : i I s tutkrh; {ks=ka ea vksj xS & I jdkjh I xBuka }kjk I pkfyr i fj; kst ukvka ds ekeys ea Hkh] dñ vi ; kZr Fkha bl ds QyLo: i vkakuokMh Lrj i LokLF; tkp vfed fu; fer ugha Fkha I Hkh Lrjka ij muds chp ?kfu" B I ello; dk; e dus ds fy, I efdur cky fodkl I ok vksj LokLF; dk; ZdrkZ/ka }kjk] fo' kSk : i I sBvk' kkp }kjk ¼ i R; kf'kr I kekt d



LokLF; dk; ZdrkZ la qpr : i l s Bkl
iz kl 'kq fd, tkusdh t: jr gSrkfd
LokLF; tkp djusdsfy, l epr ; kstuk
cukbz tk l dA

viii½ , d fuf'pr vka uokMh {ks= ea l Hkh
xHkZrh efgykva dks doj djus ds
fy, l efdri cky fodkl I ok vkj
LokLF; dk; ZdrkZ/ka }kjk , d fo'kSk
vfhk; ku vk; kS tr djusdh t: jr gS
rkfd mlga ykSj vkj Qkfyd , fl M
xkfy; ka ysus ds fy, i kRl kfgd; k
tk l dS ftlga bu efgykva }kjk
vU; Fkk ugha [kk; k tkrk gS tS k fd
orZku ve; ; u l s irk pyr k gA bu
xkfy; ka dk l ou u fd, tkus ds
dkj.k izl vfr&iw] uotkr rFkk
izl okSjkj vofek; ka ea cPpka ds LokLF;
ij fo'kky ifrfO; k, a gsrh gA

ix½ ij d i kSkkgkj dh vki firZdsfy, ftEenjk
, tSUI ; ka dks Li"V vumSk fn, tkus
pkfg, a rkfd fdl h Hkh ifjLFkfr e
i kdfrd vki nkvka vFkok vR; a [kjk
ekS e fLFkfr; ka ds dkj.k gksus okyh
ckekvka dks NkMedj] ij d i kSkkgkj dh
vki firZ ea 0; oekku u igpA orZku
ve; ; u eadgk x; k gSfd vkS ru 46-
31 fnu dk 0; oekku nS[kus ea vk; kA
0; oekku igpusdse[; dkj.kkaea ij d
i kSkkgkj dh enka dh vki firZ eanjh dk
gksuk crk; k x; kA bl ds vykok] 6-3
ifr'kr l efdri cky fodkl I ok
ifj; kstukvka ea [kjk [kk] enka dh

vki firZ crkbz xbA bl l S u dOy
dq kS"kr cPpk] xHkZrh efgykva vkS
nEeki ku djkusokyh ekrkvka ds LokLF;
ij cjk i Hkko i Mfrk gScfYd vka uokMh
dlnka ds ckjs ea l epk; dh Nfo Hkh
ifrdny : i l s i Hkfor gsrh gA bl
l nHkZ e] l ekr , tSUI ; ka dks ij d
i kSkkgkj dh fu; fer vki firZ djus ds
fy, vko'; d vumSk tkjh djus ds
vykok] ljdkj dks iR; d ekeys ea
, d s 0; oekku ds dkj.kka dh Hkh tkp
djuh pkfg, rFkk fdl h fLFkfr fo'kSk
ea vko'; d dkjZkbz Hkh 'kq djuh
pkfg, A

x½ ; g l fuf'pr djuk t: jh gSfd cPpka
dks ij d i kSkkgkj mi yCek djkus ea fyx
dh dkbZHkedk ughagkuh pkfg, A orZku
ve; ; u ea crk; k x; k gS fd yMedS
; | fi mudh iachdr l [; k de gsrh
gS yMfd; ka dh rgyuk ea vfedk ykHk
i kr djrs gA vka uokMh dk; ZdrkZ/ka
dks ; g l fuf'pr djuk pkfg, fd l Hkh
ik= yMfd; ka ij d i kSkkgkj dk ykHk
i kr dj l d] D; kAd jk"V^o dh Hkko
fLFkfr e[; r%bl ckr ij fullj djrh
gS fd yMfd; ka dk fdl izdkj LoLFk
fodkl gA

rktS idk, x, [kks ij Hkh cy fn; k
tkuk pkfg,] D; kAd bl l s ykHkFkZ; ka
dschp , d LoLFk vknr fodfl r djus
ea enn feyrh gS vkS l kFk gh bl l s
ykHkFkZ; cgrj <α l s ij d i kSkkgkj dk



ykHk mBkus ds fy, Hkh vkdf'kzr gkrs gA

xii½ ; |fi oržeku vè; ; u ds nšj ku ik; k x;k fd yxHkx 66 ifr'kr LokLF; dk; Žrkž/ka }kjk cPpka ds iwZ i frj {k.k dh fjikšZ dh xb] rFkfi ifrj {k.k dojst ea of) djus l s l Ec) iz kl ka dks l q<+fd, tkus dh t: jr gŠrkfd iwZ i frj {k.k gŠqI Hkh cPpka dks 'kkfey fd; k tk l dA bl fy,] i q%; g l qko fn; k tkrk gŠfd l Hkh cPpka dk iwZ i frj {k.k l fuf'pr djus ds fy, l ešdr cky fodkl l ok všj LokLF; dk; Žrkž/ka dh všj l s bl fn'kk ea Bkd l a q r iz kl fd, tkus dh t: jr gA ifrj {k.k dh t: jr všj egŀo ds ckjs ea l epk; dks Hkh i; kžr : i l s l osh cuk, tkus dh t: jr gŠftl l s fd i frj {k.k dh i fØ; k ea i fjokjka }kjk l g; kx u djus vFkok vuq yC/krk ds vol j l ekr gks tk, A

xiii½ vè; ; u l s irk pyk fd tle ds l e; 29 ifr'kr cPps l kell; l s de Hkkj ½2500 xte l s de½ ds i šk gq A bl fLFkr dks nš[krs gq] vkxuokMh Lrj ij ij d i kškgkj dh fu; fer vki firZ všj xHkžrh ekrkvka dh nš[kHky dsfy, všj vfed xEHkj iz kl ka dh fu% ang t: jr gA bl ds fy, fu; fer LokLF; tkp] ij d i kškgkj dh vki firZ všj xHkžrh ekrkvka ds fy, LokLF; rFk i kškgkj

f'k{kk dh t: jr gA vkxuokMh dk; Žrkž/ka dkš ekrkvka dks fcuk fd l h vojšk ds cPpka dks Lrui ku djkus ds fy, rFk Lo; adsoš fDrđ LokLF; všj vi us cPpka dh i kš.k l eakh nš[kHky djus dsfy, Hkh i kš l kgr djuk pkfg, A

xiii½ vè; ; u ds QyLo: i i rk pyk fd i kš.k všj LokLF; f'k{kk l =ka ea y{; l engka dh mi fLFkr dk Qh de Fkha vkxuokMh dk; Žrkž/ka dks iwZ l eFž inku djus rFk mŀgavi us iz kl ka dks tkjh j [kus ds fy, iwZ l eFž inku djus dh ftEenkjh cky fodkl i fj; kst uk vf/kdkfj; ka všj i; žškd ka dh gksuh pkfg, rFk mŀgavi us iz kl tkjh j [kus ds fy, i kš l kgr fd; k tkuk pkfg, ft l l sfd i kš.k všj LokLF; f'k{kk l =ka ea de mi fLFkr g r kš l kgr u gka , s ekeyka ea cky fodkl i fj; kst uk vfedkj všj i; žškd ?kja dk všj vfed nšj k djus ds fy, vkxuokMh dk; Žrkž/ka ds l kFk tk l drs gA všj efgykva dks i kš.k všj LokLF; f'k{kk l =ka ea vkus ds fy, i kš l kgr djus dh i fØ; k dk , d Hkx cu l drs gA

oržeku vè; ; u ds nšj ku , d všj ckr ; g nš[kh xbZ fd 37 ifr'kr vkxuokMh dk; Žrkž/ka us i kš.k všj LokLF; f'k{kk dsfy, l kexh@l gk; dka dh vuq yČekrk dh ckr dghA mŀgkaus crk; k fd muds i kl tks Hkh l keku mi yČek Fkš os mŀgkaus cky fodkl i fj; kst uk vfedkj; ka l s rFk vi us i f'k{k.k ds nšj ku i kš l fd,



Fks vks os fcydgy vkd"kd ugha FkA
cgr I s dlnka ep mi ycek i kSk.k vks
LokLF; f'k{kk I keku vks I kexh {ks=h;
vFkok LFKuh; Hkk"kk ea ugha FkA I qkjkRed
dkj bkbz ds fy, bu igy vka ij
xEHkhj rki wZd fopkj fd; k tkuk pkfg, A

xiv½ ; g ik; k x; k fd t: jreanka dks LokLF;
dlnka rd igppkus ds fy, e[; r%i fjogu
I foekkvka dh vuq ycek rkd s dkj .k jQjy
I ok, ain ku djusea vka uokMh dk; ZrkZ
I eL; kvka dk I keuk dj jgs FkZ D; kd
dlnznij & nij LFKkuka ij fLFkr gA crk; k
x; k fd cgr I s ifjokj ifjogu dh
ykr ogu ugha dj I drA bl I cak
ep xjhc ifjokj ka dks ifjogu I foekk, a
in ku djus ds fy, ipk; rh jkt I LFKkva
dh I gk; rk yh tk I drh gS rkd os
LokLF; I okvka dk ykHk mBk I dA ; g
Hkh I pko gS fd vks fkd; ka vks ifjogu
dh ykr ogu djus ds fy, vka uokMh
dk; ZrkZ ka dks i; klr foUkh; jk'k mi ycek
dkj bzb tk I drh gA , d k djus I sfu% Ung
jQjy I okvka dks dk Qh c<kok fey xkA

xv½ fd'kkj s yMfd; ka I ok fkd I {ke oxZ gA
tksvk'p; Z i nk dj I drk gSc'kr fkd
ml gmfpr : i I svka uokMh dk; Zykika
ea 'kkfey fd; k tk, A vka uokMh
dk; Zykika ea fd'kkj yMfd; ka dks
'kkfey o if'kf{kr djus ds fy, I ešdr
cky fodkl I ok Ldhe ea , d fo'kSk
i koekku fd; k tkuk pkfg,] D; kd muea

vka uokMh dk; ZrkZ ka dks i wkZ I eFkZ
nus dh rFkk vka uokMh dk; Zykika ds
I Hkh {ks=ka ea I gk; rk djus dh {kerk
gA

xvi½ tle ds I e; cPpka dk otu djus dh
t: jr dks vfuok; Zcuk; k tkuk pkfg,]
D; kd bl I scPps ds tle ds ckn rRdky
vi f{kr dkj bkbz djus dk ekZr; gkrk
gA orEku ve; ; u I sirk pyr gS fd
36-5 ifr'kr ekrkvka usotkr f'k'kq/ka
ds rkyus dh fji kZ ugha dhA ; g xEHkhj
fpUr dk ekeyk gA tle ds I e;
vfuok; Z: i I scPps dh rky I fuf'pr
djus ds fy, LokLF; vks I ešdr cky
fodkl I ok dk; ZrkZ ka dks vko'; d
vuqsk tkh fd, tkus pkfg, A

bl ds vykok] cPpka ds fodkl dk
ekuhVju djuk I ešdr cky fodkl
I ok dk; Zde dk , d vU; egloi wkZ
igyw gA ; | fi cM; i sekus ij ugha
fQj Hkh 11 ifr'kr vka uokMh dlnka
ea fodkl pkvka vks 4 ifr'kr
vka uokMh dlnka ea rykvka dh
vuq ycek rkd , d h ckr gS ftl ij
xEHkhj rki wZd e; ku nus dh t: jr gA
I ešdr cky fodkl I ok dk; Zde ds
vrxr ml ds {ks=kfkd kj ds vrxr
vkus okys I Hkh cPpka dk I ešpr
fodkl I fuf'pr fd; k tkuk pkfg, A

7-2-2 I keku; fl Qkfj'ka

ix½ fi Nys vuqko vks I kFk gh vuq akku
nyka }kj dh xbZ fVli f.k; ka I s Hkh i rk



pyrk gSfd tgka dgha Hkh vkauokM+; ka
 ea [kkuk i dkus vksj cPpka o xHkZrh rFkk
 nHeki ku dkjus okyh ekrkvka dks ml s
 i jkd us ea Lo; a l oh l engka dks 'kkfey
 fd; k x; k] ogka ekrkvka vksj cPpka us cM+
 mRl kgi nD i j d i kSkkgkj dk; De ea
 Hkx fy; kA D; kAd l efd r cky fodkl
 I ok dk; De dk mIs; , d tu&vkek fjr
 dk; De cuuk gS bl fy, bl s vi uh
 vksj l s Lo; a l oh l engka dks 'kkfey
 djuk pkfg,] tks l Hkor% l okZekd i Hkko h
 vksj l fO; vkek kj & Lrjh; dkj bkbZ l eng
 gA vc mi; Dr l e; gSfd u doy
 i j d i kSkkgkj ?kVd dks l e) djus ds
 fy, mudk ; ksnku ikr fd; k tkuk
 pkfg, cFYd ftu jkT; ka ea Lo; a l oh
 l engka us l efd r cky fodkl I ok
 dk; De eH fo' kSk : i l s i j d i kSkkgkj
 inku djuseH l dkkRed ; ksnku fd; k
 gS ogka vkauokM+ dlnz pykusdk nkf; Ro
 Lo; a l oh l engka dks l ka us i j Hkh fopkj
 fd; k tkuk pkfg, A

ii½ dNsd i fj; kstuk dk; ZrkZvka us crk; k
 fd vkauokM+; ka ea l kmpkf; d Hkxhkhkj
 vksj ; ksnku dh Hkkouk dk vHkko Fkka
 ykx] l efd r cky fodkl I ok dk; De
 dksek= , d l jdkjh dk; De l e> rsgA
 u fd mudk vi uk dk; DeA mudk er
 gSfd gj ckr l jdkj }kjk dh tkuh
 pkfg, A l efd r cky fodkl I ok
 dk; De ea i pk; rh jkt l l Fkkvka dks
 'kkfey djds bl Hkx dks nj djus dh

t: jr gA i pk; rh jkt l l Fkkvka dk
 l g; kx vo'; ikr fd; k tkuk pkfg,
 rkfd mi; Dr vol j pukRed l gk; rk
 o vl; l gk; rk l fuf'pr dh tk l dS
 tS s fd f[kykS us vksj [ksy l kexh]
 xksy; ka dfl Z; ka inku djuk rFkk
 vkauokM+ dk; Zdyki ka ea cPpka vksj
 ekrkvka dh mi l Fkfr dks c<kok fn; k
 tk l dA i pk; rka dks l kekftd U; k;
 ea-ky;] efgyk vksj cky fodkl ea-ky;]
 Hkkr l jdkj dh Ldheka ds dk; kD; u
 vksj cPpka ds fodkl dh n"V l svi uh
 mfpr Hkfedk fuHkkus ds fy, i pk; rh
 jkt l l Fkkvka dks 'kkfey djus ds fy,]
 dlnh;] jkT; vksj ftyk Lrjka ij
 fopkj & foe' kZ djuk pkfg, A

iii½ l kekftd {ks=d vksj l efd r cky fodkl
 I ok tS s bl ds i eQk dk; De ds fy,
 foUkh; i koekku dks l q<+ fd; k tkuk
 pkfg, rFkk vkauokM+ dk; ZrkZvka vksj
 l gk; dka dks ekus vnk dus ds fy,
 rFkk i j d i kSkkgkj dh 0; oLFkk djus ds
 fy,] i fj; kstuk Lrj ij jk'k l e; ij
 tkjh dh tkuh pkfg, A bl ds vykok
 l efd r cky fodkl I ok dk; De }kjk
 'kq fd, x, egku dk; Z dks ns[krs gq]
 [kpZ ds : i ea ugha cFYd fuoSk ds : i
 eH mPp vkZvka ij fopkj fd; k tk
 l drk gA

iv½ i; Zsk.k dk dk; Z i jkus vksj fujhsk.k
 tS s i kFked <x l s ugha fy; k tkuk



pkfg, cfYd i ; b{kh dks l gk; rk vksj
 ekxh'klu ds : i eafd; k tkuk pkfg, A
 nyka ea Hkkxhnhkjhi wkZ i ; b{k.k.] ftl ea
 Bdk; D&vuoqhyP vksj Btu&vuoqhyP
 l nL; rFkk , d syks l fefyr gh ftuds
 i kl vi s{kr l e; vksj fofHklu i) fr; ka
 o l .Fkkuka ea n{krk, a gk] l efdri cky
 fodkl l ok dk; D& ea i kj tk fd; k tkuk
 pkfg, A mlga l efdri cky fodkl l ok
 dk; D& ds iz kl ka vksj bl dh l eL; kvka
 ij utj j [kusdsfy, 'kkfey fd; k tk
 l drk gA bl izkj ds i ; b{k.k. l }
 or&ku rFkk Hkkoh i hf<+ ka ds cPpka dks
 cgrj l ok, ainu djusdsfy, l efdri
 cky fodkl l ok dk; D& r s kj djusea
 enn fey l drh gA

v½ D; kfd , d cg&{s=dh; iz, kl] fo'kSk
 : i l sekr' n s[kj s[k vksj cky fodkl
 dh n f"V l } fodfl r djus ds {ks= ea
 us/ofdz vksj tkudkj rFkk Kku
 Hkkxhnhkjhi vR; r egloi wkZ g s bl fy,
 i pk; rh jkt l .Fkkvka dk l g; ksx i klr
 djus ds iz, kl ka ds l keu gh] ftyk
 vksj Cykkl Lrj ij vfedkfj; ka ds l kFk]
 ftyk ifj"kn- vksj uxi kfydkvka t s s
 LFkkuh; fudk; ka l fgr] l koekkuh ds
 l kFk Hkkxhnhkjhi dks c<kuuk Hkh l eku : i
 l segloi wkZ gA bl dk] dghacgrj <x
 l s l efdri cky fodkl l ok dk; D&
 dks l e>us vksj l gk; rk inku djus ds
 fy, l epk; ij 0; ki d i Hkko i M&ka
 bl l } vL; l .F&kr l jdkjh foHkkxka l s
 l gk; rk vksj l g; ksx i klr djus dh

i f0; k Hkh l qj gksxhA bl i f0; k dks
 dk; Z i nus ds fy, ftyk rFkk Cykd
 Lrjh; vfedkfj; ka dk s l efdri cky
 fodkl l ok dk; D& vksj ml s
 l Qyrki w d dk; kZlor djusea mudh
 Hkfedk dsckj sea voxr djuk egloi wkZ
 gA bl dk; Z l s l okvka vksj dk; D&ka
 ds l ello; u vksj dl ot t dh xfr rst
 gksxh vksj dk; Z drkz/ka ds chp cgrj
 l e>cu> Hkh l quf'pr gksxhA

v½ l efdri cky fodkl l ok dk; D& dks
 xte vksj Cykkl Lrjka ij ykdfiz, cukus
 dh t: jr g s rkfd T; knk t: jren
 yksx dk; D& l s ykHk i klr djus ea
 l eFkZ gks l dA bl l s mlga vL; fodkl
 dk; D&ka l s Hkh ykHk i klr dus ea enn
 feysxhA bl dsfy, fo'kSk vfhk; ku 'kq
 dus dh t: jr gksxh] t s k fd foxr ea
 efgykvka vksj cPpka l s tM/eqka ij tu
 pruk tkxr djus ds fy, jkT;] ftyk
 vksj Cykkl Lrjh; vfedkfj; ka vksj l kFk
 gh p qh ghZ efgyk i frufek; ka dks Hkh
 'kkfey djdsdfr i ; l efdri cky fodkl
 l ok ifj; kstukvka ea fd; k x; k Fkka
 bl l s l kepkf; d ; ksxnku] l g; ksx vksj
 l gk; rk Hkh i klr gksxhA bl i jh i f0; k
 ea vfuok; Z-% efgyk e. Myk] Lo; a l oh
 l xBuka ; ok Dyck] ; orh eMyk] ekkeZ
 uskvka rFkk fl foy l kl k; Vh l xBuka
 ds vL; dk; Z drkz/ka dks 'kkfey fd; k
 tk, xkA bl l } bu ykska ds l engka dks



cPpka dh] vksj fo'ksk : i l sekrkvka dh
t+ jrka ij fo'ksk è; ku nsus ea rFkk
ifjokjka ea ikjEifjd : i l s ikyu dh
tkusokyh i Fkkvkaeafol eku vuko'; d
o HknHkko i wkZ rUoka l s fui Vus ea enn
feysxA bl i dzkj] vka uokMh dlnka dks
dk; Zdyki ka ds , d begUoi wkZ dlnh ds
: i eafodfl r gksuk gksck rFkk , d , d k
LFkku cuuk gksck] tgka ekrk vksj cPps
vius Okyrw l e; ea bdèk gks l dh
vius 'kkSd ijk dj l dh jpuKRed
i frHkkvka dk fodkl dj l da vksj vius
vki dks foHkku n{krkvka l sl fttr dj
l da

vii½ mu vka uokMh {ks=ka ea tgka cPpka dh
mi fLFkr vi {kkdr de gS f'k' kqcg vksj
fnok n{kkky dlnz LFkkr djus dh
t: jr gS tksvka uokMh dlnka l sl Eclèk
gka bl l sl Hkh cPpka dks fodkl dsfy,
vol jka ea c<krjh gksxA fo'ksk : i l s
yMfd; ka dks viuh #fp; ka i jh djus dh
NW gksxA dgy vksj rfeyukMq jkT; ka
dh rjg vka uokMh dlnka ds l e; ea
of) fd, tkus dh t: jr gA budk
dk; Z l e; l qg 9-30 cts l sl k; a3-30
cts rd fd; k tk l drk gA bl l s
vka uokMh dk; Zdrkvka }kjk l Hkh
dk; Zdyki ka ij i; kZr è; ku nsus vksj
i; Zs{kka }kjk i Hkkoh : i l si; Zs{k.k o
ekxh'kZu Hkh l fuf'pr gksxA ekrk, aHkh
vkjke egl w djxs rFkk viuh Hkfedk
vksj ftEenkfj; ka dks ijk djus ds fy,
muds ikl i; kZr l e; gks l drk gA

;fn inku dh tkus okyh l okvka ea
xqkkRed l qkj ykuk gS rks c<k, x,
l e; dk mi; q r : i l s mi; kx
l fuf'pr djus ds fy, vka uokMh dlnka
dks mi l djka l kekuka vksj [ksy l kexh
dh t: r gksxA vU; Fkk] ek= l e; c<kus
dk dkbZ mi; kx ughagksxA i" B l eFkZu
vR; r egUoi wkZ gA

viii½ tgka rd ijd i kskkgkj dk l èak gS
l for dh tkus okyh enka ea fofèkrk
ykuk rFkk l qkj xqkoUkk vko'; d gA
ekrkvka vksj vka uokMh dk; ZdrkZ/ka dks
LFkkuh; l kexh rS kj djus ea n{krk
i f'k{k.k inku fd, tkus dh t: jr gA
rktk idk gqk [kkuk inku djus ds
fy, bl s i kZ l kfg r fd; k tkuk pkfg, A
l qko gS fd ijd i kskkgkj rS kj djus
vksj ijk us ea de l s de nks ekrkvka
dkS ckjh&ckjh l s vfuok; Z : i l s
vka uokMh dk; ZdrkZ/ka vksj l gk; dka dh
enn djuh pkfg, A vka uokMh dk; ZdrkZ/ka
dks vka uokMh dlnka ea mi; kskfZk rFkk
vka uokMh ds varXr doj gq ifjokjka
ea Hkh mi; kx gS q oS fDr d LoPNrkj
i; kZj .kh; l OkbZ vk; kMhu; q r ued
ds ijh{k.k] l jf{kr is ty vkfn ds
fo" k; ea mi; q r fdV l kexh inku dh
tkuh pkfg, A

ix½ i wZ efgyk vksj cky fodkl foHkkxj
Hkkjr l jdkj usdkQh l e; igyS Bcky
fodkl ifj; kst uk vfedkjhb dsdk; kZy;
dks, d Bl a keku dlnh ds: i eafodfl r



djus dk I qko nrs gq , d ifji =
tkjh fd; k FkA fdUrqbu ekxZunZ kka ij
jkt; I jdkjka ds ukMy foHkxka ftyk
I efd r cky fodkl I ok izlksBka vksj
cky fodkl ifj; kstuk vfeKdfj; ka us
I epr : i I se; ku vksj I gk; rk ugha
nha ; g okNuh; gksk ; fn iR; d I efd r
cky fodkl I ok ifj; kstuk] ekrkva
vksj fd'kksj yMfd; ka dks ijke'kz vksj
I gk; rk I ok, ain ku djrsgg] vka uokMh
dk; ZrkZka ds fy, n{krk if'k{k.k
vk; kstr djdsrFkk efgykva vksj cPpka
I s I Ec) foHkku eqka ij tkx: drk
i shk djds I puk ds i d kj dsfy,] , d
I d keku dlnz dk fodkl djA ; gk
ifj; kstuk Lrj ij vk; kstr
vfhk; kuka in'kzu; ka esyk j sy; ka ds
I ak eaMkVk Hkh j [kk tk I drk gSrFkk
, s I ekjg vk; kstr djus ds fy,
I kexh vksj I kekuka dk i; klr Hk. Mkj Hkh
j [kk tk I drk gA vU; foHkxka dh
Ldheka vksj dk; Deka dh tkudkj i ltr
djds bl I d keku dlnz ea I epk; ds
chp i d kfjr dh tk I drh gSrkd bu
Ldheka vksj dk; Deka dk ykHk mBk; k tk
I dA vfhku; ka ukVd] xhrka ppla/ka ds
tfj, 'k{k kd dk; De fodfl r djus
rFkk if'k{k.k I kexh fodfl r djus dh
i f0; k eaHkh fd'kksj yMfd; ka dks 'kfey
fd, tkus dh t: jr gA fof'k"V fo"ka; ka
ds I ak ea fd'kksj yMfd; ka ds fy,]
ifj; kstuk dk; ZrkZka vksj foHkku

if'k{k.k dk; De vk; kstr djus okys
dkfeZka ds I kFk ijke'kz djds ueus ds
if'k{k.k ekM; ny Hkh rS kj fd, tk I drs
gA I keftd dk; Z Ldny] xg foKku
dkWst] f'k{k kd if'k{k.k I LFkku] foLrkj
if'k{k.k ekM; ny fodfl r djus vksj
if'k{k.k dk; De vk; kstr djus ea
fo'kSkKrk ds vius&vius {k=ka ea
0; kol kf; d I gk; rk inku dj I drs
gA

x½ I efd r cky fodkl dk; De esj
vka uokMh dlnzka ds fuekZk dk mis ;
, d , s h I foekk mi ycek djuk gS tks
vka uokMh dk; ZrkZka ds fy, , d vkekj
ds: i eadk; ZdjrsrFkk vksj Hkh vfed
egUoi wZ ckr ; g gS fd ; g I efd r
cky fodkl I ok dk; De vksj I Ec)
foHkxka ds dk; Zyki ka ds fy, , d
dlnz&fclnqdk dke djA I nk bl ckr
ij cy fn; k x; k gS fd tgka rd
I EHko gks vka uokMh dlnz dk fuekZk
I epk; dh Hkxhkhkj I s fd; k tk,]
LFkkuh; I kexh vksj ns kt fuekZk
rdudhka dk mi ; kx djrs gq I Lrh
ykxr ds fMtkbu okyk gka bl ds
vykok] ; g I epk; @xte ipk; r@
'kgjh LFkkuh; fudk; ka dh feYd; r gks
vksj mUgha ds }kj k bl dk j [k&j [kko
fd; k tk, A bl izdkj ds dlnz I s ; g
Hkh vi {kk dh tkrh gS fd ; g foHkku
efgyk dk; Deka I s I Ec) vU;



dk; ðyki ka dk vk; kstu djð ; ðk
 xfrfofek; ka dsfy, , d ep inku djA
 bl dk iæð'k dk; Z drkð/ka dh cBdka
 vkð ekrvka o cPpka ds bdëk gkaus ds
 fy, mi ; kx fd; k tk l dA ; g l foëkk
 inku djus ds fy, jkT; I jdkjka ds
 l g; kx l sxteh.k fodkl vkð ipk; rh
 jkt eæky; iæð'k Hkðiedk fuHkk l drk
 gA xte fodkl ds {k= ea dk; j r
 LoSPNd l æBu Hkh l epk; dks tð/kus
 ea mRi j d dk dke dj l drs gA
 l kekftd dk; Z vuð ækku dðnz
 ½rykfu; k½ dk vuðko fjokMh ftys
 ½gfj ; k. k½ ea [kkj h xkð ea l Lrh ykx
 okyk ipk; r ?kj dk Hkh vuðko] ft l s
 LFkkuh; nLrkdjka }kj k i kð eghus l s
 de vofek ea vkð ykd fuekZk foHkkx
 }kj k vuðfur ykx ds , d&frgkbz
 ij fufeZ fd; k x; k Fkk vR; r enn xkj
 l kfer gks l drk gA vkæuokMh dðnz
 ds fMtkbu vkð l kFk gh fuekZk ea Hkh
 xteokfl ; ka us l fØ; : i l s Hkkx fy; k
 vkð LFkkuh; l kexh dk mi ; kx fd; k
 x; kA

xii½ ipk; r jkt i) fr dks l ði<+djus ds
 fy, l foëkku ds 73oa l ðkkëku ds rgr]
 ipkyu gkaus ij] ftEenkfj; ka vkð
 l ð kekuka ds varj.k ds ckn] l ðkvka ds
 dðtð vkð , dh dj.k dh dk; Z hfr
 l eðdr cky fodkl l ðk dk; Z ðe ea
 vR; r i Hkko'kkyh fl) gðz gA bl
 dðtð dksrst xfr l svkxsc<k, tkus
 dh t: r gSrkfd fodkl ykHk vHkh"V

yf{kr oxkã rd l kFkð <æ l s igp
 l dA bl iz kstukFkð efgyk vkð cky
 fodkl eæky;] Hkkjr l jdkj }kj k u
 døy dðnh; vkð jkT; Lrjka ij cFYd
 ftyk vkð Cykð Lrjka ij Hkh] ik; %
 cBd cgyk, tkus dh t: jr gSrkfd
 dk; kðo; u ræ foHkku dk; Z ðeka ds ykHkka
 dks l fØ; : i l sykxka ds njoktsrd
 igpkus ea l eFkZ gks l dA tc rd
 Hkkjr l jdkj l Hkh Lrjka ij dðtð
 dks okLrfod : i inku djus ea #fp
 ugha ysch rc rd ; g efgykvka vkð
 cPpka dks l 'kDr cukus ea vèkj k jgækA

xiii½ I eðdr cky fodkl l ðk dk; Z ðe dks
 i wZ: i l su; k : i nus dh t: jr gS
 rkfd bl ea Hkkxh nkj hi wZ izaku ds rðo
 dks yk; k tk l dA fojeku flFkr ij
 i frfØ; k 0; Dr djuð ml dk fo'ySk.k
 djuð l Hkkfor fodYi ka ds cky ea l kpuð
 mi ; ðr mfpr dkj ðkbz dh ; kst uk rð kj
 djus rFkk vkð Hkh vfekd egðoi wZ ckr]
 ifjorðu dh t: jr vkð rRdkfydrk
 dks l e>us ds fy,] ifj; kst uk Lrjh;
 dk; Z drkð/ka dks i kRl kfr fd, tkus dh
 t: jr gA ; g l Hkh l kekfd fopkj èkkj k
 ds Bkd fu.kz fuekZk vkð fo'okl i ðk
 djus ds fy, ftEenkfj; ka l kã us rFkk
 l eðdr cky fodkl l ðk dk; Z ðe dh
 l ðkvka ds i Hkkoh mi ; kx ds ifr
 fg l ðkj hi wZ opuc) rk dk setar djus
 dh Bkd ifdYi uk ds vkekj ij fd; k
 tk l drk gA dk; Z ðe ds fu; fer vkekj
 ij dk; kðo; u l s l æfækr foHkku eðka



ij I ešdr cky fodkl I ok dk; žrkvka
dschp fopkjka vksj erkadsvknku& inku
ds fy, [kysi u vksj vktknh dh , d
vllrfužer i) fr fodfl r dh tkuh
pkfg, A bl s l Hkh Lrjka ij djus dh
t: jr gA

xiii½ xHkžbrh vksj nřeki ku djkusokyh ekrkvka
vksj I kFk gh fd'kšj yMfd; kađksLokLF;
nš[kHkky I ok, a inku djus ea I ešdr
cky fodkl I ok ifj; kstuk {ks=ka ea
mi & dšnkadk I q<hdj.k , d egłoi wZ
Hkředk fuHkk, xkA bl fy,] Bvk'kkp
if'kf(kr tle ifjpkj nkb; ka tš s l Hkh
xte Lrjh; LošPNd LokLF; dk; žrkvka
dks ml ds ekrgr j [kk tkuk pkfg, A
bl I š emy vksšfek; kš Vhdkš vksmi Ldjka
dh ipj vki řrZHkh I pđj gkschA tc rd
fd I ok, a inku djus dsfy, ikFkfed
LokLF; dšnkas@'kgjh LokLF;
dšnkaxteh.k rFkk tutkrh; mi & dšnk
ea ijh {kerk ds l kFk vko'; d urRo dh
0; oLFkk ugha gksrh] rc rd ifj; kstuk
{ks=ka ea LokLF; I ok, a inku fd; k tkuk
i Hkkfor jgšxkA MKDVjkš efgyk LokLF;
foftVj@ ih, p-, u- vksj I gk; d ul Z
feMokbQ dschp I Ei wZ ifj; kstuk {ks=ka
dh ftEenkfj; ka dks ckš/uk] I Pph Hkkrouk
I š LokLF; I jpkuk ds l pk# dk; žj.k
dsfy, egłoi wZ gA

xiv½ jksxgj i kškkgj dh vki řrZ ds fy,
ifj; kstuk vksj ftyk Lrjka ij fo'kš

è; ku fn, tkus dh t: jr gA xM III
vksj IV dš kš.k okys cPpka dks fo'kš
[kkuk fn; k tkrk gš ft l šbjksxgj i kškkgj
dgk tkrk gš tks vekšBkd : i ea gksuk
pkfg, vks ml s cPps }kj k vki kuh I s
ipk; k tk I dš , d s cPpka dks pkj
[kj kdka dh t: jr gksrh gš ftueal snks
[kj kd vka uokMš ea vksj nks ?kj nh tk
I drh gA , d s cPpka ds l šak ea fo'kš
nš[kHkky dsegło vksj ?kj & ?kj I ešpr
[kkus dh t: jr ds ckjs ea ekrk dks
mfpr : i I scrk; k tkuk pkfg, A jksxgj
[kk] fodfl r djus ds fy, LFkkuh;
: i I smi yček [kk] I kexh dk mi ; kš
fd; k tk I drk gA ; g vukt & nky
feJ.k gks l drk gš ft l svkš'kd : i I s
igys idk; k] Hkkuk] i kmMj cuk; k tk
I drk gš vksj I hycm MCcka ea Hk. Mkřjr
fd; k tk I drk gA ijkd us ds I e;]
bl suje yřnh ea & bl ea LopN i kuh
feykdj & cnyk tk I drk gA bl ds
dšy kšh eW; dks c<kus dsfy, xM+ vksj
FkkMš I k řy Hkh feyk; k tk I drk gA
foxr o"kkš ea i pšyr dh řjg fd l h Hkh
ckM okys nškk dks vLi rky ea nkf [ky
cPpka dks fn; k tk I drk gA dš
vka uokMš kaeajksxgj [kk] ds vHkko eš
; g ik; k x; k fd vka uokMš dk; žrkv
dš kš"kr cPpka dks nřuh ek=k ea i j d
[kk] nsjgs Fkš bl i Fkk dks grkš l křgr
fd; k tkuk pkfg,] D; kšid cPps dks dšy
[kk] dh ek=k gh t: jh ugha gš cfYd
Nks/s dš kš"kr cPpka ds fy, ml dh



mi ; Đrrk Hkh vfekd egđoi wkZgđ buds
vykok] Btkš [ke dsvekhup I Hkh cPpkads
fy, fpfdRI h; ns[kHkky ij] muds
i kškgkj vLrxž.k dh nřV I } fo'kš
è; ku fn, tkus dh t: jr gđ

xv½ Hkjr ds vi æ 0; fDr vfeķu; e ds vřxř
ckY; kolFkk vi ærk dk 'kh?kz irk yxkus
vkš tYn gLr {kš .kh; I okvka dh 0; oLFkk
djuk vfuok; Zgđ I ešdr cky fodkl
I ok ifj; kstukvka ds rgr fd, x, dñ
vè; ; uka I s cPpka ds chip fodkl kRed
njh dh fo | ekurk dk irk pyka fu"d"ka
ds QyLo: i] dšy ea ubZ fo'o
cđ&I efkř I ešdr cky fodkl
I ok&III ifj; kstukvka e] vkauokMh&
vkekkřr fodkl kRed tkp&iMřky rFkk
nks o"lz dh vk; q rd ds cPpka ds fy,
mi pkj dk; Đeka dks 'kkfey fd; k x; kA
I qko gšfd mu {ks=kae} tgka5 I sde
dh #X.krk , d Lohdk; ZLrj rd de gks
xbZ gš vxyh rkrđkyd i kFkfedrk
#X.krk ižeku dk; Žhřr; ka vi ukus dh
gksuh pkfg,] ftI eavi æ 0; fDr vfeķu; e
ea; Fkki fjdfYir vi ærk dk 'kh?kz irk
yxkuk vkš tYn mik; djuk 'kkfey
gđ

xvi½ oržeku vè; ; u I s; g rF; I keus vk; k
gšfd I ešdr cky fodkl I ok dk; Đe
ds vřxř 3&6 o"lz ds vk; qoxZ ea 'kh?kz
ij.k vkš ns[kHkky dsfy, dfri; {ks=ka

ea vkauokMh dk; ŽrřZka ds n {krk fodkl
if'k{k.k dh t: jr gš ftI dk bl
vkdyu ea Lđny&i đZf'k{k dk; Žyki ka
ds i Hkkoh vk; kstu ea detkj {ks=ka ds
: i ea fofuekkř .k fd; k x; k FkkA bu
{ks=kae} n {krk vkekkřr dk; Đe vk; kstu
I fefyr gđ I ešdr cky fodkl I ok
dk; ŽrřZ vkauokMh dšnka ea vi f {kr
vfuok; Z [ky mi Ldj dh 0; oLFkk djus
ds fy, i pk; rka I s vujkđ dj I drs
gđ oržeku vè; ; u I s vuđ vfuok; Z
enka ds vHko dk irk pyr k gš tks
Lđny&i đZf'k{k dsfy, , d I eFkřudkj h
i fjoš k dks i křI křgr djus dsfy, fdI h
vkauokMh dšnz ds fy, vko'; d gđ
bu enka ea I fefyr gđ f [kykš] ftul s
jakk vdkj vkš Lo: i vkfn dk irk
pyrk gš jpukRed fodkl ds fy,
i gšy; kř f [kykš vřk [ky] ftudsfy,
ifj"dr I pyu vko'; d gš okLřod
vřk f [kykš I æhr ok |] , đ sf [kykš
ftul s i 'kř/kř i f {k; ka vkfn ds ukeka dk
irk pyr gđ Lđny&i đZf'k{k dk; Žyki
dks, d i Hkkoh ?kVd cukus d mřs; I }
I Hkh vkauokMh dšnka ea Lđny&i đZ
fdVka@mi Ldjka dh fo | ekurk vfuok; Z
cuk; k tkuk t: jh gđ

xviii½ xHkžrh efgyk vka dh I [; k dšy vkcknh
dh yxHkx 3 ifr'kr gđ bl fy,] , d
gtkj vřk bruh gh vkcknh okysfdI h
xkđ ea yxHkx 30 xHkžrh efgyk, aglakř
ftlga i kFkfedrk inku fd, tkus dh



t: jr gsrkfd i ksk.k vksj LokLF; f'k{kk} ijke'kz vksj ijd [kk | tS h I ok, a inku dh tk I dA ; g ekuk tkuk rF; gS fd xHkzbrh efgyk, a xHkzbrhLFkk] cky tle vksj uotkr dh eR; q ds tks [keka dh tkudkj vksj Hk; Hkhr jgrh gS vksj bl fy, I gff{kr i d o] uotkr dh ns[kj]k vksj cPpka ea varj I cakh fodYi ka dks Lohdkj djus ds fy, rS kj jgrh gA xHkzbrh efgyk, avi us'kkj hfjd i f jorZka I s tkuh tkrh gS ftuls i ksk.k vksj LokLF; f'k{kk o vU; I okvka ds fy, mudh igpku djuk I plj gsrk gA bl ckr dks dkbz ugha udkj I drk fd xHkzbrhLFkk ds nksj ku efgykvka rd igpus dk eglo vfedkfedk I e>k tkus yxk gS vksj ekr LokLF;] tle Hkkj] tle ifj.kke vksj uotkr dk LokLF; I qkkjus ds fy, egloi wZ gsrFkk efgykvka }kjk vius f'k'kq/ka ds i Fke o"Kz ds nksj ku inku dh tkus okyh ns[kHkky dh i dfr I qkkjus ea i Hkkoh fl) gPZ gA bl fy,] I efdri cky fodkl I ok dk; De ds varxh LokLF; I cakh eqka ds fo"K; ea ijke'kz vksj tkudkj dh i kFk rFkk ijd [kk | dk ykHk mBkus ds fy, mlga i jr djus ds fy, Hkh] I Hkh xHkzbrh efgykvka ds i kFk I Ei dZLFkfi r djus ds i okPp i kFkfedrk nh tkuh pkfg, ftl I s fd dQ ksk.k vksj ekr dks jkdk tk I dA I Hkh xHkzbrh efgykvka dk i rk yxkus vksj mul s I Ei dZLFkfi r djus I s u dny efgykvka ds LokLF; ea I qkkj

gksck cFYd f'k'kq vksj LokLF; ns[kj]k Hkh i Hkkfor gkschA

xviii/2 o"Kz I s de vk; q ds cPpka dk vkcknh ea i fr'kr yxHkx 5 gA bl fy, 1000 yxkska dh vkcknh ea 2 o"Kz I s de ds yxHkx 50 cPps gkacs vksj bruh gh 2 o"Kz I s de ds cPpka dh ekrk, agkchA D; kfd , d I Hkkouk gSfd 2 o"Kz I s de vk; q ds cPpka okyh dny efgyk, a xHkzbrh gka vFkok mudk dkbz 2 o"Kz I s de dk nh jk cPpk gka , d h fLFkfr e] fd I h xka ea y{; I e] ea efgykvka dh dny I ; k 60 vFkok vfedk gkschA bl I s i rk pyrk gSfd i R; d xka ea vu pr hZ nksj ka ds fy, yxHkx 60 i kFkfedrk okys i f jokj gka bu efgykvka dks u dny cPps dks f[ky kus dseglo ds ckj sea cFYd ; g Hkh crkuk gksck fd fdl i d kj f[kyk; k tk, vksj cPps dh ns[kHkky dS s dh tk, A bl dk cPps ds LokLF; vksj i ksk.k fLFkfr ij vfedk i Hkko i Mxka 2 o"Kz I s de ds cPpka dk vPNk LokLF; vksj i kskgkj I quf'pr djus ds , d I keku ds : i ea LokLF; f'k{kk vksj ijke'kz ds I kFk mudh ekrkvka ds I kFk I Ei dZ djus dks i okPp i kFkfedrk nh tkuh pkfg, A bl ds vfrfjDr] n]eki ku djus okyh ekrkvka dh fo'kSk vko' ; drkvka ij fo'kSk : i I s e; ku fn; k tkuk pkfg, A jk'ku ?kj ys tkus vksj 6 ekl dh vk; q ds ckn Lruiku ds ijd ds : i ea [kk | rS kj djus ds I cak ea ekxh'kZu inku djuk , d Lokxr; kx; dne gS vksj bl sl efdri cky fodkl I ok dk; De ea 'kkfey



fd, tkus dh t: jr gA LokLF; y{;
iklr djusvks dojst eal qkj djus ij
cy fn, tkus dh t: jr gA bl l nHkZea
dfri; ikkFfedrkiwkZ {ks=ka ij i; kZr
cy nus dh t: jr gS ftuea dojst ea
of) djuk] xHkZrh efgykvka vks 2 o"lz
l sde vk; qdscPpka dh ekrvka dsfy,
LokLF; fnol vuqkyu djuk os fDrd
ijke'kz ij cy nus vks l kepkf; d
LokLF; dk; ZrkZ/ka dh l q; k vks fdle
ij cy nus 'kkfey gA

xix½ bl l e; ekuhVfjæ izkkyh dlnz
vkekffjr fjdkMZ dks ns kus ij vk/kkfjr
gA ; g vkerks ij l kQ gkrk gS ijarq
; g vko'; d ugha gS fd iwkZ vks
0; ofLFkr gka vks ik= tul q; k ; k
inku dh xbz l ok dh xqkoUkk ds dojst
dk dkbZ l dr ugha nsrka bl l æak ea
l qko fn; k tkrk gS fd gj ckj QhYM
vfekdkjh ; k ij; kst uk vf/kdkjh QhYM
ea tk, A ifjokja dk p; u ; knfPNd
: i l sfd; k tkuk pkfg, %dlnz vkekffjr
jftLVj l s0; fDr pous ds ctk, fdl h
?kj ij tkdj½ vks dN izu iNs tkus
pkfg, A muds izuka ep ifjokja ea cPpka
ds LokLF; dh fLFkr] jks dh jkdFkke
djus vks bykt dju\$ Li \$ l æ i }fr; ka
vkfn ds ckjs ea izu 'kkfey gA bl
if0; k dk bLræky] vkmVjhp vks
dk; De ds dojst dsekuhVj dsfy,
vks bl ckjseafd ml dsdk; &fu"i knu
ea ds sl qkj fd; k tk l drk gS l kfk
tkus okys vka uokMh dk; Zrkvka dks
bui/ inku djus ds fy,] fd; k tk
l drk gA

xx½ fQygky] ekuhVju i) fr
dlnz vkekffjr vfHkys kka dh tkp djus
ij vkekffjr gA ; sl keku; r% l kQ gkrk
gS fdUrq vko'; d ugha fd iwkZ vks
0; ofLFkr gka rFkk mul sik= ykska ds
dojst vks inku dh xbz l okvka dh
xqkoUkk dk irk ugha pyrka gA bl
l æak ea l qko gS fd tc Hkh {ks=
vfekdkjh vFkok ij; kst uk vfekdkjh {ks=
ea tk, q rks ifjokja dk p; u
crjrhc&okj fd; k tk, %fdl h Hkh ?kj
ea tkdj] u fd dlnz vkekffjr jftLVj
l s0; fDr; ka dks poudj½ vks dN izu
iNs tk, A mudh iNrkn ep ifjok ea
cPpka dh LokLF; fLFkr dsckjsea izu]
chekjh dks jkdus vks mipkj djus ds
fy, dh xbz dkj bkb] varjky i) fr; ka
dk mi ; ks vkfn dsckjsea izu 'kkfey
fd, tkus pkfg, A bl if0; k dk iz ks
dk; De dh vkmVjhp vks dojst dk
ekuhVju djus vks l kfk tkus okys
vka uokMh dk; ZrkZ dks fufof"V inku
djus dh nf"V l sfd; k tk l drk gS
fd fu"i knu l qkjus dsfy, D; k fd; k
tk, A

xxi½ ; |fi vfekdkk ij; kst uk dk; ZrkZ/ka
}kj k LokLF; dk; ZrkZ/ka ds l kfk l ello;
l rksktud crk; k x; ka rFkfi] jQjy
l okvka LokLF; tkp] xg nks karFkk i ksk.k
vks LokLF; f'k{kk ea l gk; d ul Z
feMokbQ@ih-, p-, u- dh Hkxhnh l hekUr
i kbZ xba l efdri cky fodkl l ok vks
LokLF; LVkQ ds chp l ello; ea vks



I þkkj djus dh t: jr gð LokLF;
 dk; Þrkð/vka dks ;g l e>uk pkfg, fd
 mudh vlsj l smudh Hkfedk vfedk vkl ku
 gks l drh gð ; fn vkauokMh dðbka ds
 dk; Þyki ka dks mfpr : i l s dk; kðlor
 fd; k tk, A cky fodkl ifj; kstuk
 vfedkjh vlsj i kFkfed LokLF; dðbka ds
 fpfdRI k vfedkdfj; ka dks dk; Ðe ds
 fu"i knu eaof) djusdsfy, vkauokMh
 {ks=ka ds l a þr : i l s nks s vk; kðtr
 djuspkfg, A vkauokMh dk; Þrkð/vka vlsj
 l gk; d ul Z feMokbQ rFkk Bvk'kkp dks
 fudV l g; kx ds l kFk dk; Zdjuk pkfg, A
 efgykva vlsj cPpka dh LokLF; l æakh
 t: jrka dh n[kHkky vlsj cPpka dh LokLF;
 l æakh t: jrka dh n[kHkky djusdsfy,
 feydj dke djus ds okLrs l keku vlsj
 mi k; [ksts tkuspkfg, A nkf; Ro ea l þkkj
 djus ds mís; l þ l eðdr cky fodkl
 l þk {ks=kaea dk; Zdjusokyh l gk; d ul Z
 feMokbQ@i h-, p-, u- dh dk; Z vkdyu
 fj i kZ/ea ifj; kstuk ds i Hkkjh cky fodkl
 ifj; kstuk vfedkjh ds
 eW; kaðu@fVli f.k; ka dks Hkh 'kkfey fd; k
 tk l drk gð

xxiii½ n[kk x; k gS fd i kSk.k vlsj LokLF;
 f'k{k k l þk, a i nku djus dh xfr okðN r
 Lrj l s dkQh de Fkh %ol l æak ep
 fl Qkfj 'k dh tkrh gS fd i; bðk dka dks
 vi us rUokoekku ea vkauokMh dðbka ea
 fu; fer varjkyka ij vlsj pkfjd i kSk.k
 vlsj LokLF; f'k{k k l = vk; kðtr djus
 dh ftEenkjh nh tkuh pkfg, A cky

fodkl ifj; kstuk vfedkdfj; ka vlsj ftyk
 vfedkdfj; ka }kjk l rr vlsj i Hkkoh
 ekuhVju vlsj LokLF; dk; Þrkð/vka dh
 l fØ; Hkkxhnhkj l s Hkh bl ?kVd ds
 i Hkkoh dk; kðo; u ea enn fey l drh
 gð i kSk.k vlsj LokLF; f'k{k k l =ka ds
 fy, , d LFkku ij efgykva dks bdøk
 djuk vlsj l eng fuekZ kj LFkkuh; : i l s
 ipfyr l keftd vFkok eukjat ukRed
 esysvFkok dk; Þyki vk; kðtr fd, tk
 l drs gð ukS/æh] dBi rpyh vkfn tS s
 ykd eke; eka ds mi ; kx dks vkauokMh
 dk; Þrkð/vka ds i f'k{k.k ?kVd ea 'kkfey
 djus dh t: jr gS rkd i Hkkoh <x l s
 i kSk.k vlsj LokLF; f'k{k k i nku djus ea
 mudh n{krkva dks l qn<fd; k tk l dA

xxiii½ D; kðd efgykva vlsj ykxka dh vfhkofUk; ka
 vlsj vkpj.k dks i Hkkfor djus ea tu
 l þkj l keku , d egUoi wkZ Hkfedk fuHkkr s
 gð bl fy, vfedk k l ans kka dkð i R; {k
 vlsj vi R; {k} ftudk vkt dy ið kj.k
 fd; k tkrk gð efgykva vlsj cPpka ds
 fodkl dh n"V l s vlsj vfedk mi ; þr
 vlsj l ær cuk, tkus dh t: jr gð bu
 l ans kka dkð ekrkvkð i fjokj ka vlsj l keku;
 : i l sl ekt dks f'k{k kr djus ds mís;
 l þ 0; kol kf; dka vlsj dykdjka }kjk
 mi ; þr : i l srð kj fd; k tkuk pkfg, A
 i kSk.k vlsj LokLF; f'k{k k ds fy, rFkk
 efgykva vlsj cPpka l s l Ec) epka ds
 fo" k; ds fy, nst l þkj l kka dk
 iz kx fd, tkus dh t: jr gð



xxiv½, dhdr cky fodkl I ɔk dk; Ɖe dk
 m'is; bl s , d I epk; &vkèkkfjr
 dk; Ɖe cukuk gš vksj bl ds fy,
 vka'uokMh dk; Ɖyki ka ea I epk; }kjk
 Hkkxhnhkj dhjuk o 'kkfey gksuk t: jh
 gš fu% angj , dhdr cky fodkl I ɔk
 dk; Ɖe usvHkh rd tks I Qyrk i klr
 dh gš og n<+I kempk; d I gk; rk vksj
 I g; kx ds dkj .k gš rFkkfi] vkdkk{kr
 Lrj rd I ešdr cky fodkl I ɔk
 dk; Ɖe ea I epk; dh Hkkxhnhkj
 I ɔuf'pr djus ds fy, bl fn'kk ea
 vHkh Hkh dkQh dQ fd; k tkuk 'kšk gš
 bl I æk eš I ɔko gš fd I epk;
 ij .kk ny dk; e djus ds fopkj dk
 iz kx fd; k tk I drk gšft I ea i Hkkoh
 <x I s I Ei šk.k dh n{krk vksj LFkkuh;
 LošPNd I æBukš; ɔk Dyckš I kempk; d
 I æBuka vksj I kFk gh LokLF;] f'k{k
 is ty rFkk LopNrk I s I æfèkr xte
 I fefr; kads i frufèk; kads Hkh mRI kgr
 djus dh n{krk j [kus okys dk; Ɖrkz
 vksj vè; ki d 'kkfey gka rkd I ešdr
 cky fodkl I ɔk dk; Ɖe dks cšvi
 I eFkš mi yCèk djk; k tk I dš I epk;
 ij .kk ny ds vU; dk; kš eafuEufyf [kr
 I fèefyr gks I drs gš Hkkxhnhkj hi wkz
 xteh.k vkdyu tš h i) fr; kads iz kx
 djds ykxka dks tš/kuk] LFkkuh;
 I kekftd fodkl eška ds I æk ea I eFkš
 i æd[k eška ds I æk ea vke I gefr vksj
 I a kstu] i kFkfedrki wkzeška ds I æk ea
 ykxka ds chip tkx: drk fuekz k] xte
 ds varj &{ks=h; ny ds I kFk rkyesy

vksj cpr o __.k dsfy, i fØ; k, a'kq
 djuka

xxv½ I ešdr cky fodkl I ɔk dk; Ɖe ds
 fodkl y{; rduhdh : i I s I ɔuf'pr
 djds , d fHkuu ifjn'; ds I kFk
 I epk; &ekuhVfjæ dh voèkkj.kk dk
 iz kx fd; k tk I drk gš thou ds
 I Hkh {ks=ka I s LFkkuh; ykxka dksfeykdj
 , d I epk; Lrjh; ekuhVju ny xBr
 fd; k tk I drk gš ny ds I nL; ka dkš
 dfri; i fØ; k I æšrdka vksj ij .kke
 I æšrdka ij vkèkkfjr I ešdr cky
 fodkl I ɔk dk; Ɖe dk ekuhVju djus
 dsfy, I ɔk dk; Ɖrkz/ka vksj 0; kol kf; d
 fo'kšKka }kjk if'kf{kr fd; k tkuk
 pkfg, A bl I s cPpkš fd'kšj yMfd; ka
 vksj efgykvkadsfy, I epk; Lrj ij
 fodkl y{; ka dh nš"V I s LFkkuh; : i
 I s I ær I æšrdka dk irk yxkuk
 I ɔuf'pr gkska ; s I æšrd] I gšf{kr
 is ty rd ifjokj dh I ɔyHkrk]
 vif'k"V fuiVku ds I kekukš cPpka ds
 iwz ifrj{k.k] foVkfèu , dh fu; fer
 [kškd i klr djus okys 3 o"lz I s de
 vk; q ds cPpkš vks vkj , I ds fy,
 fMi kšèkkjd dh fo |ekurk] I epk; ds
 varj xHkšujkèkka vksj xHkšujkèk
 xksy; kš ij d i kškkgj] iz o&iwz
 nš[k&jš[k] ykšj vksj Okšyd , fl M+
 xksy; ka vksj fu; fer rFkk cxš #ds
 Vh-Vh- [kškd i klr djus okyh I Hkh



xHkZbrh efgykvka vks@vFkok n&eki ku
djkusokyh ekrkvka vfuok; Z [kkuk i klr
djus okys N% ekl I s vfekd dh vk; q
ds i R; d cPp& vks pkfjd Ldny ea
nkf[ky vks tkus okys ikp o"kz I s
vfekd vk; q ds i R; d cPp& dk; kRed
ekrkvka vFkok efgyk I engka dh
fo|ekurk] , d fuf'pr vofek ds n&ku
cPpka vks xHkZbrh efgykvka ds chp
tle vFkok eR; q dh ?kVuk] xHkZbrh
ekrk dks tfVyrk, a mRiUu gkus ij
xHkZbrh ekrkvka dks LokLF; d&nz rd
tkusdh ifjogu I foekk dh miy&ekrk
vkfn ij v&ekfjr gks I drs g&

xxvii½ ykska dh ekufI drk dks cnyuk] fo'k&k
: i I s yMfd; ka ds fo#) HknHkko t& s
e&ka ds ckjse] I efdur cky fodkl I ok
dk; De ds fy, , d cMh p&ks-h g&
eknk Hk&kgR; k vks f'k'kq gR; k ij j&sd
yxkbz tkuh pkfg, vks vke ykska dks
bu e&ka ds fo"k; ea i; klr : i I s
f'kf{kr fd; k tkuk pkfg, A ckfydkvka
dks I j{k.k inku djuk , d I &nu'khy
e&k g&vks I e>kuk&c&kuk gh , dek=
mik; g& ?kVrs fy&vuq kr vks n&k
ds Hkfo"; ij bl ds I EHkkfor i Hkko ds
ckjs ea x&ka ea tkx: drk i &nk djus ea
v&kuokMh d&nz eg&oi wkz Hk&edk fuHk
I drs g& bl fy,] ; g vko'; d g&sd
v&kuokMh dk; &rk&ka vks I gk; d&al fgr

i fj; kst uk vfe&dkfj; ka dks vfhk; kuka o
vU; I kekuka ds tfj, tkx: drk i &nk
djus t& s dk; ka ea 'kkfey fd; k tkuk
pkfg, A

xxviii½ Hkkjr I jdkj }&jk 1992 ea tkjh
, d ifji= ds vu& kj ftI ds rgr 80
ifr'kr vFkok ml I s vfekd dh I hek
rd fdI h Hkh ftys dks I efdur cky
fodkl I ok dk; De ds v&xr& doj
fd; k x; k g& i k&kgkj] Ldny&i&wZf' k{k&
LokLF; vks I keft&d dk; Zea v&ns kd
dk , d*&, d v&rfjDr in eatj fd; k
x; k Fk&A fdUr&bl i koekku dk mi ; k&
I r&sk&tud Lrj I s dkQh de jgk g&
cgr I s ftyk I efdur cky fodkl
I ok idk&B bl i koekku dk mi ; k&
ugha dj I d& bl rF; dks n& krs gq
fd vu& idkj I s I efdur cky fodkl
I ok dk; &rk&ka dks r& kj djus e&
ftI ea Hkkjr I jdkj vks jkT; I jdkj ka
&jk& tkjh foHk&Uu ek&Tun& k& vks
ifji=ka ds ckjs ea mlga tkudkj&h n&uk
'kkfey g& v&ns kd eg&oi wkz Hk&edk
fuHk I drs g&ftI I sfd mlga dk; Z i
fn; k tk I d&

xxviii½ turk ea cPpka vks efgykvka ds i k&.k
Lrjka ea I q&kj djus ds fy, I efdur
cky fodkl I ok dk; De dks I o& gyHk
cuk, tkusdh t: jr g&



v/; k; 1 & ifjp;

vxoky ds, u- rFkk vU; ½2000½

bEi DV vKND vkbZ hMh, l eS/juy U; fV² ku , .M cFkZoS/ bu : jy okjk.kl hj okjk.kl h% cukj l fgUnw ; fuofl Vh] bñLVV; W vKND eSMdy l kbñl t] ckyjks foHkx]] bñM; u iñM; kVVDI] 2000] 37½2½% 1321&27A

Hkkjrh] dsMh- dks/pk] i-hoh- ½2002½

U; fV² kuy LVs/l , .M tMj fMQjñl Tk bu fn fpYmñu vkQ yñ nsu Okbo bZ l l vkQ , t vñMñx vkbZ hMh, l vñkuokfMt bu oMksnj k fl VhA oMksnj] xqt jkr-%xouèV eSMdy dñV]st] mlëw rFkk l keftd pfdRI k foHkxA bñM; u tjuy vKND dE; fuVh eSMfl u] 27½3½% 124&129A

Hkkjrh] 'ork] egktu] v'kñZ rFkk vjksMk] l ef) ½2003½

boS; q 'ku vKND gSfK l fo] st i kskbfMM Vñi hLdñV] l Z, V vñkuokMh l ß/l ZñvcU LyEl vKND tEew fl VñA tEek tEew fo'ofolky;] xg foKku Lukrdkskj foHkx] i:3A

Hkkñed] ickk dñj rFkk elluk flerk ½2001½

ekj VñyVh , M ekñcfMñh i Svzbu fpYmñu O Vñ6 bZ l ZvñMñx vñkuokMh , DI Vñ

Vñi kbejh gSfK ds j Fñvos juS , .M dE; fuVh gSfK i kñYe] Okñks vi dñ vKND xM III , .M IV vKND ekyl; fV² ku fpYmñu vñj vkbZ hMh, l] dkydkrk% Hkkjrh; cky dY; k.k ifj"kn] if'pe cakj] i:-153A

Okñ ßt] ubZ fnYyh ½2005½

fn ekbØksLVs/l vKND vkbZ hMh, l bu g; kruxj ½ñkñk inskñ% , LVmñ ckbZ Okñ ßt] ubZ fnYyh% Okñ ßt] i:-16A

Okñ ßt] ubZ fnYyh ½2005½

, ekbØksLVmñ vKND fn LVs/l vKND fn ; x pkbYM & , Cykñd yoy LVmñ bu pñkSyh fñfLVñV vKND ; ñi h- ckbZ Okñ ßt] ubZ fnYyh% Okñ ßt] i:-20A

Okñ ßt] ubZ fnYyh ½2005½

, l kky vñMñV vKND vkbZ hMh, l bu fn LVs/ vKND fcgkj % , LVmñ bu Okñ ßt] ubZ fnYyh% Okñ ßt] i:-44A

Okñ ßt] ubZ fnYyh ½2005½

, l kky vñMñV vKND vkbZ hMh, l bu fn LVs/ vKND mñkj insk % , LVmñ ckbZ Okñ ßt] ubZ fnYyh% Okñ ßt] i:-51A

Okñ ßt] ubZ fnYyh ½2005½

fn LVs/l vKND fn ; x pkbYM bu jktLFkku % , LVmñ ckbZ Okñ ßt] ubZ fnYyh% Okñ ßt] i:-64A



xake] , l -oh- i frufek] , -ds , .M xqrk] , -, e-
1998½

U; nV^a kuy vl d eW vknD ohesu bu
fn fj i kMfDVo , st xqj QkVe
vkb] hMh, l Lye , fj; k bu i qksfl VhA
i qk% ch-ts efmDy dkwyst] bM; u
tjuy vknD dE; fuVh eSMfI u] 28¼4¼%
161&64A

Kkubnz fl g] 1997½

yka VeZ bQDVt vknD vkb] hMh, l
i kste vknD bM; u fpYMbu bykgkcn%
, e, y, u efmDy dkwyst] mleyudkj
rFkk l keftd pfdRI k foHkkx] i-
11A

tkt] ds, -] rFkk vU; 2000½

vuhfe; k , .M U; nV^a kuy LVSt vknD
i h&Ldwy fpYMbu bu djyk] f=onæ %
U; nV^a kuy fj l pZ l vj] djyA bM; u
tjuy vknD i fM; kfvDI] 67¼8¼%
575&78A

gfj; k. kk] l ekt dY; k. k foHkkx] pMhx<+1986½

, fMdm vknD vkb] hMh, l % bM; xVM
pkbYM Mpyi eW l foI st 1975&1985A
pMhx% l ekt dY; k. k foHkkx] gfj; k. kk]
i-32A

gfj; k. kk] l ekt dY; k. k foHkkx] pMhx<+1995½

VwfmDMt vknD vkb] hMh, l % bM; xVM
pkbYM Mpyi eW l foI st bu gfj; k. kk

1975&1995A pMhx<} l ekt dY; k. k
foHkkx] gfj; k. kk] i-24A

Hkkj r] ekuo l d kaku fodkl eky;] efgyk
, oacky fodkl foHkkx 2005¼A

ok'kd fj i kZ2004&05] ubZfnYyt%efgyk
, oacky fodkl foHkkx] i-287A

Hkkj r] ekuo l d kaku fodkl eky;] efgyk
, oacky fodkl foHkkx 1996½

bM; xVM pkbYM Mpyi eW l foI st
¼vkb] hMh, l ½ % ubZ fnYyt% efgyk , o
acky fodkl foHkkx] i-24A

Hkkj r] ekuo l d kaku fodkl eky;] efgyk
, oacky fodkl foHkkx 1991¼A

15 bZ l ZvknD vkb] hMh, l % , u vkj0; j
ubZfnYyt%efgyk , oacky fodkl foHkkx]
i-150A

Hkkj r] ekuo l d kaku fodkl eky;] efgyk
, oacky fodkl foHkkx 1997¼A

; fuol y fpYMBI Ms 14 uoEcj 1997%
50 bZ l ZvknD pkbYM Mpyi eW & fn
psyft t vghM 1787 Vw 1997% pkbYM
oYQs j , .M Mpyi eW%fn fglVkfjdy
i l d DVoA ubZ fnYyt%efgyk , oacky
fodkl foHkkx] i-31A

Hkkj r] ekuo l d kaku fodkl eky;] efgyk
, oacky fodkl foHkkx 1992¼A



u&ky lyku v&D , D'ku Qk& fn I kdZ
fM&M v&D fn xyz&pkbYM 1991&2000
, -M&A ubZfnYyht%efgyk , oacky fodkl
foHkkx] i:29A

Hkkj r] ekuo I d k&ku fodkl e&ky;] efgyk
, oacky fodkl foHkkx ¼1994¼A

; fuol &y fpYMM&I Ms 14 uoEcj 1994
jkbV& v&D fn pkbYM%efgyk , oacky
fodkl foHkkx] i:65A

Hkkj r] ekuo I d k&ku fodkl e&ky;] efgyk
, oacky fodkl foHkkx ¼1997¼A

; fuol &y fpYMM&I Ms 14 uoEcj
1997% 50 bZ; I Z v&D pkbYM
Moyie&W%fn p&ys&ut t vfgMA ubZ
fnYyht%efgyk , oacky fodkl foHkkx]
i:40A

Hkkj r] fofek] U; k; vk& dEi uh dk; Z e&ky;
¼2000¼

fn dk&L VV; qku v&D b&M; k] ubZfnYyht%
fofek] U; k; vk& dEi uh dk; Z e&ky;]
i:231A

Hkkj r] I kekftd dY; k.k e&ky;] ubZ fnYyh
¼1980¼

i&Qkby v&D fn pkbYM bu b&M; k%
i&W&yfl t , M i&ks&EIA ubZ fnYyht%
I kekftd dY; k.k e&ky;] i:371A

Hkkj r] ekuo I d k&ku fodkl e&ky;] efgyk
, oacky fodkl foHkkx ¼2005¼A

u&ky lyku v&D , D'ku Qk& fpYMM&I
2005A ubZfnYyht%efgyk , oacky fodkl
foHkkx] i:51A

Hkkj r] ; kst uk vk; kx ¼2002¼

V&Fk Qkbo bZ j lyku 2002&2007 % 3
okY; &] ubZfnYyht% ; kst uk vk; kx & i:
1000A

di kfM; k] dkfeuh vkj- ¼1998¼

i&S , M vkmVde M&D; &W&ku LVM&h
v&D fn ; & pkbYM ¼0&6 o'¼% v&D fn
vc&u fMI , Moka&SM bu i Vuk% , u
, Xth&D; &Vo I ejh] ubZ fnYyht% jk"Vh;
dk; Z I &Fkku] i:17A

dfi y] me&k] rFkk vU; ¼1999¼

U; &V&, & buV&d , M datE'ku v&D
I lyhed&jh U; &V& ku ckbZ I &g yh
ekyufij'kM fpYMM&I bu Vw&kb&I hMh, I
i&st&DV& bu jkt&LFkku LV&A ubZfnYyht%
, EI] ekuo i&ks&kgkj foHkkx] b&M; u
i&SM; kfV&DI] 1999] 36¼&¼% 799&802A

e&F; & felluh ¼1997¼

efda& , fMQjd % , M&D; &W& v&D ,
i&st&DV Qk& V&bcy v&M&sy& & xYI Zbu
&kkj fM&LV&DV] e&e; i&ns&kA ubZ fnYyht%
fo'o [kk] dk; &E] i:33A

jk"Vh; tu I g; kx , oacky fodkl I &Fkku]
{k=h; d&h& c&xyk&] c&xyk& ¼1996¼A

bQ&SDVou& v&D g&Fk , .M U; &V& ku
, t&ds&ku F&ngke fofTV , t , LV&V&t&h&



, LVMhA cakys%fui fl M&vkj l hch] i:
33A

jk"Vh; tu l g; kx , oa cky fodkl I l Fkku
1/1978 1/2

xoužv ikfyfl t , .M ikskEI QkV
pkbYM oYQ; j@MoyieW%0&14 bž j
fon Lišky ,EQfI l vkk 0% , t xij
vkkD fpYMLA ubl fnYyh%jk"Vh; tu
l g; kx , oa cky fodkl I l Fkku] i:-53A

jk"Vh; tu l g; kx , oa cky fodkl I l Fkku
1/1984 1/2

i l i sDVo lyku vkk pkbYM MoyieW%
1980&2000A ubl fnYyh%jk"Vh; tu
l g; kx , oa cky fodkl I l Fkku] i:-
184A

jk"Vh; tu l g; kx , oa cky fodkl I l Fkku
1/1979 1/2

vkdkb0l , M fn pkbYM% bā/jus'kuy
vkdkb0l ohd%23&29 vDmij] 1979A
ubl fnYyh%jk"Vh; tu l g; kx , oa cky
fodkl I l Fkku] i:-30A

jk"Vh; viz q'r vkfFkd vud'akku ifj"kn] ubl
fnYyh 1/2001 1/2

dudjv boš; w 'ku vkND bā/sx'VM pkbYM
MoyieW l foI st%us'kuy fji kšZokY; w
1 rFkk 2A ubl fnYyh%jk"Vh; viz q'r
vkfFkd vud'akku ifj"kn] i"B 200A

I š n] Qjgr rFkk 'kškfñ] , l - 1/1996 1/2

LVMht vkk vos'cfyVh] ; wVykbTš'ku
, M bEiDV vkND U; wV'ku , M gšFk

I foI st bu fi&Ldny fpYMLA 10&36
efkt 1/2 , .M ixuW enI Zbu , u vcZu
Lye l šVx vMj VmMQjv gšFk fMyhojh
fl LVEI % 1Lo&l ok cuke l jdkjVA
cMknk% , e-, l - ; fuofl Vh] [kk | rFkk
i kškgkj foHkkx] i:-3A

'kkUr-k] bžoh- 1/1997 1/2

ikš 9 , M vkmVde MkD; q'š'ku vkND
bž hMh bu vcZu fMI , MokašM , fj; k tA
ubl fnYyh%jk"Vh; 'kgjh dk; Z l l Fkku]
i:-50A

fl škh] , u-ds tškh] o"kkZ rFkk iky] ihre
1/1996 1/2

LVMFkux DokfyVh , M , DI š VmI foI st
bu vkbž hMh, l ikskE% , l kš'ky
, l š eW t; i g%vkfFkd fodkl I l Fkku]
i:-200A

v/; k; 2 & vè; ; u dk fMtkbu

jk"Vh; viz q'r vkfFkd vud'akku I l Fkku] ubl
fnYyh 1/2001 1/2

dudjv boš; w 'ku vkND bā/sx'VM
pkbYM MoyieW l foI st%us'kuy fji kšZ
okY; w 1 rFkk 2A ubl fnYyh%jk"Vh;
viz q'r vkfFkd vud'akku I l Fkku] ubl
fnYyh] i:-200A

'kek] vkn'kZ 1/1987 1/2

ekWVfjx l kš'ky dEi kš'v/ vkND
bā/sx'VM pkbYM MoyieW l foI st% ,
ik; yV i kš'DVA ubl fnYyh%jk"Vh; tu
l g; kx , oa cky fodkl I l Fkku] i:-
153A



'kek] vkn'k] rFkk vU; 1/1992½

uskuy boŷ; w 'ku vKND bā/sxŷVM pkbYM Møyi eŷ/ I foI stA ubZ fnYyht% jk"Vh; tu I g; ksx , oacky fodkl I LFkku] i: 204A

v/; k; 3 & vol ĵpuk vkĵ mĭkj nsu okys0; fDr; ka dk i kQkby

vki ĵs'ku fjl pZ xij] I kekftd vuq akku dŷnĵ ubZ fnYyh 1/2005½

boŷ; w 'ku vKND i kst DV mfn'kk%fn uskuy Vŷuax dEi ks ŷ/ vKND oYmZ cŷI vfi fLVM ohesu , M pkbYM Møyi eŷ/ i kst DV% 2 okW; ŷI] ubZ fnYyht% vks vkj th] i: 400A

fo'o cŷI] ubZ fnYyh 1/2002½

ohesu , .M pkbYM Møyi eŷ/ 1/MCY; w hMh½@ bā/sxŷVM pkbYM Møyi eŷ/ I foI st 1/vkbI hMh, I III½ i kst DV 1/201MV I a42&vkbI, u½% i; bŷk.k fe'ku] ubZ fnYyht% fo'o cŷI] i: 60A

v/; k; 4 & I okvka dh i nk; xh dk eW; kdu

Hkkjrh] 'ork] egktu] v'kz rFkk vjkbMh] I ef) 1/2003½

boŷ; w 'ku vKND gŷFk I foI st i kkbfbMM Vwf i & Ldny I Z, V vkaxuokMh I ŷ/ I Z½vcŷI Lye vKND tEew fi Vh½ tEew tEew fo'ofok]ky;] xg foKku Lukrdkŷkj foHkkx] i: 3A

eŷ; ĵ feluh 1/1997½

efdaX , fMQj d % , MkD; w vKND s i kst DV QkV Vrkbcy vMksy d / xYI Zbu

ekj fMfLVdV] eè; i ns'ka ubZ fnYyht% fo'o [kk] dk; Dŷe] i: 33A

jk"Vh; tu I g; ksx , oacky fodkl I LFkku] y[kuÅ] y[kuÅ 1/2005½

, fDod visty vKND , MCY; w hI ht bu fcgkjA y[kuÅ%fui fi M&vkj I h, y] i: 165A

vki ĵs'ku fjl pZ xij] I kekftd vuq akku dŷnĵ ubZ fnYyh 1/2005½

boŷ; w 'ku vKND i kst DV mfn'kk%fn uskuy Vŷuax dEi ks ŷ/ vKND oYmZ cŷI vfi fLVM ohesu , M pkbYM Møyi eŷ/ i kst DV% 2 okW; ŷI] ubZ fnYyht% vks vkj th] i: 400A

i k.Mŷ Mh-Mh- 1/2005½

fjl pZ , CI VdV+ vKND vkbI hMh, I 1995&2002A ubZ fnYyht% jk"Vh; tu I g; ksx , oacky fodkl I LFkku] i: 95A

i kN] fnuŷk] rFkk vU; 1/2003½

boŷ; q 'ku vKND eŷMfi u fdV i kkbfbMM Vw vkaxuokMh odĵ% ubZ fnYyht% jk"Vh; tu I g; ksx , oacky fodkl I LFkku] i: 150A

; wŷ.dkŷ ubZ fnYyh 1/1997½

LVŷFkfuax i kst DV eŷsteŷ/ bu vkbI hMh, I & Qkdfi x vKND vyhZ pkbYMgM ds j , M Møyi eŷ/A ubZ fnYyht% ; wŷ.dkŷ i: 48A

fo'o cŷI] ubZ fnYyh 1/2002½

ohesu , .M pkbYM Møyi eŷ/ 1/MCY; w hMh½@ bā/sxŷVM pkbYM



MoyieW I foł st ¼vkbZ hMh, I III½
i kst DV ¼QfMV I a42&vkbZ, u¼%
i; b{k.k fe'kuA ubZ fnYyh% fo'o
cšd] i:60A

fo'o [kk] dk; Đe ¼Mcy; ¼Qi h¼] ubZ fnYyh
¼2000½

BbEi ¼foax pkbYM I jokboy Fkz
vkbZ hMh, I % , fMfLV'DV
bthf'k, fVo] ckd okMk] jktLFkku¼%
gktks I kš# MkD; ¼s'ku vKWĐ fn
i kst DV] ubZ fnYyh % fo'o [kk]
dk; Đe] i:26A

**v/; k; 5 & I ešdr cky fodkl I okvka
ds yHk vKš i fj.kke**

jk"Vh; viz, Đr vkfFkZd vuđ akku i fj"kn] ubZ
fnYyh ¼2001½

dudj¼/ boš; ¼'ku vKWĐ b¼s¼fVM
pkbYM MoyieW I foł st%uškuy fjikšZ
okY; ¼ 1 rFk 2A ubZ fnYyh% jk"Vh;
viz, Đr vkfFkZd vuđ akku I ¼Fkku] ubZ
fnYyh] i:200A

'kek] vkn'kZ ¼1987½

ek¼hVfjx I k'sky dEi ku¼/ vKWĐ
b¼s¼fVM pkbYM MoyieW I foł st%,
ik; yV i kst DVa ubZ fnYyh% jk"Vh; tu
I g; kx , oa cky fodkl I ¼Fkku] i:
153A

'kek] vkn'kZ rFk vU; ¼1992½

uškuy pkbYM boš; q 'ku vKWĐ b¼s¼fVM
pkbYM MoyieW I foł stA ubZ fnYyh%
jk"Vh; tu I g; kx , oa cky fodkl
I ¼Fkku] i:204A

**v/; k; 6 & vfhkuo i fjořu vKš I okvke
i) fr; ka**

Hkkj r] ekuo I ¼ keku fodkl e¼ky;] efgyk
, oa cky fodkl foHkkx] ubZ fnYyh ¼2000½

b¼s¼fVM pkbYM MoyieW I foł st
¼vkbZ hMh, I ¼A ubZ fnYyh% efgyk , oa
cky fodkl foHkkx] i:56A

eškky;] efgyk , oacky fodkl foHkkx] f'kykx
¼2005½

duot¼/ vKWĐ I foł st bu vkbZ hMh, I
i kst DV¼ fon fn fMQj¼/ fMi kVZ¼/¼
vKWĐ xouZ¼/ , ¼I fn dE; ¼uVhA f'kykx%
eškky; &efgyk , oacky fodkl foHkkx]
i:5A

; w, I , M] ubZ fnYyh ¼1993½

vkbZ hMh, I blukosVo vi kšpt Vw, ug¼d
I foł stA ubZ fnYyh% ; ¼ , M] i:31A

jk"Vh; tu I g; kx , oa cky fodkl I ¼Fkku
¼2005½

U; ¼Vª ku , .M gšFk , t¼d's ku%
, DI i hfj, ¼I I vKWĐ fui fI M ¼¼ qkš%2005]
ebZ 19&20¼A ubZ fnYyh% jk"Vh; tu
I g; kx , oacky fodkl I ¼Fkku] i:50A



एम्स	आल इंडिया इंस्टीट्यूट आफ मेडिकल साइंसेज़	जी. एफ. आर भ. स.	सामान्य प्रजनन दर भारत सरकार
ए. एन. एम	अग्जिलरी नर्स मिडवाइफ	मा. सं. वि. मं.	मानव संसाधन विकास मंत्रालय
ए. एन. पी.	प्रयुक्त पोषण कार्यक्रम	भा. बा. क. प.	भारतीय बाल कल्याण परिषद
आ. वा.	आंगनवाड़ी	शि.मृद	
आ. का.	आंगनवाड़ी कार्यकर्ता	(आई एम आर)	शिशु मृत्यु दर
आ. प्र. के.	आंगनवाड़ी प्रशिक्षण केंद्र	के. ए. पी.	नालिज, इंस्टीचूड एंड प्रैक्टिस (संज्ञान, दृष्टिकोण, अभ्यास)
बी. डी. ओ.	ब्लॉक डेवेलपमेंट आफिसर (खंड विकास अधिकारी)	एल. एच वी एम. ई. यू.	लेडी हेल्थ विज़िटर मोबाइल फूड एंड न्यूट्रिशन एक्सटेंशन यूनिट
केयर	कोआपरेटिव फॉर अमेरिकन रिलीफ एवरीव्हेयर	म.स्त. प्र. के.	
सी. बी. आर	असंशोधित जन्म दर	(एम.एल.टी.सी)	मध्य स्तरीय प्रशिक्षण केंद्र
बा. वि. प. अ.	बाल विकास परियोजना अधिकारी	एम. एम. आर	मासिक मानिटरिंग रिपोर्ट
सा.स्वा. के.	सामुदायिक स्वास्थ्य केन्द्र	एम. पी. आर.	मासिक प्रगति रिपोर्ट
के. स. क. बो.	केंद्रीय समाज कल्याण बोर्ड	एम.पी. डब्ल्यू	मल्टिपरपज़ वर्कर
के. त. स.	केंद्रीय तकनीकी समिति	एन. एच. ई	न्यूट्रीशन एंड हेल्थ एजुकेशन (पोषण और स्वास्थ्य शिक्षा)
डी. डी. आर	डिलीवरी डेथ रेट (प्रदाय मृत्युदर)	एन. एच. ई. डी	पोषण और स्वास्थ्य शिक्षा
डी. पी. टी.	डिप्लीरिया, परटुसिस (काली खांसी), टिटनस	निपसिड	राष्ट्रीय सहयोग एवं बाल विकास संस्थान
डी. टी.	डिप्लीरिया, टिटनस	नौरैड	नाखेजियन एजेन्सी फॉर इंटर डेवेलपमेंट
म. बा. वि. वि.	महिला एवं बाल विकास विभाग	ओ. आर. टी	ओरल रिहाइड्रेशन थिरेपी
ई. सी. सी ई	आरंभिक शिशु देखभाल एवं शिक्षा	पी ओ	प्रोग्राम आफिसर
ई. सी. ई.	अर्ली चाइल्डहुड एजुकेशन (आरंभिक बाल शिक्षा)		
फ्ला (Flaw)	फंक्शनल लिटरेसी फार एडल्ट वूमेन (प्रौढ़ महिलाओं के लिए कार्यात्मक साक्षरता)		

प्रा. स्वा. के.	प्राथमिक स्वास्थ्य केंद्र	टी. टी.	टिटनस टॉक्साइड
पी. एस. ई	प्री-स्कूल एजुकेशन (स्कूल-पूर्व शिक्षा)	यूनिसेफ	यूनाइटेड नेशन्स चिल्ड्रन फंड
सार्क	साउथ एशियन एसोसिएशन फॉर रिजनल काऑपरेशन	डब्ल्यू एफ पी	वर्ल्ड फूड प्रोग्राम
एस.एन.पी.	भरपाई पोषण कार्यक्रम	डब्ल्यू एच ओ	वर्ल्ड हैल्थ आर्गनाइजेशन (विश्व स्वास्थ्य संगठन)



'kCnkoyh

vkxuokMh dlnz fdl h xk@ 'kgjh Lye ea l efdr cky fodkl l ok ds varxh l okvka ds i sst dh ink; xh dsfy, , d dlnA

vkxuokMh dk; Zlrkz fdl h vkxuokMh ds , d s i ekkku inkfekdkjh] tks l efdr cky fodkl l ok ds varxh l okvka dh ink; xh dsfy, ftEenkj gA

Cykkl xkeh.k vk; kstuk vksj fodkl dh , d bdkb] ftl ea yxHkx 100 xk@ vksj yxHkx 80]000 & 1]20]000 dh tul a; k gkA

fuoy tle nj o"lz ds nkjku i fr 1000 thfor cPpka dh l a; k] ftl dk vkdyu o"lz dsee; eafd; k x; k gkA

$$\text{tle nj} = \frac{\text{o"lz ds nkjku thfor i shk gq cPpka dh l a; k} \times 1000}{\text{o"lz ds chp ea vkdyu dh xbz tul a; k}}$$

fefJr Ldkj ¼ h, l ½ 14
 $\sum_{i=1} X_i \text{ ---- } X_n$

l kekl; tuu {kerk nj fdl h fuf' pr o"lz ea 15&49 o"lz dh vk; q okyh i fr 1000 efgykvka ea thfor tlea cPpka dh l a; k

nkbz ijEi jkxr i l o ifjpkfjdk

dPpk vLFkk; h fuekzk

dBi qyh dBi qyh

dhrzu HkDrtuka dk , d k , d=hdj.k] tgka HkFDr xhr xk, tkrs gA

tle ds le; thou l HkkO; rk cPpka ds tle ds le; vyx&vyx tul a; k dsfy, ipfyr eR; q ds [krjs dh 'krZ ds vekhu mu o"lkA dh l a; k tc rd uotkr f'k'kq thfor jgA

tle ds le; de otu , d scPp] ftudk otu tle ds le; 2500 xke ; k bl l s de gkA okys cPps

efgyk e.My efgykvka dk LFkkuh; l xBu

ekrd eR; qnj i kl fod dkj .kka l s 1]000 i fr thfor tles cPpks ea eR; q dks i ktr cPpka dh l a; k

$$\text{ekrd eR; qnj} = \frac{\text{xHkkbLFkk ds dkj .k l heks ; k cPps ds tle vksj xHkkbLFkk ds nkjku gblz ; k i l o ds 42 ?k/s ds vnj gblz ekr} \times 1]000}{\text{o"lz ds nkjku dgy thfor tlea cPpka dh l a; k}}$$



vud pj .kka ea ; knfPNd ueukdj.k	iR; d ueukdj.k ds pj.k ea ; knfPNd ueukdj.k ds izdkj dk bLræky djuk] tgka de l s de nks pj.k gka
vukš pkfjd f'k{kk	i kš+0; fDr; ka vksj cPpka dh tul ũ; k eafo'kšk mi l engka dks KkuktZu djkus ds pŕuank izdkj mi yCek djkus gsrq vksj pkfjd izkkyh ds <kps ds ckgj vk; kš tr fd; k x; k dkbz 0; ofLFkr 'kš{k d dk; bdyki A
i kškkkj dh fLFkr	vko'; d Hkkst u ds i kškd rUoka ds varxg.k vksj mi ; kx }kjk i Hkkfor fdl h 0; fDr ds LokLF; dk mYys[k djukA ml ds thou ds fofHkuu pj.kk ml dh i kškkkj l æakh fLFkr dseke; e l sfdl h 0; fDr dh ixfr vud eukškfud vksj okrkoj.k l æakh i Hkkoka dh 'krZ ds vekhu gsrh gš tks i ; kZr i kškkkj vksj dŕ kš.k ds chip fujrjrk ea Qjcnj mRi lu dj l drh gš
ipk; r	xte ifj"kn
ifjuš/y	; g vofek ifji Do vofek ds 28 l lrg i jš gkus l s vkjEHk gŕZ ekuh tkrh gš vksj bl ds l ekr gkus dks fHkuu&fHkuu : i ea ifjHkkf"kr fd; k tkr gš tks tle ds ckn , d l lrg l spkj l lrg rd gš
ifjuš/y eR; qnj	xHkkzLFkk ds 28 l lrg dh vofek l sydj i l o ds ckn ds thou ds l kr fnuka l s de dh vofek ds nks ku gŕZ eR; q i fr 1000 tles cPps
	Hkk eR; q, d l lrg l s de vofek ds vñj gŕZ mu cPpka dh eks-ka
ifjuš/y eR; qnj	dh l a ftudk otu tle ds l e; 1000 xte Fkk × 1000 $\text{ifjuš/y eR; qnj} = \frac{\text{tle ds l e; d } 1000 \text{ xte l svf/ld otu okys cPpka dh dny l ũ; k}}{\text{tle ds l e; d } 1000 \text{ xte l svf/ld otu okys cPpka dh dny l ũ; k}}$
i l okškj	; g vofek tle ds ckn 'kq gŕZ vofek ekuh tkrh gš
Ldny&iwZ dh fLFkr okyk cPpk	3&6 o"lz ds vk; & l eng dk cPpka bl vofek dk foLrkj yxHkx rhu o"lz l s ydj i kp ; k N% o"lz dh vk; qea vksj pkfjd Ldny ea i dš k gkus rd dh vk; q rd gš
i kFked LokLF; dñz	fdl h ifjHkkf"kr Hkkšksfyd {ks= ea jg jgs ykška ds fy, foLrR ½ fujkškd] i kRl kgd vksj mi pkj kRed ½ LokLF; l j {kk l øk, a mi yCek djkus ds fy, dkbz l LFkuA
i Ddk	LFkk; h fuekZ.k
; ød eMy	; økvka dk l æBu



vuyxud

vkdnfed vksj foũkh; fn'kkfunʒk

i fØ; k l æakh l keld; fn'kkfunʒk

ed; l ello; d dh Hkfedk

i fj; kstuk dseŋ; l ello; d l æ) dkj l febr
dk xBu bl izdkj gS%vè; ; u dh ixfr l sl æækr
vkofekd l eh{kk djuh gkrh gA ijke'khrkj MKW
v'kkcd dækj l a Ør funʒkd ¼ h l h¼ Jh , -ds ulnkj
i fj; kstuk izækd vksj MKW/Mh-Mh- i kA/ l gk; d funʒkdA
l eh{kk ea; g l ŋuf'pr fd; k tkuk pkfg, fd vè; ; u
dk dk; kØo; u] vfire : i fn, x, fMtkbu vksj
l e; & l hek ds vuŋ kj fd; k tk, A ed; l ello; d
dksLVkQ dh fu; ØDr] ; k=k l sl æækr foũkh; eat:ij; ka
vksj vè; ; u l sl æækr vl; vko'; drkvka tS sdk; Z
l e; l s ijs djus ds fy, izkkl u vksj vdknfed
ny dschp l ello; ea l ŋoekk ink u dh Hkh vko'; drk
gA

2- ed; l ello; d] vkæMk l æg.k ny
xfBr djuk vksj ed; ky; , oa {ks=h; dØnka ds chp
rFkk ed; ky; ds nyka ds vanj dk; Z rFkk ueuuk
i fj; kstukvka dk forj.k Hkh l ŋuf'pr djxka , d
ckj vè; ; u ds fy, vuŋ ŋip; ka@VW l dks vfire
: i nsfn, tkus ij budk epz k ed; ky; eafd; k
tk, xka bl dk; Z ds l kFk tM+ l æk; l nL; gS &
Jh ds ds fl g] MKW v'kkcd dækj MKW l æ; k xØrk vksj
Jh , p-i-h tks khA os; g l ŋuf'pr djæsfed foFHku
pj.kka eafd, x, ifjorũ vksj fn, x, l Hkh l Ø-koka
dkʒ izdk'ku vfekdkjh dks epz k ds fy, blga Hksts
tkus l s igyʒ bu vuŋ ŋip; ka ea 'kkfey dj fy; k
x; k gA izdk'ku vfekdkjh dks; g funʒk fn, tkus
pkfg, afd og blga 10"x4" ds vkækj ds QkMjka ea

fjQkeM dj k, vksj i R; d l ŋh dsfy, fhkuu vad ea
Ni okusgrqvud ŋh ds byDVkfud otũ dk blæky
djA

**ed; ky; vksj {ks=h; dØnka ea dkj nyka
dk xBu**

3- i R; d ny ea vè; ; u dsfy, fui fl M
dk , d fu; fer l æk; l nL; vksj rnFkz vkekj ij
fu; Ør fd, x, nks i fj; kstuk l gk; d gkæA fui fl M
ds ed; ky; @{ks=h; dØnz dk fu; fer l æk; l nL;
QhYM ea vkæMk ds l æg.k l æakh dk; Zdyki ka dk
l ello; djus vksj ny ds urk ds: i eadke djus ds
fy, ftEenkj gkska l æk; l sigpku fd, x, ny
ds urkvka dks vuŋ æku rFkk QhYM l æakh vuŋko
gkrk gSvksj os l eŋdr cky fodkl l øk l sfo'kSk : i
l sifjpr gkrsgA i R; d {ks=h; dØnzea, d dkj ny
vksj ed; ky; ea nks dkj ny gkæA

4- dkj ny ds xBu dk l ello; fui fl M
ed; ky; ea ed; l ello; d }kjk vksj {ks=h; dØnka ea
l ello; d ¼{ks=h; funʒkd k}kjk fd; k tk, xka vè; ; u
dsfy, pps x, vksj ed; ky; rFkk {ks=h; dØnka dks
vkæVr ueuseal svkæM+ l æg.k dsfy, i fj; kstuk, a
ny dks nh tkrh gA ; g l ŋuf'pr fd, tkus dh
vko'; drk gSfd pps x, ueus dk LFku n'kkzsgg]
ed; ky; }kjk rS kj fd, x, ekufp= eafn [kk, x,
vkl & ikl dsftyka l snyka dsfy, i fj; kstuk, a, d
l kFk j [kh tk, a bl l } ny dks , d i fj; kstuk l s
ni jh i fj; kstuk ea 'kh?kz tkus ea l ŋoekk feysch vksj
bl l s l e; rFkk æku ds fgl kc l s fdQk; rh gkska
bl vuŋko ds l kFk ; k=k dh ; kstuk cukbz tkuh
pkfg, A



I efd r cky fodkl I d kvka ds rhu n'kd&, d eW; ka du

5- I ello; d] dkj ny ds l nL; ka ds nks k dk; Øeka dk vupeknu djs xkA ny@nyka ds; k=k&i Fk dk pkVZ bl izdkj r\$ kj fd; k tkuk pkfg,] ftl ea , d ifj; kst uk l sni jh ifj; kst uk eamudh ; k=k dh rkjh[kan'kkbzxbz gka vkadMka ds l æg.k dh vofek ds fy, e[; ky; vks {ks=h; dlnka dh ; k=k ; kst ukvka dks l efd r fd; k tkuk pkfg, vks e[; I ello; d MKW , -ds xki ky dks Hkst k tkuk pkfg, A vpkud nks djs vks vuwrh dkj bkbz djs dks l foekktud cukus ds fy, ; s ; kst uk, a l ello; d ds ikl mi ycek gksuh pkfg, A

6- ny ds usrk] iR; d rhu l nL; h; vks ny ds fy, nks ifjx.kdka dk p; u djs ftl ds ifj.kkeLo: i QhYM ea vkadMka dk l æg.k djs ds fy, ftEenkj 9 0; fDr 1/3 \$ 6 1/2 gks tk, æA blga rhu nyka ea foHkfr fd; k tk, xkj ftuea , d l æk; l nL; @rnFkz ifj; kst uk l gk; d vks vkadMka ds l æg.k ds fy, tkt vkekkj ij LFkkuh; : i l spqs x, nks ifjx.kd gkaA

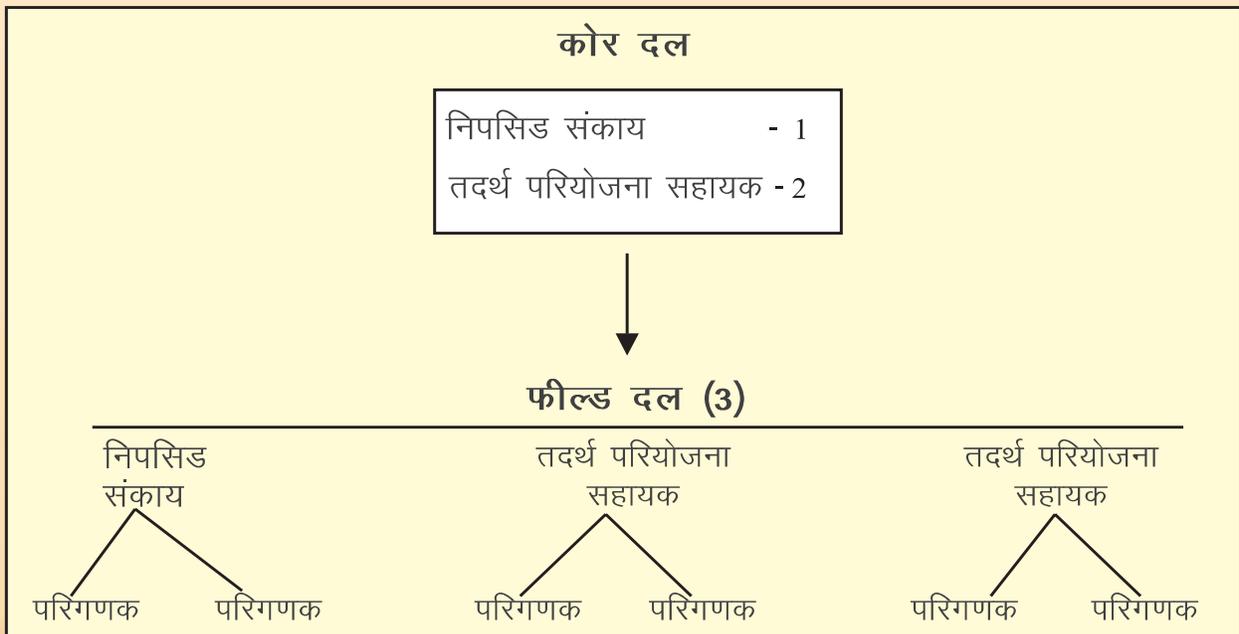
7- ny ds usrk ds : i ea dk; Z dj jgs fui fl M ds fu; fer l æk; l nL;] ifj; kst uk@

vkauokMka dlnka dk forj.k djs ds fy, vius foodkfedkj vks fu.kz dk blreky dj l drsgA

i fjx.kdka dk p; u

8- ifj; kst ukvka ds LFkku ij fuHkj djs gq e[; ky; @{ks=h; dlnka ij l ello; d , d l æBu@l LFkku dh igpku djs gq tgka ifjx.kdka ds fy, l Hkfor vH; fFkz, ka ds l k{kkRdkj] vkadMka ds l æg.k dh ; kst uk ds vuq kj fuekkZjr rkjh[kka ij fd, tk, æA ifji=@mi ycek l Eidka ds eke; e l s vè; ; u ds fy, vko' ; drkvka ds vuq kj ck; k&MKVk , d= djs grq igys l sgh bu l æBuka@l LFkkuka ds l kFk l EidZfd; k tkuk pkfg, A bl dk ewy i k B vkxs fn; k x; k gA

9- p; u l fefr eany dk , d usrk] jkT; ds efgyk , oacky fodkl foHkx dk , d ifrfufek] ojH; r% i; bskd ds Lrj l s Åij dk vks ml l xBu dk ; k ogka l s, d ifrfufek tgka l k{kkRdkj fd, tk jgs gq 1/4, MCY; W/hl h] xj&l jdkjh l æBu] , e, yVhl h] vdknfed vks rduhdh LFkku 1/2 'kkfey gks l drsgA



I ešdr cky fodkl I okvka ds rhu n'kd&, d eW; kađu

- i½ dk; bÜk rš kj fd; k tkuk pkfg, vksj ny ds usrk rFkk I fevr ds vU; I nL; ka }kjk bl ij gLrk{kj fd, tkus pkfg, A
- ii½ iLrkoj e[; ky; }kjk inku fd, x, fuekkfjr QkjesV ij ml h I e; fn; k tk, xkA bl e['krā' klfey gkch] ftuea ikfjJfed vksj ; k=k [kpZ vkfn tš h 'krā dk mYys[k gkskA bl vè; ; u ds fy, ifjx.kdka ds fy, fd, tkus okys iR; sd p; u ea bl dk , dl eku : i I s ikyu fd; k tk, xk ¼, d ifr vuqak ea I yXu gšA
- iii½ I onu'khy igyvkaij I puk iLr djus ds fy, mÜkj nus okyh efgykvka dks 'klfey djusokysvè; ; u ds QkdI dks è; ku eaj [krsqq nks ifjx.kdkaeal sde I s de , d efgyk vH; FkZ dk p; u fd; k tkuk pkfg, A pūh xbz efgyk vH; fFkZ ka dks vko'; d : i I s ; g ftEenkjh I kš h tkuh pkfg, fd osxHkZrh vksj Lruiku djkus okyh ekrkvka rFkk rhu I ky I s de vk; q ds cPpka dk I k{kRdkj yA
- iv½ pps x, ifjx.kdka dks iLrko Lohdkj djus I sigys I fpr fd; k tkuk pkfg, fd bl dk; Zdsfy, QhYM I cakh dke djuk iMf k gšvksj I ešdr cky fodkl I ok ds n[&njkt ds {ks=ka ea ; k=k djuh iMf h gš ; fn ifjx.kd , d ifj; kstuk ds vkadMka dk I xg.k ijk fd, fcuk ukšjh NkM+nrs gš rks fd, x, dke dsfy, mlGadkbZ Hkq rku ugha fd; k tk, xkA

ifjx.kdka dk if'k{k.k

- 10- ifjx.kdka ds p; u ds ckn] ml QhYM dš i ea ny ds usrk }kjk if'k{k.k@vflke[khdj .k fy; k tk, xk] tgka ifjx.kdka dk p; u fd; k x; k FkkA ; g ftyk e[; ky; @rduhdh I lFkku vksj , e , y Vh I h@, MGY; wVh I h gks I drs gš if'k{k.k dk m[š;] vkadMka ds I xg.k ds vWl vksj ifØ; k I s ifjx.kdka dks ifjpr djuk gš
- ny ds usrk] ifjx.kdka ds vflke[khdj .k dh ; kstuk cuk, xš ft I eafuEufyf[kr fo"k; &oLrq doj dh tk, xh%
- d½ I ešdr cky fodkl I ok ; kstuk dk vflke[khdj .ka
- [k½ vk; qds vuq kj otu yuk vksj I ykVxkA
- x½ vuq fip; ka Hkj uk ¼ykHkxkfg; ka dh vuq fip; kšA
- ?k½ I k{kRdkj dh rduhda
- M-½ vuqko vksj ekvI I = ij 0; kogkfj d vuqko j [kus okys 0; fDrA
- ny ds usrk dks if'k{k.k ds n[š ku bl rky djus vksj I anHkZ ds fy, vius ikl I ešdr cky fodkl I ok ; kstuk dh vksj 'fd' kš h ; kstuk* dh ifr; ka j [kuh pkfg, A
- ml s if'k{k.k vksj QhYM I cakh dk; Z ds fy, vius I kFk i xfr dk M[š Os u] i š I yš j cMš y[ku I kexh] Qkby vksj Qkby ckmZ j [kus pkfg, A



I efdR cky fodkl I okvka ds rhu n'kd&, d eW; ka du

I alkjra:

- vuq akku ny dk; vkadMka dk I xg.k djus ds fy, QhYM ea, d I kFk ; k=k djuh pkfg, A I efdR cky fodkl I ok dsLVkQ vksj LFkkuh; I epk; dh I gk; rk ikr djus oky; ny ds urk dks I jf{kr vksj fdQk; rh ykltax dh 0; oLFkk djuh pkfg, A
- vkadMka ds I xg.k dk dke vkjkk djus I sigys I efdR cky fodkl I ok ds inkfekdkfj; ka@ I epk; ds 0; fDr; ka ds I kFk ny dk ifjp; vksj I EidZ dj; k tkuk pkfg, A
- iR; d ny ea fui fI M ds, d fu; fer I dk; I nL; @rnFkZ ifj; kstuk I gk; d vksj QhYM ea fdjk, ij j [ksx, nks ifjx.kdka okys rhu ny fofHku vkxuokMka dlnka@ifj; kstuk ea Hksts tkus pkfg, A ; g ; kstuk ny ds urk }jkj cukbz tk, xhA

12- ifj; kstuk Lrj ij fd, tkus okys dk; Z

i½ cky fodkl ifj; kstuk vfejdkjh ds dk; kzy; ea ; k ijLij I gefr okys

LFkk ij cBd djus ds fy, I efekr cky fodkl ifj; kstuk vfejdkjh@ i; bskd ds I kFk igysl sl e; fuekkZjr djuka

ii½ ifj; kstuk dsekufp= dk voykdu djuk vksj de I s de nks i; bskdh; I fdzy doj djus okyh ifj; kstuk ds ikp vkxuokMka dlnka dk p; u djuka

iii½ I efekr vkxuokMka dlnka ea vkadMka ds I xg.k ea I foekk igpkus ds fy, i; bskd@vkxuokMka dk; bkrZ ds fy, cky fodkl I okvka vfejdkjh dsdk; kzy; I sl ipuk@i= iki r fd; k tkuk pkfg,

iv½ ifj; kstuk eQ; ky; ea jgrs gq QhYM I ello; d] cky fodkl ifj; kstuk vfejdkjh dk I k{kkRdkj ys I drs gA

v½ LokLF; tkp vkfn I sl efekr I ipuk ds fy, fpdfRI k vfejdkjh@, y , p oh@ ih , p , u@ , , u , e tS s LokLF; inkfekdkfj; ka I s Hkh I EidZ fd; k tkuk pkfg, A

vi½ obax I cakh dkskyka dh fuxjkuh djus dsfy, cky fodkl ifj; kstuk vfejdkjh dsdk; kzy; I s, d obax Ldsy dh 0; oLFkk djuka

ny ds urk dh fof'k'V ftEenkfj; ka

ny dk urk] rhuka nyka ds I exz I ello; d vksj i; bskd ds: i eadke djsxka og fuEufyf[kr dk; Z djsxk%

i½ fn'kkfunZ kka ds vuq kj vkadMka ds I xg.k ds fy, ifjx.kdka dh Hkjrh djuka

ii½ vuq fip; ka Hkjus ea ifjx.kdka dks i f'kf{kr djuk

iii½ ifj; kstuk Lrj ij cky fodkl ifj; kstuk vfejdkjh vksj I efdR cky fodkl I ok ds ftyk dk; De vfejdkjh ds I kFk I EidZ LFkkfir djuka

iv½ vkadMka ds I xg.k dh 0; oLFkk djuk rkfd fuekkZjr I e; ds vni j iR; d vkxuokMka {ks= ea vi f{kr I q; k ea I k{kkRdkj I ektr fd, tk I dA

v½ tgka vko'; d gk; mu {ks=ka ea LFkkuh; Hkk"kk ds nHkkf"k; s dh 0; oLFkk djuka



I ešdr cky fodkl I okvka ds rhu n'kd&, d eW; kađu

vii½ ij; kstuk ds fy, ijh dh xbz fi Nyh
, e ih vkj dh ifr yuKA

viii½ ppus x, iR; d vkxuokMh dšnz ds
tul ĩ; k l eakh C; kjš ; fn miycək gkš
, d= fd, tk l drsgA

13- vkxuokMh Lrj ij fd, tkusokys dk; Z

i½ vkxuokMh dšnz dk nšjk djrs l e; iR; d
ifjx.kd dks vi us l kFk fuEufyf[kr oLrq ays
tkuh pkfg, %

d½ LFkkuh; {ks=h; Hkk"kk ea iz uka dk 'kCn'k%
: i karjA

[k½ l k{kkRdkj fd, tkus ds fy, l Hkkfor
iR; d Jskh ds ykHkxkfg; kadsfy, i; kZr
l ĩ; k ea vuq fp; kA

x½ i ĩl y] 'kki Zuj vkš jcM+rFkk , d VŠA

?k½ Okby vkš Okby ckMA

iii½ fd l h ij; kstuk ds vkxuokMh dšnz ea i gpus
ij ifjx.kd }kjk dk; Že ds i nřekdkfj; ka dks
nšjs ds mšš; ds ckjs ea l ĩki ea crk; k tkuk
pkfg, A Li "V : i l s; g crk; k tkuk pkfg,
fd l ešdr cky fodkl I ok dk eW; kađu]
efgyk , oa cky fodkl foHkkx] Hkkjr l jdkj
ds vuqkək ij l LFkku }kjk fd; k tk jgk gA
mlga; g Hkh crk; k tkuk pkfg, fd l ešdr
cky fodkl I ok ds dk; kžo; u ea l qkšj djus
ds mšš; l s, d k fd; k tk jgk gš vkš os
l kkkk; 'kkyh gšfd bl iz kl ea os bl dk; Z
dk , d Hkkx gA

iii½ ykHkxkfg; ka l s iR; qkš i klr djus ds dke dks
l fpkk tud cukusdsfy, vkxuokMh dk; Zrkž/ka
vkš gš ij ka ds l kFk l Ei dz LFkfi r djus gšq
; g vko'; d gšfd bl ea i; kZr l e; yxk; k
tk, A

iv½ ny ds urk dks ueuk ykHkxkfg; ka ds p; u dk
i; bšk.k djuk gskx vkš l ello; djuk gskxA

v½ ny ds urk }kjk ifjokj dh vuq ph vkš
foHkku Jš.k; ka ds ykHkxkfg; ka dh vuq fp; ka
ijh djusdsfy, l eškr ifjokj kads i kl tkus
dk dke ifjx.kdka dks l kš uk gskxA

vii½ ny ds urk dks vkxuokMh dšnz ds Lrj ij
vokyadu djuk gskx vkš vkxuokMh dk; Zrkž/ka
rFkk l eškr i; bšk dh vuq ph ijh djuh
gskxA

viii½ l kmpk; r urk@ipk; rh jkt l LFkku@rFkk
v/; ki dka dk l k{kkRdkj l e; dh miyc/krk
dks nškrs gq ny ds fd l h l nL; dks fy; k
tkuk pkfg, A

14- ueuk i fjokjka dk p; u

i½ vkxuokMh dšnz ea vkxuokMh dk; Zrkž/ka }kjk
j [ks x, jftLVjka vkš fjdkMka dks i <škr rFkk
ykHkxkfg; ka dh Jš.k; kaeal sJskh dk ; knfPNd
p; u djA ml Jskh fo'kš ea l phc) fd,
x, dgy ykHkxkfg; kaeal sBMRbx ykVt @fpVp
}kjk uhps n'kž h xbz vi škr l ĩ; k ea ueuk
ykHkxkfg; ka dk p; u djA

doj fd, tkus oyks ykHkxkfg; ka@mUkj nus
okys vl; 0; fDr; ka dh l ĩ; k fuEufyf[kr
gskxh%

- 1- xHkžrh efgyk, a 4
- 2- Lruiku djkus okyh ekrk, a
¼tuds 0&6 eghus ds cPps gš 4
- 3- 6 eghus l s 3 o"lž rd ds cPpka
okyh ekrk, a 5
- 4- 3&6 o"lž rd ds cPpka okyh ekrk, a 5
- 5- iztuu vk; q l eng ¼15&45 o"lž ea
ekrk, a 5



I efd r cky fodkl I okvka ds rhu n'kd&, d eW; ka du

- ykHkxtfg; ka dh mi jkDr Jf.k; ka 1/2e I a; k 1&15/2 ea l s i R; d ds fy, ifjokj vuq ph Hkjh tk, xhA ; fn , d ifjokj ea l s uenus ds vrxr , d l svfekd ykHkxtgh vkrsgsrks ml ifjokj ds pps x, I Hkh ykHkxtfg; ka ds fy, dny , d gh ifjokj vuq ph Hkjh tk, xh] ftl ea ifjokj vuq ph ij fy [ks x, funs kka ds vuq kj I Hkh vuq fip; ka dks ijLij I Ec) djrs gq I koekkuhi id d dksMax nh tk, xhA

ii/ I Hkh vuq fip; ka ea igys i" B ij , d igpku vkadMk 'khV gsrh gS ftl ea izu I a; k 8&10 gsrh gsrkfd , d: irk cuk, j [kh tk l ds vks] vuq fip; ka dks l gc) fd; k tk l dA

1/d 1/2 izu I a; k 3]4 vks 5 ds fy, ny ds I Hkh usrvka dks, d l ph mi ycek djkbz tk, xhA dny l ph ea l s pps x, uenus ds l keusfn, x, jkT;] fty svks I efd r cky fodkl I ok ifj; kstuk ds fy, dkM dk blreky djA

1/4 k 1/2 izu I a; k 7 ds fy, ml vkakuokMk fo'kks ds fy, ifj; kstuk@dlnzLrj ij mi ycek okLrfod dkM dk blreky djA

1/4 1/2 izu I a; k 8 ds fy, i R; d ifj; kstuk ds fy, i kp vkakuokMk dlnka dks doj fd; k tkuk gA dkM l svkjHk dja vks doj fd, x, vire vkakuokMk dlnz ds fy, dkM I a; k 5 ds l kFk l ektr djA

1/2 k 1/2 ; g ukv fd; k tk, fd izu I a; k 10 1/d 1/2 ea ykHkxtfg; ka dh I Hkh vuq fip; ka ea ykHkxtfg; ka dh Oe I a; k] ifjokj vuq ph ds rnuq ih izu I a; k 23 dkye 1/4 1/2 l s Hkjh tkuh pfg, A izu I a; k 10 1/4 k 1/2 ds fy, i R; d ykHkxtgh Jskh ds fy, ny dk usk Oe I a; k 1&5 nsx rkd ; g l fuf'pr fd; k tk

I ds fd vi f{kr I a; k ea l k{kkrdkj fd; k tk pprk gA

15- vuq fip; ka dks Hkj uk

i/ izu ml h Oe ea i nS tkus pfg, aftl Oe ea vuq ph eafn, x, gA

ii/ i R; [kj] izuka ds l keus l kQ&l kQ fy [ks tkus pfg, A

iii/ ^vki u , MM* izuka ea i R; [kj I kQ&l kQ Hkj s tkus pfg, A

iv/ I Hkh izu i nS tkus pfg, a vks dkbz Hkh izu vuq fip; k vekjk ugha NkMk tkuk pfg, a fdl h Hkh [kus dks [kkyh u NkMA , d l eku dksMax izkkyh vi ukbz tkuh pfg,] tks l Hkh vuq fip; ka ea fuEufyf [kr : i ea pysht%

dkM 0 & ^dkbz i R; [kj ugha ds fy, blreky fd; k tk, xhA

dkM 8 & ^ughatkurk* ds fy, blreky fd; k tk, xhA

dkM 9 & ^ykwugh ds fy, blreky fd; k tk, xh] tgladghaokLrfod I [; k Hkjh tkuh gka

; fn nks [kus [] gkarks 6 ds fy, [] HkjA

; fn rhu [kus [] gkarks [] HkjA

v/ cg&fodYi izuka e] tks Hkh mUkj] mUkj nsus okys 0; fDr }kj k fn; k tk, ml s l 1/4 Fkkz gka ; k l gh dk fu'kku 1/2 ekuk tkrk gS vks vU; i R; [kj ds fodYi @ [kkyh [kuka ea 0 1/4 Fkkz dkbz i R; [kj ugha Hkj tk, xhA vU; Fkk i R; d izu@en ds fy, Hkj tkus okyk



I efd r cky fodkl I d kvka ds rhu n'kd&, d eiv; ka du

- dkM] Lo; a iz u ea gh fofuekkzjr fd; k x; k gA
- vi½ cg&fodYih izuka ep iR; qkj dkj fn, x, mUkjka ea l s, d mUkj ea j [kus dk iz; kl djA rFkfi ; fn , d k ughafd; k tk l drk ; k dkbz l eL; k vk jgh gks rks i ktr gg mUkj@fVli .kh dks l kbM ea fy [ka viuh rjQ l s dkbz [kkuk u c<k, a ; k cuk, A
- vii½ vud fip; ka Hkjrsl e;] i f j x . k d k a d k s l p r d j a f d o s e v ; k a d u d j ; ; f n m U k j n s u s o k y s 0 ; f D r l k e f t d : i l s o k a n u h ; m U k j n s j g s g a o s l g h l p u k i k t r d j u s d s f y , l k o e k u h i m z l i n r k n d j l d r s g a b l d s f y , v k o ' ; d g s f d o s k v k j o k l r f o d m U k j f j d k m z d j u s d s f y , o s l p r v k j p k s l j g a
- viii½ vud ph ykxw djrs l e; f d l h h k h i z d k j l s h k s h k k o i w k z j o s k u g h a v i u k ; k t k u k p k f g , A
- ix½ izuka dk vuokn] vFkz ea Qjcn y fd, fcuk] LFkkuh; Hk'kk ea fd; k tkuk pkfg, A rFkfi l e f e k r v u d w f p ; k a d k s y k x w d j r s l e ;] i R ; q k j k a d k j d k m h d r i z k k y h d s v u d k j b l m i s ; d s f y , d k ; D e d h v u d p h e a n t z f d ; k t k u k p k f g , A
- x½ mUkj nsus okys 0; fDr }kjk fn, x, mUkj dks vud akkudrkz }kjk udkjk ugha tkuk pkfg, vkj vfuf'pr Hkkoka okyk jguk pkfg, A l kFk gh l kFk vud akkudrkz/ka dks vuofrcokkd okrkoj .k cuk, j [kuk pkfg, vkj eiv; ka du ckokkd Hkkoka ; k fVli f . k ; ka l s c p u k p k f g , A
- xi½ vud akkudrkz }kjk mUkj nsus okys 0; fDr dks l p k o k R e d f V l i f . k ; k a ; k l H k k f o r m U k j u g h a n s u k p k f g , A

16- vud fip; ka dh tkp vkj l R; ki u

- i½ ny ds usk dks QhYM ea de l s de , d ; k n k s v u d w f p ; k a H k j u s d h t k p d j u h p k f g , A
- ii½ ny ds usk dks i R ; d f n u i f j x . k d } k j k H k j h x b z v u d w f p ; k a d h t k p d j u h p k f g , v k j i R ; d v u d p h i j g L r k { k j d j u s p k f g , a ; f n d k b z [k k u s [k k y h N k M + f n , x , g a r k s v k a u o k m h d b n z d k { k s = N k M e u s l s i g y s m l u g a H k j k t k u k p k f g , A
- iii½ f d l h l n g d h f l F k r e a n y d s u s k d k j f u i f l M e q ; k y ; d s M k w , - d s x k i k y] v i j f u n s k d ¼ e - l h - ¼ ; k M k w v ' k k o d d e k j] l a p r f u n s k d l s l E i d z d j u k p k f g , A v e ; ; u d s f o U k h ; i z a k u v k j l H k j r a = d s l a c a k e a l H k h i n r k n l a p r f u n s k d ¼ h , l ½ d k s H k s t u h p k f g , r k f d r j a l e k e k u m i y c e k d j k ; k t k l d a

17- vud fip; ka dk <j yxkuk@i sdax

- i½ i R ; d v k a u o k m h d h v u d w f p ; k a d s i j s l s d k s f u e u f y f [k r i s t k a e a v y x D e c) d j a v k j c M y c u k , %

igyk isd

- v k a u o k m h d k ; d r k z i ; b s k d] , d i s d v
- v o y k d u v u d p h i h v k j v k b z @ l e p k ; d s u s k i f j o k j v u d p h , d l k F k c a k h g p z r n u q i h y k l k x t g h J s k h d h v u d p h] n i j k i s d v



**jkT; k@l ak 'kkfl r {k=k} ftyka vks i fj; kst ukvka
ds vuq kj pph xbZ vkuokMh; ka dh l pph**

jkT;	jkT;	ftyk		i fj; kst uk		vkuokMh dnz
dkM	uke	dkM	uke	dkM	uke	uke
01	vklkz i nsk	01	fpUkj	001	fr#i fr	1- , l Vhoh uxj
					½kteh. k½	2- fl xyk xq/k
						3- eupyk okeh
						4- fyXl okjuxj
						5- ; l knk uxj
		03	vullrij	003	fglnqj	1- l okefnj
					½kteh. k½	2- dkykmi kDdh
						3- yi kDI h&2
						4- yi kDI h&1
						5- pkykene
		02	fo'kk[kki Vue	003	Hkhefu i Vue	1- vxpki v/k
			½u; fer vktl Hh, l ½		½ kgj h½	2- pdyhi v/k g#vuki v/k
						3- ds emykdq q
						4- oekxksei ye
						5- ; gjz; eu
		04	djhouxj	004	fl jfl yk	1- xhrk uxj
			½u; fer vktl Hh, l ½		½kteh. k½	2- ciui Yyh
						3- i i kfyxi j
						4- uj l Ddki v/k
						5- cunkydy
		05	okjxy	005	, Vjhuxje	1- xei ukxMe
			½u; fer vktl Hh, l ½		½t utkrh; ½	2- ck#uLI ki j &2
						3- xksq Yyh



I efdr cky fodkl I dkkvka ds rhu n'kd&, d eW; kdu

jkt;	jkt;	fytK		ifj; kst uk		vlakuokMh dnrz
dkM	uke	dkM	uke	dkM	uke	uke
						4- f'koki je
						5- fpukckxui Yyh
		06	izdki e	006	vlakky	1- xMkeyk
			%u; fer vtbl hMh, l ½		%kteh. k½	2- xeYyi ys
						3- tEeyki ye
						4- dsdsVh- i ye
						5- t ; koje
		07	egcuxj	007	egcuxj	1- vli uki Yyh
			%u; fer vtbl hMh, l ½		%kteh. k½	2- ; lfnjk
						3- dks uxj
						4- i ji Yyh
						5- ef. kdkMk
02	v#.kpy inšk	01	yfyr	008	ukel bZ	1- ukel b&I
			%u; fer vtbl hMh, l ½		%t utkrh; ½	2- ukel b&I
						3- l eqI b&I
						4- nqI bZ
						5- , jkykuh
		02	iki eijs	009	nkbeqk vtbl hMh, l	1- yqkh , MCV; u h
			%u; fer vtbl hMh, l ½		%t utkrh; ½	2- cnjnok
						3- fØI rfu; k
						4- ekMy foYyst
						5- eVdku

I efdr cky fodkl I dkkvka ds rhu n'kd&, d eW; kdu

jkt;	jkt;	f tyk		i fj ; kst uk		vkuokMh dnrz
dkM	uke	dkM	uke	dkM	uke	uke
03	vle	01	ckji V/k	010	tkykg	1-ckjki j l
			%u; fer vtbl fVh, l ½		%kteh. k½	2-ddykckjh
						3-fnfgjk gkst q/k
						4-?kkj i kj l
						5-pkckj hi kj l
		02	dke: i	011	fnckfj ; k	1-yel e i kFkj
			%u; fer vtbl fVh, l ½		%kteh. k½	2-vejk i kFkj
						3-di ydVk
						4-yjh
						5-gykxkx
		03	fMck<+	012	yglSy	1-fgybekkj h
					%kteh. k½	2-fVkfMek#
						3-djnbcke
						4-vkty cfd Vh ,LVV
						5-jxfyfVx Vh ,LVV
		04	dfjfc; kxykx	013	gkck?kV	1-l j&, V gd s
			%u; fer vtbl fVh, l ½		%tutkrh; ½	2-iu , xVh
						3- , jk fMx[kky i kuh
						4-ekgjh jkxi h
						5-dgbz tj kx
		05	dNkj	014	y[kheij	1-gl fdi qth
			%u; fer vtbl fVh, l ½		%tutkrh; ½	2-vkM [kckn , oa ykyi kuh



I efdr cky fodkl I þokvka ds rhu n'kd&, d eW; kdu

jkt;	jkt;	f tyk		i fj ; kst uk		v l a u o k M h d n z
dkM	uke	dkM	uke	dkM	uke	uke
						3- dk' khi g
						4- dæycLrh
		06	frul f[k; k	015	frul f[k; k	1- fc". kq T; k&r
			¼u; fer v&bl h/h, l ½		¼ kj h½	2- x&yki f[k h
						3- æ&cl; ktjh eftvks i èh
						4- fel uikjk
						5- fgt&jh jyos efgyk l fefr
04	fcgkj	01	x; k	016	x; k	1- l yhei g
			¼u; fer v&bl h/h, l ½		¼ kj h½	2- x&gfjrj
						3- fl l k&j; k pl&kgk
						4- jkef' lyk i kgn
						5- jkenkui g
		02	i Vuk	017	fcØe	1- vktkn uxj
			¼u; fer v&bl h/h, l ½		¼&keh. k½	2- i v& bLV
						3- fcygkj h
						4- ckjkg
						5- efj ; kok
		03	v&j&ckn	018	uch uxj	1- tud ij
					¼&keh. k½	2- i kjfl ; k
						3- dk&j&t
						4- ckne
						5- ckdhz i kekh

I efdr cky fodkl I dkkvka ds rhu n'kd&, d eW; kdu

jkt;	jkt;	f tyk		i fj ; kst uk		vka uokMh dnz
dkM	uke	dkM	uke	dkM	uke	uke
		04	n jHkack	019	fcjkSy	1- Məj heè; k
			½u; fer vtbl H/h, I ½		½kteh. k½	2- rjokjk&II
						3- gš'h
						4- xekgfj ; k
						5- uorksyϕkj h
		05	dfVgkj	020	dkjgk	1- catkjk Vkyk
					½kteh. k½	2- I knij j tokMk okV
						3- vlfnokl h nkg Vkyk
						4- fouksnij
						5- c) bku
		06	tkeuh	021	y [khei g	1- dkygqk dōy
			½u; fer vtbl H/h, I ½		½kteh. k½	2- I kgoke [kpk Vkyk jRuki g
						3- fpuošj ; k if'pe
						4- xkš h if'pe
						5- rškkjk if'peh
05	NÜkhl x<+	01	I jxqt k	022	onjkQ uxj	1- xkšV; ki kMk
			½o'o cšd½		½kteh. k½	2- dϕkMkj k
						3- cj Vhdyk
						4- dkš/jkgh
						5- jkt [kš/k
		02	jk; i g	023	jk; i g	1- U; w jktšnz uxj
			½u; fer vtbl H/h, I ½		½ kgjh½	2- dkik ykšh i kMk



I efdr cky fodkl I okvka ds rhu n'kd&, d eW; kdu

jkt;	jkt;	ftyk		ifj; kst uk		vlakuokMh dnz
dkM	uke	dkM	uke	dkM	uke	uke
						3- NÜkhl x<+ uxj
						4- Mksfu; k&2
						5- ePNh rkykc&2
		03	jktun xkø	024	Mkæj x<+	1- vkn'kz vlakuokMh vplsyh
			%u; fer vtbl hVh, I ½		%kteh. k½	2- fl okutdyk
						3- yky cgknj uxj
						4- eakk
						5- fi Vsi uh
		04	cLrj	025	vkg Nk	1- vkg Nk
			%g&l jdkjh I xBu½		%tutkrh; ½	2- xki jh
						3- tcxMk
						4- dMkyk
						5- cfl u
06	xkøk	01	I kmFk xkøk	026	I kyl V/s	1- dklVsy okMks
			%u; fer vtbl hVh, I ½		%kteh. k½	2- xkbuNø HkV
						3- dkyok chip
						4- ekbØkø&1
						5- , dyVs
07	xqtjkr	01	jktdkW	027	jktdkW 'kgjh	1- ykæsoj I kd k; Vh
			%u; fer vtbl hVh, I ½		%kgjh½	2- gMdk&l h
						3- pleMki kjk
						4- I lxj uxj
						5- I kjk fFk; k lykW& ,

I efdr cky fodkl I dkkvka ds rhu n'kd&, d eW; kdu

jkt;	jkt;	f tyk		i fj ; kst uk		vluokuMh dnz
dkM	uke	dkM	uke	dkM	uke	uke
		02	dkBk	028	oko	1- Npk
			½j&l jdkjh l xBu½		½kteh. k½	2- eekdk&1
						3- f [kekukokl &1
						4- ekhek&1
						5- ekbl u
		03	dPN	029	ept	1- Hknz oj&2
			½j&l jdkjh l xBu½		½kteh. k½	2- Nkl jk
						3- rkl i j
						4- Hkqt i j &1
						5- ukuh freMh
		04	cg: p	030	>xfn; k	1- ekMk l kat k
			½u; fer vtbl hMh, l ½		½t utkrh; ½	2- ukuk l kat k
						3- fyekMjk
						4- dj kM
						5- Qyonh
		05	oMknjk	031	l q kMk	1- >k [kj i j k
			xqjkr dsi okuh vLV		½kteh. k½	2- ekMkl j
			ekdM ; nk l kvks			3- <kdy; k
			ckns q			4- vfy [kj ok
			l [kM] oMknjk ftyk			5- dfMyk
		06	i kVu	032	NksukLek	1- l jnkj i j k
			xkakh vkJe		½kteh. k½	2- tly i j



I efdr cky fodkl I kvk ds rhu n'kd&, d eW; kdu

jkt;	jkt;	f tyk		ifj; kst uk		vlakuokMh dnrz
dkM	uke	dkM	uke	dkM	uke	uke
			f tykj rg- NksukLek			3- tlyij&II
						4- djnk&I
						5- djMk&II
		07	l jr	033	exjky	1- ikykM&II
					½t utkrh; ½	2- rkjlnh&I
						3- ?kjc kn&I
						4- b'kkuij&I
						5- fl eknk&I
		08	tleuxj	034	t ketkiki j	1- l kekuk
			½u; fer vtbl hMh, l ½		½kteh. k½	2- ekj kDk&II
						3- cxkMjk&II
						4- uunkuk
						5- ekfgdh
		09	oyl kn	035	oyl kn&I	1- eyokn&I
			½u; fer vtbl hMh, l ½		½t utkrh; ½	2- vkyxke&II
						3- [ktj knh&I
						4- exkik&II
						5- HkxjkdM&5
		10	veusyh	036	jktgyk	1- ekjakh
			½u; fer vtbl hMh, l ½		½kteh. k½	2- nk&ek; kvlxk; k
						3- jkei jk
						4- jkti jnk
						5- ekkjsoj
		11-	uehk	037	unkM	1- dpykjijk
					½t utkrh; ½	2- Hkne
						3- xki ky ijk

I efdri cky fodkl I dkkvka ds rhu n'kd&, d eW; kdu

jkt;	jkt;	f tyk		i fj ; kst uk		v l a u o k M h d n z
dkM	uke	dkM	uke	dkM	uke	uke
						4- [kMxMk
						5- trikj
		12-	uol kjh	038	uol kjh&I	1-nVd
			½u; fer vtbl hVh, l ½		½kteh. k½	2- vl tnu
						3- l j i ku
						4- l ecyk
						5- i j k
08	gfj ; k. kk	01	vEcky	039	cj kMk	1- <dkyk&I
					½kteh. k½	2- tokj x<+
						3- ege ni j
						4- vekk s k
						5- FkEcM+
		02	xMxk	040	xMxk	1- <kMkgMk
			½u; fer vtbl hVh, l ½		½kteh. k½	2- o th j k c k n
						3- c l Y e h f d p k s k M
						4- f l d U n j i j ? k s g h
						5- p D d j i j
		03	i kuhi r	041	i kuhi r	1- j k t h o d k y k u h
			½u; fer vtbl hVh, l ½		½ k g j h ½	2- l s h e k g Y y k
						3- [kVhd cLrh
						4- d".kk uxj
						5- o k M Z u a 12
		04	fgl kj	042	gkl h&I	1- x j k u k & I
			½u; fer vtbl hVh, l ½		½kteh. k½	2- n r k
						3- e g t k n



I efdr cky fodkl I dkkvka ds rhu n'kd&, d eW; kdu

jkt;	jkt;	fTyk		ifj; kst uk		vluokMh dnrz
dkM	uke	dkM	uke	dkM	uke	uke
						4- niky
						5- gtkeijq
09	fgekpy i n'sk	01	dYyw	043	fuBj	1- ?kjkyh
			½u; fer vtbl hVh, I ½		½kteh. k½	2- fuBj
						3- xky
						4- csm
						5- NÜkh
		03	eMh	044	xkj	1- dkgkyq
			½u; fer vtbl hVh, I ½		½kteh. k½	2- ukü
						3- cxI h&I
						4- cxI h&II
						5- NNkbr
10-	tEew rFkk d'ehj	01	tEew	045	tEew	1- eBh dEi
			½u; fer vtbl hVh, I ½		½ kgjh½	2- eMtku
						3- xky ip fio
						4- tkxhxW
						5- jkenkl h cLrh
		02	meki j	046	meki j	1- I a 70 ½okMZ ua 12&13½
					½kteh. k½	2- I a 127 ½ubz cLrh½
						3- I a 47 ¼ [khdjYyb½
						4- I a 68 ¼ [khdjYyk ch½
						5- I a 14 ½cëy ,½



I efdr cky fodkl I dkkvka ds rhu n'kd&, d eW; kdu

jkt;	jkt;	f tyk		i fj ; kst uk		vkrakuokMh dnrz
dkM	uke	dkM	uke	dkM	uke	uke
		03	cMxk0	047	cMxk0	1- I kbzqk ¼ Mj½
					¼kteh. k½	2- gkat h i kjk
						3- gjkz ¼ Mj½
						4- xqccq
						5- ukfnj xM
		04	yg	048	yg	1-Ldk; txfya
			¼u; fer vtbl hMh, I ½		¼kteh. k½	2- okVj i Ei
						3- LdEi kjh&II
						4- tudef. k&I
						5- tudeudyh&II
11-	>kj [k.M	01	jkph	049	I nj	1-eekple gMy
			¼u; fer vtbl hMh, I ½		¼ kgjh½	2- gd y mjko Vkyh
						3- ekjkgcnh
						4- fgUnfi Mh Hksh pk&I
						5- fgUnw f' k' kq Hkou
		02	I j bdyk	050	I j bdyk	1- okMZ ua10
			¼o'o c&I½		¼t utkrh; ½	2- gV jkM
						3- nqkh
						4- ekfgrig
						5- I oknk
		03	I kgcxat	051	ckfj vks	1-fcpi jk
			¼u; fer vtbl hMh, I ½		¼t utkrh; ½	2- ryls ckfku



I efdr cky fodkl I okvka ds rhu n'kd&, d eW; kdu

jkt;	jkt;	f tyk		i fj; kst uk		vlauokMh dnr
dkM	uke	dkM	uke	dkM	uke	uke
						3- cj [kkj h
						4- eklnks
						5- ckth I fkyh
		04	terkjk	052	terkjk	1- jkuh xat
			1/fo'o c&l½		1/4tutkrh; ½	2- Hkxk
						3- <k&2
						4- d&h i jk&1
						5- gfj i jk
		05	iyekÅ	053	MkYVuxat	1- i k&jk [kqz
			1/4u; fer v&l hMh, I ½		1/4keh. k½	2- d&ok=h
						3- jktokMh i hz
						4- ykygbz
						5- I Ekkpd
12	duk/d	01	csyxke	054	csyxke	1- f'kokth uxj
			1/4u; fer v&l hMh, I ½		1/4kj h½	2- gd j
						3- frydokMh
						4- f'ko ckl ok uxj
						5- dkoy xyh
		02	chMj	055	ckl ok dY; k. kk	1- f'koki j
					1/4keh. k½	2- cVtxjk
						3- euFky
						4- I kjuk uxj
						5- xkmj

I ešdr cky fodkl I d'kvka ds rhu n'kd&, d eš; kdu

jkt;	jkt;	f tyk		i fj ; kst uk		vlakuokMh dšz
dkM	uke	dkM	uke	dkM	uke	uke
		03	fpdexyj	056	Jaxjh	1- f'kMys
					½t ut krh; ½	2- vī kxī s
						3- gk#j
						4- mykoYyh
						5- fxfufxuh
		04	xgycxl	057	fpūkki j	1- xMkxMh
					½kteh. k½	2- dšuj
						3- nōuVxuj
						4- djMky
						5- okPNk
		05	eš j	058	eš j	1- ekēkokxjs
			½u; fer vībl hMh, I ½		½kteh. k½	2- dkyL=keh
						3- dj gMh
						4- xqjky Nūjk
						5- fl Uekq oYyh
		06	rūdj	059	rūdj	1- 0; kFk
					½kteh. k½	2- dkj k&II
						3- dydj s
						4- cYyoh
						5- ukj xukgYyh
3	djy	01	dkYye	060	i Bkuki j e	1- v#oh Ygjk
			½u; fer vībl hMh, I ½		½kteh. k½	2- foykdMh



I ešdr cky fodkl I d'kvka ds rhu n'kd&, d eW; kdu

jkT;	jkT;	f tyk		i fj ; kst uk		vlakuokMh dnrz
dkM	uke	dkM	uke	dkM	uke	uke
						3- i êkTgh
						4- i ykTgh ukWZ
						5- fi jkouFkj
		02	, ukZlye	061	oMkopkM	1- , jli ði kjk
			¼u; fer vtbl hMh, l ½		¼kteh. k½	2- ukjhdqthi hfMdk
						3- etpuj
						4- djlkph
						5- i ðkudfj 'k
		03	dkf>dkM	062	'kgjh&7	1- otV fgy vcU
			¼u; fer vtbl hMh, l ½		¼kteh. k½	2- vfof; y
						3- xkêh jkM
						4- Nli kf; y
						5- i kyhdMh chp
		04	i yDdM	063	vêkli Mh	1- ol kdji j
			¼o'o cð½		¼tutkrh; ½	2- ukjhdjkli Mh
						3- , u- dkêkFjk
						4- ukj dkêkFjk
						5- doufMdy
14	eè; inšk	01	blnkš	064	blnkš 'kgj	1- f'kokth uxj
			¼š&l jdkjh l xBu½		¼'kgjh½	2- ukel b&I
						3- l dexkuh&II
						4- nqul bZ
						5- , jkykuh l Wj

I efdr cky fodkl I skvka ds rhu n'kd&, d eW; kdu

jkt;	jkt;	f tyk		i fj ; kst uk		vlaxuokMh dnrz
dkM	uke	dkM	uke	dkM	uke	uke
		02	>cpk	065	tkcV	1- dklq xte
			%u; fer vtbl hVh, l ½		%t utkrh; ½	2- chpQfyr; k
						3- beyh Qfy; k
						4- dkyh dklj
						5- ?kkl ; k tkcV
		03	crny	066	?kij kMkxjh	1- cktkjkkuk ua 1
			%u; fer vtbl hVh, l ½		%t utkrh; ½	2- l kyhekkuk&1
						3- ckanhekkuk
						4- dNkonh&1
						5- egdkj&2
		04	enl kj	067	fl rkem	1- frrjkn&2
			%u; fer vtbl hVh, l ½		%kteh. k½	2- ykMq&3
						3- l pkl jk&1
						4- D; kei pk&5
						5- [kMk
		05	fikM	068	egxw	1- uhexkø
					%kteh. k½	2- [krek
						3- egMkyh&1
						4- l ksh&2
						5- dY; k. ki j
		06	j hok	069	djNfy; k	1- jkeub&2
					%kteh. k½	2- fl jf[kuh



I efdr cky fodkl I kvk ds rhu n'kd&, d eW; kdu

jkt;	jkt;	f tyk		i fj ; kst uk		vlakuokMh dnz
dkM	uke	dkM	uke	dkM	uke	uke
						3- l lxjk&2
						4- bVkojk
						5- efudokj
		07	l lxj	070	jgyh	1- d<Fk
			¼u; fer vtbl fVh, l ½		¼kteh. k½	2- l atkjk
						3- i kjfl ; k
						4- jkmuch
						5- pljbz
		08	fl vkuh	071	fd ; ksjkh	1- eykjh
			¼u; fer vtbl fVh, l ½		¼kteh. k½	2- eykjk
						3- l k[kj
						4- fNnk
						5- ekfj ; k
15-	egjk"Vª	01	e[cbz	072	ekk#bz	1- jkekcbz uxj
			¼u; fer vtbl fVh, l ½		¼kteh. k½	2- i pfl Ydl kbM eMy
						3- e[lye uxj
						4- dykfdYyk
						5- thou T; kfr l kd kbVh
		02	x<fpjkyh	073	plekj l h	1- rkykjh
			¼u; fer vtbl fVh, l ½		¼tutkrh; ½	2- oyl kjk
						3- Jhfuokl i gh
						4- dkd kjh
						5- t; jkeij

I eðdr cky fodkl I okvka ds rhu n'kd&, d eW; kðu

jkt;	jkt;	f tyk		i fj; kst uk		vkauokMh dnrz
dkM	uke	dkM	uke	dkM	uke	uke
		03	ukfl d	074	fnuMkj h	1- i Mkus
			½u; fer vtbl hMh, I ½		½t utkrh; ½	2- fuxMky
						3- fi Eijh vpyk
						4- uyoknh
						5- uyokn i kMk
		04	vejkorh	075	frol k	1- i fyl vkauokMh
			½u; fer vtbl hMh, I ½		½kteh. k½	2- 'kuntuk elgkj k
						3- 'kuntuk cktkj
						4- xq nð uxj
						5- f'kjkt xkð
15	egjk"Vª	05	chM	076	vEck tksbz	1- 'ki okMh
			½u; fer vtbl hMh, I ½		½kteh. k½	2- tksbz okMh
						3- Toky xkð
						4- Hkkjkt
						5- unxkð
		06	I kxyh	077	okyok	1- okyok&1
			½u; fer vtbl hMh, I ½		½kteh. k½	2- okyok&2
						3- rRdkjh
						4- ckj xkxkð
						5- dkekjh
		07	tyxkð	078	, jsMky	1- rkyh
			½u; fer vtbl hMh, I ½		½kteh. k½	2- fo[kju



I efdr cky fodkl I kvk ds rhu n'kd&, d eW; kdu

jkt;	jkt;	f tyk		i fj; kst uk		vkauokMh dnr
dkM	uke	dkM	uke	dkM	uke	uke
						3- oku [kkv&3
						4- tkyq
						5- fi ui ydkBk&2
		08	dkv gki j	079	djohj	1- vEckokMh&1
					½kteh. k½	2- vEckokMh&2
						3- mp xk&1
						4- mp xk&2
						5- djyh
16-	ef.kij	01	I siki fr	080	ekvkkejje	1- ekjke [kyyyik
			½u; fer vtbl fMh, I ½		½t utkrh; ½	2- i qkukebZ
						3- rMqh&ch
						4- ekje uikyh
						5- I siki fr& ,
17-	e9kky;	01	t; flr; k fgYI	081	FkkMyLdjhe	1- fvj 'kax
			½u; fer vtbl fMh, I ½		½t utkrh; ½	2- ujfV; x I kmFk
						3- ukxckg yepj
						4- I kgfeufVx oL.V
						5- yfI kckg
18-	fetkje	01	dkykfl c	082	fFlakkyoky	1- fFlakkyoky&5
			½u; fer vtbl fMh, I ½		½t utkrh; ½	2- fFlakkyoky&2
						3- dkykfl c&2
						4- dkykfl c&1
						5- dkykfl c&4



I efdr cky fodkl I dkkvka ds rhu n'kd&, d eW; kdu

jkt;	jkt;	f tyk		i fj ; kst uk		vkauokMh dnrz
dkM	uke	dkM	uke	dkM	uke	uke
19-	ukxkyM	01	eksu	083	ekfuDM†	1- i ki kax
			½u; fer vtbl hMh, I ½		½t utkrh; ½	2- , MhI h dkykuh
						3- Mksyl dkykuh
						4- Okbu fcxM
						5- Mh-ch- dkykuh
		02	ikjsu	084	tkyptbz	1- tkyptb&I
			½o'o c&½		½t utkrh; ½	2- I eft ; gjke&II
						3- I eft ; gjke&I
						4- Eg&kfefl &II
						5- Eg&kfefl &III
20-	mMhl k	01	vaxy	085	i Yykgjk	1-f>feji Yyh
			½o'o c&½		½kkeh. k½	2- cfrI pku
						3- durkyk
						4- Mkyks
						5- tkdki kuh
		02	u; kl kjk	086	il i Yyk	1- ikVuij i Vuk
			½u; fer vtbl hMh, I ½		½kkeh. k½	2- [k&Mk i kMk
						3- tkjh i kFk
						4- nhuk xkø
						5- xMk I kgh
		03	dVd	087	egllxk	1- tgkyk
			½u; fer vtbl hMh, I ½		½kkeh. k½	2- fngk I kgh



I efdr cky fodkl I okvka ds rhu n'kd&, d eW; k&du

jkt;	jkt;	f tyk		i fj; kst uk		vlakuokMh dnrz
dkM	uke	dkM	uke	dkM	uke	uke
						3- i MjcfV; k
						4- tkysj&01
						5- i l yMk
		04	xat e	088	[kyhdk/s	1- Hkst hi W
					Wkkeh. k½	2- fl ækMki Fk
						3- ckyWj
						4- plnhi hB
						5- ukFlgk&I
		05	dygkMh	089	ci kVuk	1- eki kui kMk
			Wu; fer vtbl hMh, l ½		W kgjh½	2- Vh oh l Wj i kMk
						3- dkfyekMj i kMh
						4- jkeI xkj i kMk
						5- xq kfcuMUu
		06	e; jHkat	090	dfi fVi kMk	1- jFkMkMk l kbZ
			W'o'o c&½		Wtutkrh; ½	2- l jcuk
						3- l lkykxfM; k
						4- MqMj; k
						5- i kj l ckuh
		07	dkkkey	091	ckyhxMk	1- M&Mk i Mj&I
			Wu; fer vtbl hMh, l ½		Wtutkrh; ½	2- fl rjnl kgh
						3- gfj tu l kFk
						4- fefM; kfd; k
						5- eMki kMk



I efdr cky fodkl I dkkvka ds rhu n'kd&, d eW; kdu

jkt;	jkt;	f tyk		i fj ; kst uk		vka uokMh dnrz
dkM	uke	dkM	uke	dkM	uke	uke
		08	I tñjx<+	092	ykgkuhi kMk	1- xeybz
			¼o'o c&½		¼t utkrh; ½	2- xMi Yyh
						3- fcj Vksyk
						4- [k/xkø
						5- dj Mk
21-	i atkc	01	verlj	093	j\$; k	1- eVvk
			¼u; fer vtbl hMh, I ½		¼kteh. k½	2- cVkyk
						3- f[kyfp; u
						4- C; kl
						5- cck&c[kkyk
		02	xj nkl ij	094	i BludkV	1- eydi j
			¼u; fer vtbl hMh, I ½		¼kteh. k½	2- Q&fj ; ku
						3- Hkkok
						4- d\$yk'ki j
						5- cnkyh[kM
		03	yfek; kuk	095	yfek; kuk	1- bLykexat I Wj I a 17
			¼u; fer vtbl hMh, I ½		¼kgjh½	2- bLyke xk&V I Wj I a 20
						3- vCnkyki j cLrh I Wj I a 36
						4- vCnkyki j cLrh I Wj I a 37
						5- f'keyk ijh I Wj I a 73
		04	ifv; kyk	096	Hk&jgkj h	1- nhoku
			¼u; fer vtbl hMh, I ½		¼kteh. k½	2- c&g#



I efdr cky fodkl I okvka ds rhu n'kd&, d eW; kdu

jkt;	jkt;	f tyk		i fj ; kst uk		vlakuokMh dnrz
dkM	uke	dkM	uke	dkM	uke	uke
						3- i fu; k[kkuk
						4- Hkuj gMh
						5- ehjki g
		05	l x: j	097	ygjxlxk	1- vdbkl
			½u; fer vtbl hMh, l ½		½kteh. k½	2- ykny
						3- l knh gjh
						4- eud
						5- NkV; u
22-	jktLFku	01	chdkuj	098	dkyk; r	1- eM& ,
			mjeW fl eur		½kteh. k½	2- dkykl j otLV
						3- xfj; kyk
						4- [kjhjukuk
						5- xakki gk
		02	ckMej	099	ckMej	1- jkel j&II
			½u; fer vtbl hMh, l ½		½kteh. k½	2- egckj
						3- [knhu
						4- utstt at j
						5- l jk ujikVk
		03	mn; i g	100	ekfj ; kokM	1- nfc; k[kMk
			½u; fer vtbl hMh, l ½		½t utkrh; ½	2- dpu&I
						3- ekokMh
						4- [k/k&3
						5- t; [kMtyk



I efdr cky fodkl I dkkvka ds rhu n'kd&, d eW; kdu

jkt;	jkt;	f tyk		i fj ; kst uk		vkrxukMh dnr
dkM	uke	dkM	uke	dkM	uke	uke
		04	dkk/k	101	DoNj	1- ekMk
			%u; fer vtbl h/h, l ½		%kteh. k½	2- tykeh&I
						3- l gjkon&I
						4- l pdr
						5- [kjckn&I
		05	Hkjrij	102	Hkjrij	1-Rokn l Mel
			%u; fer vtbl h/h, l ½		¼ kgjh½	2- uru fo k efinj
						3- txfgukxV
						4- tjkk/ ekgyyk
						5- ufn; k ekgyyk
		06	t ; ij	103	xlfon x<+	1- cjkdhMkj h
			%u; fer vtbl h/h, l ½		%kteh. k½	2- Mkmj kj h
						3- Mkmj l j
						4- cixMkcdk ckl
						5- t& ij h
23	fl fDde	01	i whl fl fDde	104	fl xre	1- [kkuh [kkyk
					%kteh. k½	2- yksj ftVyx
						3- ckj Mka
						4- vij ftVylax
						5- jgsukbl pkyI h
24	rfeyukMq	01	pblubz	105	pblubz	1- th-ds, e- dkyksh
			%u; fer vtbl h/h, l ½		¼ kgjh½	2- l h- dY; k. ki ks e



I efdr cky fodkl I okvka ds rhu n'kd&, d eW; kdu

jkt;	jkt;	f tyk		i fj ; kst uk		vlakuokMh dnz
dkM	uke	dkM	uke	dkM	uke	uke
						3- f'kokxe; kEek; j dkykuh
						4- i npxj
						5- cxFkS/kygYe dkykuh
		02	enjS	106	fr#i jednje	1- Fki j
					½keh. k½	2- oy; udye
						3- fufy; j
						4- oMki kyfuf t
						5- uMudy e
		03	fMMxy	107	fuykdebz	1- dMxu; k dui eh
			½u; fer vtbl fMh, l ½		½keh. k½	2- pdk; U; kdllu j & II
						3- dMyki eh
						4- eeki kjb&II
						5- ekbdy i kyk; e&I
		04	l ye	108	l ye	1- vlni eh
			½o'o cdl½		½keh. k½	2- oete fkei eh
						3- l R; uxj
						4- i fj; j uxj
						5- i#eydkby djkmh
		05	ekel i gh	109	gkl j	1- cLrh
			½u; fer vtbl fMh, l ½		½keh. k½	2- l pkecf tch
						3- tqt pkmh
						4- ckbkj ufo
						5- dkBki Yyh

I efdr cky fodkl I dkkvka ds rhu n'kd&, d eW; kdu

jkt;	jkt;	f tyk		i fj ; kst uk		vlakuokMh dnz
dkM	uke	dkM	uke	dkM	uke	uke
		06	oYykj	110	ofu; eckMh	1- i nqj & 2
					¼ kgjh½	2- i#ey iV
						3- urkth uxj
						4- l ux dñi e
						5- i MpeMh
		07	i Mpekbz	111	vlukol y	1- i jEcj & III
			¼u; fer vñol hñh, l ½		¼kteh. k½	2- b#ufnjki èh
						3- vfj ; j
						4- l R; exye
						5- vlukol y&5
		08	jkeukFki je	112	vkj-, l- exye	1- l ukosyh
			¼o'o cñl&l effkñ½		¼kteh. k½	2- eyi u; j
						3- dMkyj
						4- mli j
						5- ekj i llusV
		09	Fkuh	113	ckMh	1- ekeñ jh
			¼o'o cñl&l effkñ½		¼kteh. k½	2- fr#pj
						3- fl Yykekst kFkj èh
						4- feMky
						5- uMki èh
		10	dkñ Ecnj	114	djeMy	1- uMj
			¼o'o cñl&l effkñ½		¼kteh. k½	2- dlukjk i y; e



I efdr cky fodkl I okvka ds rhu n'kd&, d eW; k&du

jkt;	jkt;	f tyk		i fj ; kst uk		v l x u o k M h d n z
dkM	uke	dkM	uke	dkM	uke	uke
						3- i f f k d e b z
						4- d k k M ; j
						5- l j k e x b z i M j
		11-	ukxi ehue	115	ukxi ehue	1- v f T g ; j
					1/2 k e h . k 1/2	2- v k j k f k j
						3- v y x p M
						4- i # x M k E c u j
						5- d Y y k j
		12-	du; kd e l j h	116	e l i h j k ;	1- d l i p k M q
					1/2 k e h . k 1/2	2- l i e f k j h f o y k d e
					1/2 o ' o c b l & l e f f k r 1/2	3- o k o k j k ;
						4- e d d k M q
						5- e y x y e
		13-	ukelDdy	117	dk y h f g Y l	1- v l k d V v q i e h
					1/2 t u t k r h ; 1/2	2- l k y k d d M i e h
						3- o l y j i e h
						4- l E e n q
						5- v M k d e i e h
25	f= i j k	01	n f { k . k f = i j k	118	c l x Q k	1- x e t j f Q Y y k
			1/2 u ; f e r v t b l h v h , l 1/2		1/2 k e h . k 1/2	2- v u r n k l i k u k
						3- H k p u n k l i k u k
						4- l q h j l j d k j i k u k
						5- n ' k ? k f j ; k

I eðdr cky fodkl I þkvka ds rhu n'kd&, d eW; kðu

jkt;	jkt;	f tyk		ifj; kst uk		vlaokuMh dnz
dkM	uke	dkM	uke	dkM	uke	uke
26	múkj i n'sk	01	y[kuÁ	119	vkye uxj	1- ihj cDdk
			¼u; fer vtbl hvh, l ½		¼ kgjh½	2- gfj tu cLrh
						3- vfl ; k eky
						4- Hkl k eMh
						5- cxe , ukchoh
		02	y[kheij [kMh	120	ifYy; k	1- ykyij <ldk
			¼u; fer vtbl hvh, l ½		¼t utkrh; ½	2- vOhehijk
						3- ckyij
						4- f=dkfy; k
						5- fd l uekgyq
		03	cjyh	121	etxokg	1-etxokg&II
			¼u; fer vtbl hvh, l ½		¼kteh. k½	2- Hk/k tpuu
						3- i l jkg
						4- [kfVvk&I
						5- xdh&I
		04	bVkok	122	eghok	1- fctkSyh&I
					¼kteh. k½	2- uxyk' kpty
						3- l pu"kk&II
						4- mf>; kuh&II
						5- eghok cLrh
		05	xkj [ki j	123	clá xkø	1- tkrxkV/dh
			¼u; fer vtbl hvh, l ½		¼kteh. k½	2- nfk. k Vkyk&I



I efdr cky fodkl I kvk ds rhu n'kd&, d eW; kdu

jkt;	jkt;	f tyk		i fj ; kst uk		v lkuokMh dnz
dkM	uke	dkM	uke	dkM	uke	uke
						3- dLck I xteij
						4- véki kSyh dk/k
						5- nœdkyh
		06	>ká h	124	cchuk	1- f?kl kyh
			¼u; fer vtbl hVh, I ½		¼kteh. k½	2- cchuk
						3- j l huk
						4- fct kSyh
						5- cã uxj
		07	I gkjuij	125	eqt Qjkcn	1- j l iyij
			¼u; fer vtbl hVh, I ½		¼kteh. k½	2- pugd&I
						3- Hkkt i j
						4- duMyk
						5- vYyhokyk
		08	tkuig	126	fl djkj	1- jhBh&II
			¼u; fer vtbl hVh, I ½		¼kteh. k½	2- ikyij ¼clkkji j ½
						3- cldh&I
						4- y [kkokv&I
						5- fcl kokv&I
		09	vxjk	127	'kel kcn	1- fgj uj &I
					¼kteh. k½	2- fgj uj &II
						3- Mkdh&I
						4- Mkdh&II
						5- fl drkjk&I

I efdr cky fodkl I dkkvka ds rhu n'kd&, d eW; kdu

jkt;	jkt;	f tyk		i fj ; kst uk		vlakuokMh dnz
dkM	uke	dkM	uke	dkM	uke	uke
		10	fetkāj	128	jkt x<+	1- nknjk&II
					½kteh. k½	2- nknjk&I
						3- unhgkj
						4- Hkkou
						5- fc". kīj
		11	jk; cjsyh	129	Åpkgj	1- deksyh
			½u; fer vtbl Hh, I ½		½kteh. k½	2- dY; k. ki j
						3- fd' kunkl ij
						4- l fcl ij
						5- dkWjkckgk Mjxu
		12	cnk; w	130	txr	1- ukxy' kjkdh
			½u; fer vtbl Hh, I ½		½kteh. k½	2- vfjQ ij ukonk&I
						3- [kud&III
						4- ekgejij l ykj&I
						5- txr&I
		13	xkft; kckn	131	gki M+	1- ekuljk&I
					½kteh. k½	2- ekuljk&II
						3- vd>St k&I
						4- vdNSt k&II
						5- vdNSt k&III
		14	yfyrij	132	tdgkj k	1- l kyxu
			½u; fer vtbl Hh, I ½		½kteh. k½	2- fnyokMk



I efdr cky fodkl I okvka ds rhu n'kd&, d eW; kdu

jkt;	jkt;	f tyk		i fj ; kst uk		vlakuokMh dnz
dkM	uke	dkM	uke	dkM	uke	uke
						3- vñ/k; kjh
						4- jkt?kkV
						5- t [kk&Mk
27	mÜkjky	01	ngjknw	133	ngjknw 'kgj	1- uhcökyk
			¾u; fer vñbl ÆVh, I ½		¼ kgjh½	2- dkeM cYc QDVjh
						3- vej ukFk dkykuh
						4- vEcMdj uxj&I
						5- vEcMdj uxj&II
		02	fi Fkñkx<+	134	ekjpyk	1- Qyrykh
			¾u; fer vñbl ÆVh, I ½		¼t utkrh; ½	2- Nlgh ckxj cuxkik.kh
						3- i uxyk
						4- cku ¼ckFkh½
						5- [kkvfy; k
		03	gfj }kj	135	: Melh	1- [katji j&I
			¾u; fer vñbl ÆVh, I ½		¼kteh.k½	2- csyknh
						3- 'kj i j
						4- jkei j
						5- I Qhi j
28-	if'pe cakly	01	24 ijxuk¼ utivk½	136	cjryk	1-; Æk Dyc ou jkrk cktkj
			vkj-ds fe'ku		¼ kgjh½	2- fl dnj ckxu ckxekjh
			ujñni j			3- ¼klñhckjh½ vjkgk
			dkydkrk if'pe cakly			4- xkckxku I h, uds Li kñy 7 dy Qk#u

I efdr cky fodkl I dkkvka ds rhu n'kd&, d eW; kdu

jkt;	jkt;	f tyk		i fj ; kst uk		vlakuokMh dnz
dkM	uke	dkM	uke	dkM	uke	uke
						5- vlpfyd 'kkflr deVh
		02	i#fy; k	137	dk'khi j	1- d&KvM kjk
			%u; fer vtbl hVh, I ½		%t utkrh; ½	2- eè; i kjk
						3- <ejh
						4- frckeij
						5- etfgh
		03	efnukij	138	?kVy	1- jkuh cktkj
					%kteh. k½	2- eukgij j %mUkj h½
						3- eyxte
						4- eyxte
						5- unhi j
		04	nkt hfyk	139	dfi z ka	1- vij u; k cLrh
			%u; fer vtbl hVh, I ½		%kteh. k½	2- [kfj ; k cLrh
						3- fce itbejh Ldiy
						4- x; kckMh
						5- fxì dki gM+
		05	ef' khckn	140	cjgkejij	1- vlkune; h fcm ; kek
			%u; fer vtbl hVh, I ½		%kteh. k½	2- xlyte I ck I fefr
						3- yfij dkykuh



I efdri cky fodkl I þokvaka ds rhu n'kd&, d eiv; kdu

jkt;	jkt;	f tyk		i fj; kst uk		vlaokuMh dnz
dkM	uke	dkM	uke	dkM	uke	uke
						4- ekfulnk uxj
						5- cketfV; k th, l, Qih
		06	ekynk	141	x tky	1- y[khVyk
			%u; fer vtbl hVh, l ½		%kteh. k½	2- gfj i eh
						3- xfcUnki j
						4- l gjky
						5- i kMqk
		07	tyi kb&Mh	142	vyhi j }kj	1- mUkj c}kxgjh
			%u; fer vtbl hVh, l ½		%kteh. k½	2- i Vdki kMk
						3- pdqk[kh
						4- rki f' k[kkVk
						5- fcc&keMk
		08	ufn; k	143	jk. kk?kkV&II	1- i rki x<+ i' pei kMk
			%u; fer vtbl hVh, l ½		%kteh. k½	2- nknyk
						3- nUkki qy; k
						4- nyrki kMk
						5- e}kj xte
29-	vMeku , oa fuck&	01	i kVZ Cys j	144	i kVZ Cy; j	1- cfunkckn
	ckj }hi l eg		%u; fer vtbl hVh, l ½		%' kgjh½	2- v&LVukckn
						3- fcp&at

I efdr cky fodkl I dkkvka ds rhu n'kd&, d eW; kdu

jkt;	jkt;	f tyk		i fj ; kst uk		vlakuokMh dnz
dkM	uke	dkM	uke	dkM	uke	uke
						4- fcpxat Vh I pkeh I Wj
						5- xMkpjkek
30-	pMhx<+	01	pMhx<+	145	Vkmu gkly&I	1- ekSyh dkykuh
			%u; fer vtbl hVh, I ½		¼ kgjh½	2- ekSyh xkø
						3- ef.k ektjk
						4- nkfj ; k
						5- cki nke dkykuh
31-	fnYyh	01	i nhz fnYyh	146	f=ykcl ijh	1- ykbu & 7 f=ykcl ijh& ,
			%u; fer vtbl hVh, I ½		¼ kgjh½	2- f=ykclijh Cykkl & 24
						3- dY; k.kijh & Cykkl 15
						4- f=ykclijh Cykkl & 1
						5- f=ykclijh Cykkl & 21
32-	nknj vlš	01	nknj vlš uxj gsyh	147	fl yokl k	1- xkek xte
	uxj gsyh		%u; fer vtbl hVh, I ½		¼ tutkrh; ½	2- ckkl dufyikMk
						3- ekjkyh dkdMOKMk
						4- cbMkfcu
						5- [kuoy dfigjek
33-	neu vlš ntho	01	neu vlš ntho	148	nho	1- i kfVyokMk
			%u; fer vtbl hVh, I ½		¼ xkeh. k½	2- Maxjoknh



I eðdr cky fodkl I þkvka ds rhu n'kd&, d eW; kðu

jkt;	jkt;	ftyk		ifj; kst uk		vlaokuMh dnz
dkM	uke	dkM	uke	dkM	uke	uke
						3- oudckl k
						4- ofu; kckMh
						5- ofu; kl jh
34-	y{k}hi	01	y{k}hi	149	y{k}hi	1- voFkldffk; kckn
			½u; fer vtbl fMh, l ½		½t utkrh; ½	2- gkbz Ldiy
						3- urcj fQ; Wjh
						4- l jdkjh , MCY; # h
						5- vxuFkh ukFk
35-	i kMppjh	01	i kMppjh	150	djbdy	1- djdykpjh
			½u; fer vtbl fMh, l ½		½kteh. k½	2- l fckjk; i je
						3- i eupjh
						4- dk/ki Mh
						5- rykVs



i fj ; kst uk LVIO dh jKT ; &okj fLFkr

Øe I a	jKT;		cky fodkl		ifj ; kst uk vřekclj		I gk; d ckfo-ijf- vřekclj		i ; břkl		% řřkrh
	Lohdr	rřkr	Lohdr	% řřkrh	Lohdr	rřkr	% řřkrh	Lohdr	rřkr		
1	vřek i nřk	7	6	85.7	11	3	27.3	75	62	82.7	
2	vř. kpy i nřk	2	2	100.0	0	0	-	12	10	83.3	
3	vře	6	6	100.0	7	3	42.9	48	44	91.7	
4	feglj	6	3	50.0	3	0	0.0	46	5	10.9	
5	NUkl x<+	4	2	50.0	2	1	50.0	23	21	91.3	
6	xřok	1	1	100.0	0	0	-	7	6	85.7	
7	xřjř	12	11	91.7	11	7	63.6	103	77	74.8	
8	gfj ; k.řk	4	4	100.0	1	0	0.0	27	27	100.0	
9	fgepy i nřk	2	2	100.0	2	2	100.0	12	12	100.0	
10	třerřk d'ej	4	4	100.0	2	2	100.0	23	23	100.0	
11	>lj [k.M	5	5	100.0	0	0	-	25	14	56.0	
12	duřd	6	5	83.3	8	8	100.0	57	54	94.7	
13	djy	4	4	100.0	3	2	66.7	23	21	91.3	
14	ee; i nřk	8	6	75.0	4	2	50.0	58	46	79.3	
15	egjk"vř	8	8	100.0	12	6	50.0	89	82	92.1	
16	ef.klj	1	1	100.0	0	0	--	5	7	140.0	
17	eřky;	1	1	100.0	1	1	100.0	8	8	100.0	
18	fetje	1	1	100.0	0	0	--	4	4	100.0	
19	ulřyřl	DNA	DNA	DNA	DNA	DNA	DNA	DNA	DNA	DNA	
20	mřlř k	8	6	75.0	0	0	--	50	27	54.0	
21	iřlc	5	3	60.0	1	1	100.0	27	27	100.0	
22	jktřku	6	5	83.3	7	2	28.6	49	42	85.7	
23	řl řdce	1	1	100.0	0	0	--	7	7	100.0	
24	řfeyřřlř	13	12	92.3	0	0	--	58	50	86.2	
25	f=řjk	1	1	100.0	0	0	--	7	6	85.7	
26	mřj i nřk	14	9	64.3	5	0	0.0	88	75	85.2	
27	mřjkřřř	3	3	100.0	0	0	--	13	13	100.0	
28	iř'pe caky	7	6	85.7	9	6	66.7	61	58	95.1	
29	vřeku , oarřdřkj }řil ř eg	1	1	100.0	0	0	--	10	5	50.0	
30	přřřx<+	1	1	100.0	0	0	--	4	4	100.0	
31	řnřř	1	1	100.0	0	0	--	5	5	100.0	
32	nřřj vřř uxj goryř	1	1	100.0	0	0	--	8	5	62.5	
33	neu vřř řřo	1	1	100.0	0	0	--	2	1	50.0	
34	yřřř	1	1	100.0	1	1	100.0	4	4	100.0	
35	iřřřřřř	1	1	100.0	0	0	--	5	5	100.0	
	třřř+	147	125	85.0	90	47	52.2	1043	857	82.2	

t kjh.....

Öe la	jkt;	VæxuoMli dk; Þirli			gslj		
		Lohdr	rðkr	% rðkrh	Lohdr	rðkr	% rðkrh
1	vðkci rnsk	1550	1468	94.7	1550	1475	95.2
2	v# .Mpy i nsk	245	245	100.0	245	245	100.0
3	vl e	963	951	98.8	963	949	98.5
4	fcgkj	1014	1009	99.5	1014	1008	99.4
5	NUhnl X<+	531	526	99.1	531	524	98.7
6	xlok	148	142	95.9	148	139	93.9
7	xpc jkr	2062	1961	95.1	2062	1963	95.2
8	gfj; k.kk	573	570	95.5	573	573	100.0
9	fgelpy i nsk	227	218	96.0	227	224	98.7
10	tferrik d'eij	474	472	99.6	474	474	100.0
11	>kj [k.M	654	637	97.4	654	639	97.7
12	dud/d	1234	1233	99.9	1234	1234	100.0
13	djy	527	513	97.3	527	496	94.1
14	ee; i nsk	1323	1315	99.4	1323	1312	99.2
15	egjiv'a	1947	1930	99.1	1947	1920	98.6
16	ef.kij	150	138	92.0	150	138	92.0
17	eðky;	136	136	100.0	136	136	100.0
18	fetje	61	61	100.0	61	61	100.0
19	ukiyM	DNA	DNA	DNA			DNA
20	mMh k	971	955	98.4	971	963	99.2
21	iatlc	617	611	99.0	617	617	100.0
22	jtLfk	993	981	98.8	993	990	99.7
23	fl fde	150	150	100.0	150	150	100.0
24	rfeyuMq	1615	1460	90.4	1615	1274	78.9
25	f=ijk	141	141	100.0	141	141	100.0
26	mukj i nsk	2193	2133	97.3	2193	2100	95.8
27	mukj [M	321	320	99.7	321	318	99.1
28	if'pe cakj	1238	1209	97.7	1238	1229	99.3
29	vMelu , oafudckj }hi l eg	240	240	100.0	240	240	100.0
30	pMhx<+	100	100	100.0	100	100	100.0
31	fmYh	127	127	100.0	127	127	100.0
32	nlnj vif uxj goyh	138	138	100.0	138	138	100.0
33	neu vif nlo	33	32	97.0	33	33	100.0
34	yf}hi	74	74	100.0	74	74	100.0
35	iMhpgj	140	140	100.0	140	140	100.0
	tMh+	22910	22336	97.5	22910	22144	96.7

LokLF; foHkx vkj I eodr cky fodkl I ok ds inkfekdkfj; kadschp vi; klr I ello; dsdkj.k

i.caku	vofLFkfr	fjiWZ fd, x, vi; klr I ello; dh I ;k	cky fodkl i fj; kst uk vfejdkjh }kjk I fpr fd, x, dkj.k							
			LokLF; inkfekdkfj; kadsch rVLFk i o'fuk	vkbl hMh, I inkfekdkfj; kadsch rVLFk i o'fuk	nokvka dh vi; klr vki frZ	LokLF; inkfekdkfj; kadsch 0; ol k; & i o'Z i o'uk gksuk	vkbl hMh, I inkfekdkfj; kadsch 0; ol k; & i o'Z i o'uk gksuk	vkakuoMh dk; ZrkZka dk vl g; kx	,, u, e dk vl g; kx	vU; dkbl
vkbl h Mh, I & }kjk I pkyr	xteh.k	14	11	2	6	11	6	0	4	0
	%		78.6	14.3	42.9	78.6	42.9	0.0	28.6	0.0
	tutkrh;	6	3	2	3	1	1	1	3	2
	%		50.0	33.3	50.0	16.7	16.7	16.7	50.0	33.3
	'kgjh	3	1	0	0	2	1	0	0	3
	%		33.3	0.0	0.0	66.7	33.3	0.0	0.0	100.0
fo'o cbl I gk; rk&i n'uk	tKM+	23	15	4	9	14	8	1	7	5
	%		65.2	17.4	39.1	60.9	34.8	4.3	30.4	21.7
	xteh.k	4	1	1	3	4	2	0	0	2
	%		25.0	25.0	75.0	100.0	50.0	0.0	0.0	50.0
	tutkrh;	3	2	2	2	2	2	2	2	1
	%		66.7	66.7	66.7	66.7	66.7	66.7	66.7	33.3
xj& I jdkjh I xBu }kjk I pkyr	tKM+	7	3	3	5	6	4	2	2	3
	%		42.9	42.9	71.4	85.7	57.1	28.6	28.6	42.9
	xteh.k	1	1	0	0	0	0	0	1	0
	%		100.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
	tutkrh;	0	0	0	0	0	0	0	0	0
	%		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I Hkh {k=	'kgjh	0	0	0	0	0	0	0	0	0
	%		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	tKM+	1	1	0	0	0	0	0	1	0
	%		100.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
	xteh.k	19	13	3	9	15	8	0	5	2
	%		68.4	15.8	47.4	78.9	42.1	0.0	026.3	10.5
I Hkh {k=	tutkrh;	9	5	4	5	3	3	3	5	3
	%		55.6	44.4	55.6	33.3	33.3	33.3	55.6	33.3
	'kgjh	3	1	0	0	2	1	0	0	3
	%		33.3	0.0	0.0	66.7	33.3	0.0	0.0	100
	tKM+	31	19	7	14	20	12	3	10	8
	%		61.3	22.6	45.2	64.5	38.7	9.7	32.3	25.8
I Hkh {k=	xteh.k	48	23	14	19	30	26	9	7	5
	%		47.9	29.2	39.6	62.5	54.2	18.8	14.6	10.4
	tutkrh;	22	11	9	11	7	2	3	3	6
	%		50.0	40.9	50.0	31.8	9.1	13.6	13.6	27.3
	'kgjh	6	1	2	0	4	2	1	2	0
	%		16.7	33.3	0.0	66.7	33.3	16.7	33.3	0.0
	tKM+	76	35	25	30	41	30	13	12	11
	%		46.1	32.9	39.5	53.9	39.5	17.1	15.8	14.5
	'kgjh	9	1	0	6	4	4	4	0	1
	%		11.1	0.0	66.7	44.4	44.4	44.4	0.0	11.1
	tutkrh;	6	5	5	6	6	5	5	5	0
	%		83.3	83.3	100.0	100.0	83.3	83.3	83.3	0.0
	'kgjh	15	6	5	12	10	9	9	5	1
	%		40.0	33.3	80.0	66.7	60.0	60.0	33.3	6.7



I efdr cky fodkl I nokvka ds rhu n'kd&, d eiv; kdu

tkjh-----

i.caku	vofLFkfr	fj i k/ z fd, x, vi; klr l ello; dh l q; k	cky fodkl ij; kstuk vfejdkjh }kjk l i pr fd, x, dkj.k							
			LokLF; i n k f e d k f j ; k a i n k f e d k f j ; k a dh r V L F k i o f u k	vk b l h M h, l i n k f e d k f j ; k a i n k f e d k f j ; k a dh r V L F k i o f u k	nokvka dh vi; klr vki r r l	LokLF; i n k f e d k f j ; k a i n k f e d k f j ; k a o; ol k; & i o z i o k g k s u k	vk b l h M h, l i n k f e d k f j ; k a i n k f e d k f j ; k a o; ol k; & i o z i o k g k s u k	vk x u o k l h d k; z r k l v k a d k v l g; k s x	,, u, e d k v l g & ; k s x	v l; d k b z
		10	3	3	7	6	3	4	2	3
		%	30.0	30.3	70.0	60.0	30.0	40.0	20.0	30.0
		1	0	0	0	0	0	0	0	0
		%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		0	0	0	0	0	0	0	0	0
		%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		11	3	3	7	6	3	4	2	3
		%	27.3	27.3	63.6	54.5	27.3	36.4	18.2	27.3
		67	27	17	32	40	33	17	9	9
		%	40.3	25.4	47.8	59.7	49.3	25.4	13.4	13.4
		29	16	14	17	13	7	8	8	6
		%	55.2	48.3	58.6	44.8	24.1	27.6	27.6	20.7
		6	1	2	0	4	2	1	2	0
		%	16.7	33.3	0.0	66.7	33.3	16.7	33.3	0.0
		102	44	33	49	57	42	26	19	15
		%	43.1	32.4	48.0	55.9	41.2	25.5	18.6	14.7
		35	25	11	14	29	17	18	32	9
		%	71.4	31.4	40.0	82.9	48.6	51.4	91.4	27.7
		14	7	2	11	9	2	9	11	5
		%	50.0	14.3	78.6	64.3	14.3	64.3	78.6	35.7
		8	5	0	5	5	0	4	2	2
		%	62.5	0.0	62.5	62.5	0.0	50.0	25.0	25.0
		57	37	13	30	43	19	31	45	16
		%	64.9	22.8	52.6	75.4	33.3	54.4	78.9	28.1
		5	0	0	3	4	3	3	1	1
		%	0.0	0.0	60.0	80.0	60.0	60.0	20.0	20.0
		5	3	0	4	4	3	4	3	0
		%	60.0	0.0	80.0	80.0	60.0	80.0	60.0	0.0
		10	3	0	7	8	6	7	4	1
		%	30.0	0.0	70.0	80.0	60.0	70.0	40.0	10.0
		5	3	0	2	4	2	3	4	3
		%	60.0	0.0	40.0	80.0	40.0	60.0	80.0	60.0
		1	1	0	0	0	0	0	0	0
		%	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		0	0	0	0	0	0	0	0	0
		%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		6	4	0	2	4	2	3	4	3
		%	66.7	0.0	33.3	66.7	33.3	50.0	66.7	50.0
		45	28	11	19	37	22	24	37	13
		%	62.2	24.4	42.2	82.2	48.9	53.3	82.2	28.9
		20	11	2	15	13	5	13	14	5
		%	55.0	10.0	75.0	65.0	25.0	65.0	70.0	25.0
		8	5	0	5	5	0	4	2	2
		%	62.5	0.0	62.5	62.5	0.0	50.0	25.0	25.0
		73	44	13	39	55	27	41	53	20
		%	60.3	17.8	53.4	75.3	37.0	56.2	72.6	27.4



if'k{k.k dh fLFkr dsvuð kj l eðdr cky fodkl l ok ds i nkfekdkfj ; kaðk folhktu

Øe l a	jkt;	cky fodkl ifj; kst uk v fkd kjh				i ; b fkd			
		if'k{kr		vif'kf{kr		if'k{kr		vif'kf{kr	
		l f ; k	ifr'kr	l f ; k	ifr'kr	l f ; k	ifr'kr	l f ; k	ifr'kr
1	vklkz i nsk	6	85.7	1	7	14	100.0	0	14
2	v#.kpy i nsk	2	100.0	0	2	4	100.0	0	4
3	vl e	5	83.3	1	6	15	88.2	2	17
4	fcgkj	6	100.0	0	6	5	100.0	0	5
5	NÜkhl x<+	2	50.0	2	4	8	100.0	0	8
6	xkøk	1	100.0	0	1	2	100.0	0	2
7	xøjkr	8	66.7	4	12	24	96.0	1	25
8	gfj ; k.kk	4	100.0	0	4	8	100.0	0	8
9	fgekpy i nsk	2	100.0	0	2	2	50.0	2	4
10	tEewFkk d'ehj	2	50.0	2	4	7	87.5	1	8
11	>kj [k.M	5	100.0	0	5	7	77.8	2	9
12	duW/d	5	83.3	1	6	15	100.0	0	15
13	djy	3	75.0	1	4	7	87.5	1	8
14	eè; i nsk	7	87.5	1	8	16	100.0	0	16
15	egjk"V"	6	75.0	2	8	16	100.0	0	16
16	ef.kij	1	100.0	0	1	2	100.0	0	2
17	eøky;	1	100.0	0	1	4	100.0	0	4
18	fetkje	1	100.0	0	1	2	100.0	0	2
19	ukxkyM	0	--	0	0	2	66.7	1	3
20	mMkl k	6	75.0	2	8	12	92.3	1	13
21	i atlc	5	100.0	0	5	10	100.0	0	10
22	jktLFku	3	50.0	3	6	12	100.0	0	12
23	fl fDde	1	100.0	0	1	2	100.0	0	2
24	rfeyukMq	13	100.0	0	13	26	100.0	0	26
25	f=i jk	1	100.0	0	1	2	100.0	0	2
26	mÜkj i nsk	11	78.6	3	14	27	100.0	0	27
27	mÜkj[kM	3	100.0	0	3	6	100.0	0	6
28	if'pe cakly	7	100.0	0	7	14	100.0	0	14
29	vMeku ,oafudkclj }hi l eg	0	0.0	1	1	1	50.0	1	2
30	pMlx<+	1	100.0	0	1	2	100.0	0	2
31	fnYyh	1	100.0	0	1	2	100.0	0	2
32	nknj vlg uxj gosyh	0	0.0	1	1	0	0.0	2	2
33	neu vlg nlo	0	0.0	1	1	1	100.0	0	1
34	y{k}hi	1	100.0	0	1	1	100.0	0	1
35	i kMppjh	0	0.0	1	1	2	100.0	0	2
	tkM+	120	81.6	27	147	280	95.2	14	294



I efdr cky fodkl I þokvæðs rhu n'kd&, d eil; kdu

t kj h-----

Þe la jkt;	væxuoMh dkl; þrlz			væxuoMh dkl; þrlz & i'f'k(k.k dh iðfr							
	i'f'k(k.k		vi'f'k(k.k	i'f'k(k.k		fjOðlj Vðux					
	la	%	la	dkj i'f'k(k.k	%	dkj i'f'k(k.k	%				
1	væðx i'nsk	35	100.0	0	35	100.0	35	10	25	71.4	35
2	v#; upy i'nsk	5	50.0	5	10	50.0	10	10	0	0.0	10
3	vi e	30	100.0	0	30	100.0	30	9	21	70.0	30
4	fcgkj	30	100.0	0	30	100.0	30	15	15	50.0	30
5	NMh x<+	20	100.0	0	20	100.0	20	1	19	95.0	20
6	xkxk	5	100.0	0	5	100.0	5	3	2	40.0	5
7	xç; jr	58	96.7	2	60	96.7	60	16	44	73.3	60
8	gf; k.k	20	100.0	0	20	100.0	20	1	19	95.0	20
9	fgeloy i'nsk	10	100.0	0	10	100.0	10	0	10	100.0	10
10	tfeartk d'ehj	19	95.0	1	20	85.0	20	4	16	80.0	20
11	>kj(k.k	25	100.0	0	25	100.0	25	10	15	60.0	25
12	clum/d	30	100.0	0	30	100.0	30	4	26	86.7	30
13	dkj	19	95.0	1	20	95.0	20	1	19	95.0	20
14	ee; i'nsk	40	100.0	0	40	100.0	40	1	39	97.5	40
15	egj'v'	39	97.5	1	40	97.5	40	12	28	70.0	40
16	ef.kj	5	100.0	0	5	100.0	5	0	5	100.0	5
17	efkky;	5	100.0	0	5	100.0	5	1	4	80.0	5
18	fetþe	5	100.0	0	5	100.0	5	2	3	60.0	5
19	ukxyM	10	100.0	0	10	100.0	10	8	2	20.0	10
20	mMh k	39	97.5	1	40	97.5	40	4	36	90.0	40
21	iatk	25	100.0	0	25	100.0	25	4	21	84.0	25
22	jkt'fku	27	96.4	1	28	96.4	28	6	22	78.6	28
23	fl idde	5	100.0	0	5	100.0	5	0	5	100.0	5
24	rfeyuMq	64	98.5	1	65	93.8	65	4	61	93.8	65
25	f=i;k	5	100.0	0	5	100.0	5	1	4	80.0	5
26	mðlj i'nsk	70	100.0	0	70	100.0	70	48	22	31.4	70
27	mðlj tM	15	100.0	0	15	100.0	15	2	13	86.7	15
28	i'pe caký	40	100.0	0	40	100.0	40	19	21	52.5	40
29	vMlelu , orfudclkj jhll eg	5	100.0	0	5	100.0	5	1	4	80.0	5
30	pMh<+	5	100.0	0	5	100.0	5	0	5	100.0	5
31	fnyh	5	100.0	0	5	100.0	5	0	5	100.0	5
32	nkj vðj uxj goyh	5	100.0	0	5	100.0	5	0	5	100.0	5
33	neu vðj nlo	5	100.0	0	5	100.0	5	5	0	0.0	5
34	y(t)h	5	100.0	0	5	100.0	5	1	4	80.0	5
35	iMðpgh	5	100.0	0	5	100.0	5	0	5	100.0	5
	tM+	735	98.3	13	748	97.2	748	198	550	73.5	748
								382	366	48.9	748

mís; i xlr djusdh l hek

Øe l a	jkt; @ l ak 'mfi r {ks=	ifj; kst ukvna dh l q; k	yflr tul q; k dk vfkdre dojst	ih, l bž rFk ijd i skgkj l skvna ea i atojj .k	fufu Ldy mki vkmv	dij sk.k ea deh	vkbz evlj rFk ,e, evlj ea deh	of) r tix: drk %LoLF; j LoPNrk rFk l Okbz ds ckjs ež	,, u, e@, MCV; w MCY; w YHkxqgh ds nrVdlsk ea ifjorž
1	vlibz inrk	07	07	04	-	-	-	05	-
2	v# .mpy inrk	02	01	-	-	-	-	-	-
3	vle	06	01	03	-	-	-	03	-
4	fcgkj	06	01	03	-	-	-	09	04
5	Nlhh x<+	04	-	01	-	-	-	01	-
6	xkak	01	-	01	-	-	-	01	-
7	xqj jr	12	04	06	-	-	-	11	-
8	gij; k.kk	04	01	01	-	02	01	02	02
9	fgelpy inrk	02	03	01	-	-	-	01	-
10	t'ear rFk d'elij	04	03	01	-	-	-	-	-
11	>j [k.M	05	07	06	-	-	03	15	06
12	duwcd	06	04	02	02	01	-	06	03
13	djy	04	03	02	-	-	02	04	01
14	ee; inrk	08	07	04	02	02	01	12	07
15	egjkv'	08	09	06	02	02	02	12	07
16	ef.kij	01	01	-	-	-	-	-	-
17	esly;	01	01	01	-	-	01	03	02
18	fe t'qse	01	-	-	-	-	-	-	-
19	ukxyM	02	-	-	-	-	-	-	-
20	mMh k	08	04	07	-	03	-	08	07
21	i at'ic	05	04	07	1	01	03	06	03
22	jktLFktu	06	11	-	-	-	04	05	-
23	fl fdde	01	00	-	-	-	-	-	-
24	rteyukMq	13	09	04	-	01	01	10	03
25	f=i ght	01	01	-	-	-	-	10	-
26	mukj inrk	14	09	06	05	01	03	12	02
27	mukj[MW	03	03	07	-	-	03	10	02
28	if'pe caky	08	08	08	02	02	01	07	04
29	vleku , oa fucakj žhi l eg	01	01	02	-	-	-	01	01
30	pMhx<+	01	01	02	-	-	-	01	-
31	fn'yh	01	-	-	-	-	-	01	-
32	nirj v'q uxj gosh	01	01	-	-	-	-	-	-
33	neu v'q nio	01	01	-	-	-	-	-	-
34	Y(ž)hi	01	-	-	-	-	-	-	01
35	iMmpjh	01	01	-	-	01	--	03	01

l k'w žiž vut akku ny dh fj'k'k' žiž j'k'; l j'dijka ž'j'k i'f'kr ž'j'k x'bz i'ukofy; ka ž'niž O'f'fM l o'q'k

ijđ i kSkkgkj dk jkT; &okj forj.k vqš bl dh vfeki křir dsl kř

Øe la	jkT;	ijđ i kSkkgkj vki řirZch fdLe						ijđ i kSkkgkj dk l kř					
		1 vřj VhbZ	2 fouk i dk@dPpk	3 nikuk@fefJr	4 vřj;	5 l Ĥh	1 dšj	2 MŃ; pQih	3 jkt; l jdkj	4 l epk;	5 vřj;	6 l Ĥh	
1	vřkzi i nřk	25	5	0	5	35	2	9	29	0	4	35	
2	v# ģpy i nřk	1	5	4	0	10	1	9	0	0	0	10	
3	vle	1	14	9	6	30	0	0	25	0	5	30	
4	foglj	0	20	0	10	30	0	0	10	0	20	30	
5	Nđh x<+	7	8	1	4	20	0	0	20	0	0	20	
6	xioak	0	5	0	0	5	0	0	5	0	0	5	
7	xř jvr	13	42	4	1	60	2	0	58	0	0	60	
8	gfj : k.k	19	0	0	1	20	1	1	18	0	0	20	
9	fgepy i nřk	1	8	0	1	10	0	0	10	0	0	10	
10	tfeirfk c'etij	4	16	0	0	20	1	0	19	0	0	20	
11	>j [k.M	15	10	0	0	25	0	0	22	0	3	25	
12	duw/d	1	3	26	0	30	0	0	30	0	0	30	
13	dšj	2	10	5	3	20	1	2	6	0	11	20	
14	ee: i nřk	12	22	3	3	40	2	0	36	1	1	40	
15	egh'v'	14	19	7	0	40	3	0	34	2	1	40	
16	ef.kij	0	0	0	5	5	1	0	4	0	0	5	
17	eřky;	0	0	4	1	5	0	0	5	0	0	5	
18	fetęe	0	2	3	0	5	0	0	5	0	0	5	
19	uxkyđl	10	0	0	0	10	0	10	0	0	0	10	
20	mđh k	1	34	0	5	40	5	6	15	0	14	40	
21	iřic	1	2	22	0	25	2	0	23	0	0	25	
22	jkTLřu	22	1	5	0	28	5	0	22	0	1	28	
23	ři řdce	5	0	0	0	5	0	0	5	0	0	5	
24	řfeyuđlq	14	27	24	0	65	2	0	63	0	0	65	
25	f=iĵk	0	0	5	0	5	0	0	5	0	0	5	
26	mđj i nřk	70	0	0	0	70	0	1	66	0	3	70	
27	mđj k [M	0	11	4	0	15	0	15	0	0	0	15	
28	i' pe caky	0	38	0	2	40	0	0	35	0	5	40	
29	vřeku , ořudokj řhi l eg	0	5	0	0	5	0	0	5	0	0	5	
30	pđh x<+	5	0	0	0	5	0	0	5	0	0	5	
31	řvřh	5	0	0	0	5	1	0	4	0	0	5	
32	nřj vřj uxj gořh	0	5	0	0	5	0	0	4	1	0	5	
33	neu vřj řho	1	3	0	1	5	2	0	3	0	0	5	
34	yřřhi	0	1	4	0	5	0	0	1	0	4	5	
35	iđmřj h	0	0	5	0	5	0	0	5	0	0	5	
	tđh:	249	316	135	48	748	31	44	597	4	72	748	

t kj h---

Øe l a	jkt;	, MCV; MCV; @gvi; rðlr ugle			[kjlc [kk] olrqa			vli; dlj. k			0; oekku ds vks r fnula dh l a			
		, uvkj	gla	l Hkh	, u ,	gla	, u ,	l Hkh	, u ,	gla		, u ,	l Hkh	
1	vllhzi nsk	27	0	8	35	27	0	8	35	26	2	7	35	14.7
2	v#; mpy i nsk	5	0	5	10	4	1	5	10	5	0	5	10	43.5
3	vle	30	0	0	30	30	0	0	30	26	4	0	30	188.9
4	fcglj	28	0	2	30	27	1	2	30	22	7	1	30	114.4
5	Nllh x<+	16	0	4	20	14	2	4	20	13	3	4	20	18.0
6	xlok	0	0	5	5	0	0	5	5	0	0	5	5	0.0
7	x#; jkr	35	0	25	60	33	2	25	60	31	5	24	60	7.5
8	gij; k.kk	13	0	7	20	8	5	7	20	12	1	7	20	9.8
9	fgelpy i nsk	8	0	2	10	8	0	2	10	8	0	2	10	0.0
10	tfeartk d' eij	7	0	13	20	7	0	13	20	6	1	13	20	3.0
11	>kj [k.M	19	0	6	25	19	0	6	25	18	1	6	25	32.9
12	duM/d	5	0	25	30	5	0	25	30	5	1	24	30	4.4
13	dljy	14	0	6	20	14	0	6	20	14	0	6	20	0.7
14	ee; i nsk	36	0	4	40	31	5	4	40	31	5	4	40	34.0
15	egij'v'	18	0	22	40	19	0	21	40	21	1	18	40	4.4
16	ef.kij	4	0	1	5	4	0	1	5	2	2	1	5	32.8
17	eðky;	1	0	4	5	1	0	4	5	1	0	4	5	0.0
18	fetlje	5	0	0	5	5	0	0	5	5	0	0	5	0.0
19	ukxyM	9	0	1	10	9	0	1	10	9	0	1	10	75.0
20	mllh k	34	1	5	40	35	0	5	40	32	2	6	40	62.6
21	i ælc	20	0	5	25	18	2	5	25	11	9	5	25	100.8
22	jktLFku	18	0	10	28	14	4	10	28	16	2	10	28	12.5
23	fl fdde	5	0	0	5	5	0	0	5	5	0	0	5	60.0
24	rfeyullq	22	0	43	65	21	1	43	65	18	4	43	65	0.9
25	f=ijk	0	0	5	5	0	0	5	5	0	0	5	5	0.0
26	mllj i nsk	60	0	10	70	58	2	10	70	62	2	6	70	96.1
27	mllj k [M]	15	0	0	15	15	0	0	15	15	0	0	15	172.5
28	if pe caky	13	0	27	40	13	0	27	40	13	0	27	40	9.5
29	vleku o ludoj jil eij	4	0	1	5	4	0	1	5	4	0	1	5	0.0
30	pllh x<+	0	0	5	5	0	0	5	5	0	0	5	5	0.0
31	fnYn	5	0	0	5	5	0	0	5	5	0	0	5	178.0
32	nlnj vif uxj goyñ	0	0	5	5	0	0	5	5	1	0	4	5	0.0
33	neu vif ñho	2	0	3	5	2	0	3	5	2	0	3	5	0.0
34	y(æ)hi	1	0	4	5	1	0	4	5	1	0	4	5	3.0
35	i llmlojh	3	0	2	5	3	0	2	5	3	0	2	5	5.6
	TlM+	482	1	265	748	459	25	264	748	443	52	253	748	41.3

ij d i kSkkgkj dh vki frZe0; oëkku ds l æk eafnuka dh
vK r l ð; k dh jkT; &okj fLFkr

Øe l a	jkt;	ij d i kSkkgkj dh vki frZe0; oëkku											t kM+		
		dh ugla	30 fnu l sde	30&60 fnu	60&90 fnu	90&120 fnu	120&150 fnu	150&180 fnu	180 fnu l svfkd	t kM+					
1	vllkz i nsk	18	12	1	4	0	0	0	0	0	0	0	0	0	35
2	v# .kkpy i nsk	5	0	2	2	0	0	0	0	0	1	0	0	0	10
3	v l e	0	0	2	3	1	3	0	0	0	4	2	18	0	30
4	fcgkj	2	0	1	11	3	0	0	0	0	2	11	0	0	30
5	Nlkhil x<+	6	10	4	0	0	0	0	0	0	0	0	0	0	20
6	xlak	5	0	0	0	0	0	0	0	0	0	0	0	0	5
7	xç jkr	32	25	3	0	0	0	0	0	0	0	0	0	0	60
8	gfj ; k .lk	8	12	0	0	0	0	0	0	0	0	0	0	0	20
9	fgelpy i nsk	10	0	0	0	0	0	0	0	0	0	0	0	0	10
10	tfeairFlk d' elj	19	0	1	0	0	0	0	0	0	0	0	0	0	20
11	>kj lk .M	6	13	2	4	0	0	0	0	0	0	0	0	0	25
12	duM/d	21	9	0	0	0	0	0	0	0	0	0	0	0	30
13	djy	19	1	0	0	0	0	0	0	0	0	0	0	0	20
14	ee: i nsk	12	13	6	5	2	2	0	0	0	2	0	0	0	40
15	egik'v'	32	6	2	0	0	0	0	0	0	0	0	0	0	40
16	ef .ki j	1	2	1	1	0	0	0	0	0	0	0	0	0	5
17	efky;	5	0	0	0	0	0	0	0	0	0	0	0	0	5
18	fetge	5	0	0	0	0	0	0	0	0	0	0	0	0	5
19	uixtyM	0	5	0	1	0	0	0	0	0	0	0	0	0	10
20	mMh k	6	7	12	5	4	0	0	0	0	3	1	2	0	40
21	i æ lc	5	0	1	3	7	2	0	0	0	2	5	2	0	25
22	jkLFku	11	16	1	0	0	0	0	0	0	0	0	0	0	28
23	fl fdde	0	0	5	0	0	0	0	0	0	0	0	0	0	5
24	rfeyuMlq	56	9	0	0	0	0	0	0	0	0	0	0	0	65
25	f=i jk	5	0	0	0	0	0	0	0	0	0	0	0	0	5
26	mùkj i nsk	10	15	9	2	3	0	0	0	0	14	4	13	0	70
27	mùkj k l M	0	0	0	0	0	0	0	0	0	1	10	4	0	15
28	i'pe caxty	27	9	4	0	0	0	0	0	0	0	0	0	0	40
29	vllkz , orafudkij jh l eeg	5	0	0	0	0	0	0	0	0	0	0	0	0	5
30	plllx<+	5	0	0	0	0	0	0	0	0	0	0	0	0	5
31	fnlyh	0	0	0	0	0	0	0	0	0	0	4	1	0	5
32	nknj vùj uxj goxh	5	0	0	0	0	0	0	0	0	0	0	0	0	5
33	neu vùj nlo	5	0	0	0	0	0	0	0	0	0	0	0	0	5
34	y(k)hi	4	1	0	0	0	0	0	0	0	0	0	0	0	5
35	i l M p j h	2	3	0	0	0	0	0	0	0	0	0	0	0	5
	t kM+	352	168	57	41	21	32	37	40	748					

**i at h d r v l š i k s k i g k j d k y l k m B k u s o k y h x H k z b r h v l š L r u i k u d j k u s o k y h
e k r k v k a d h l a ě ; k d h j k t ; & o k j f l f i r**

Øe l a	j k t ; v l š	x H k z b r h e f g y k , a						u f l x e k r k ,					
		i a t h d r		l a ě ; k d k i r ' l r		y l k m B k u s o k y h		i a t h d r		d j y d k i r ' l r		y l k m B k u s o k y h	
		d j y	l a	d j y	l a ě ; k d k i r ' l r	i a t h d r	d j y d k i r ' l r	i a t h d r	l a	d j y d k i r ' l r	i a t h d r	l a ě ; k d k i r ' l r	i a t h d r
1	v l š k i r i n š k	693	349	50.3	326	93.4	624	327	52.4	309	94.5		
2	v # . k p y i n š k	81	54	66.7	54	100.0	64	53	82.4	42	79.2		
3	v l e	459	201	43.8	136	67.7	432	190	44.0	137	72.1		
4	f e g j	422	174	41.2	147	84.5	362	152	42.0	132	86.8		
5	N l l h l x < +	415	189	45.5	163	86.2	344	217	63.1	205	94.5		
6	x l o k	99	31	31.3	30	96.8	82	36	43.9	35	97.2		
7	x p t j i r	1058	554	52.3	462	83.4	930	544	58.5	437	80.3		
8	g j ; k l k	418	206	49.3	180	87.4	360	226	62.8	204	90.3		
9	f e k p y i n š k	114	66	57.9	62	93.9	109	62	56.9	58	93.5		
10	t e a i r f i k d ' e l i j	266	137	51.4	124	90.5	238	125	52.6	118	94.4		
11	> j [k . M	483	228	47.2	212	93.0	428	276	64.5	265	96.0		
12	d u w d	575	266	46.3	244	91.7	515	245	47.5	224	91.4		
13	d j y	380	150	39.5	133	88.7	329	166	50.5	158	95.2		
14	e e ; i n š k	785	431	54.9	373	86.5	678	423	62.4	406	96.0		
15	e g j i v a	847	399	47.1	369	92.5	737	362	49.1	314	86.7		
16	e f . k i j	51	32	62.7	31	96.9	51	38	73.8	36	94.7		
17	e f k y ;	54	49	90.7	46	93.9	48	32	66.7	31	96.9		
18	f e t i j e	66	54	81.7	51	94.4	56	45	80.3	42	93.3		
19	u x k y M	87	57	65.5	57	100.0	72	59	81.8	49	83.1		
20	m M H k	677	320	47.3	253	79.1	584	338	57.9	261	77.2		
21	i a t k	562	215	38.3	148	68.8	496	193	38.9	127	65.8		
22	j k t l f k u	475	256	53.9	229	89.5	422	251	59.4	216	86.1		
23	f l f d e	71	35	49.3	29	82.9	69	48	69.6	44	91.7		
24	r f e y u M l q	1392	616	44.3	546	88.6	1264	633	50.1	573	90.5		
25	f = i j k	47	24	51.1	24	100.0	48	25	52.1	25	100.0		
26	m l k j i n š k	1415	648	45.8	607	93.7	1266	548	43.3	514	93.8		
27	m l k j k l M	295	150	50.8	132	88.0	254	127	50.0	123	96.9		
28	i f p e c k y	799	327	40.9	246	75.2	717	358	49.9	291	81.3		
29	v M e k u , o a f u c l i s k j j h i l e g	75	25	33.3	20	80.0	58	30	51.7	30	100.0		
30	p M i x < +	104	58	55.8	51	87.9	80	50	62.5	50	100.0		
31	f n y h	135	40	29.6	33	82.5	108	58	53.7	54	93.1		
32	n i n j v l š u x j g o y h	67	55	82.0	51	92.7	55	47	85.5	47	94.9		
33	n e u v l š n i o	141	51	36.2	48	94.1	132	39	29.5	37	94.9		
34	y (j h i	65	36	55.4	36	100.0	57	50	87.7	48	96.0		
35	i M l p j h	77	43	55.8	43	100.0	78	36	46.2	35	97.2		
	t M l +	13750	6526	47.5	5696	87.3	12147	6409	52.8	5677	88.6		

i j d i k l k g k j d s f g l k c l s j k t ; & o k j f l f k r 1/6 e g h u s l s 3 o " l l z

vofLFkr		6 ekl & 3 o"l dscrps											
		i # " k					efgyk, a						
		xlo ea dly		i a h d r		i # " k	y l k k m B l u s o k y h		xlo ea dly dk		i a h d r		y l k k m B l u s o k y h
I d ; k	I d ; k	I d ; k	d y d k i f r ' k r	I d ; k	I d ; k	I d ; k	i a h d r d k i f r ' k r	I d ; k	d y d k i f r ' k r	I d ; k	d y d k i f r ' k r	I d ; k	i a h d r d k i f r ' k r
1	Øe	1072	633	59.0	472	74.6	1001	582	58.1	477	82.0		
2	l a	119	102	85.7	99	97.1	125	102	81.6	91	89.2		
3		793	456	57.5	291	63.8	768	502	65.4	299	59.6		
4		813	468	57.6	278	59.4	759	362	47.7	260	71.8		
5		622	347	55.8	228	65.7	579	306	53.1	247	80.7		
6		147	83	56.5	78	94.0	133	73	54.9	69	94.5		
7		1814	1038	57.2	885	85.3	1717	889	51.8	796	89.5		
8		659	332	50.4	276	83.1	633	354	55.9	312	88.1		
9		206	160	77.7	151	94.4	177	136	76.8	123	90.4		
10		439	284	64.7	237	83.5	423	281	66.4	215	76.5		
11		835	498	59.6	404	81.1	777	390	50.2	329	84.4		
12		951	570	59.9	461	80.9	928	465	50.1	385	82.8		
13		592	372	62.8	289	77.7	562	324	57.7	301	92.9		
14		1290	707	54.8	519	73.4	1213	643	53.0	548	85.2		
15		1441	829	57.5	645	77.8	1369	742	54.2	626	84.4		
16		96	65	67.7	59	90.8	93	52	55.9	47	90.4		
17		98	82	83.7	68	82.9	96	69	71.9	64	92.8		
18		111	80	72.1	57	71.3	92	60	65.2	53	88.3		
19		158	126	79.7	117	92.9	145	113	77.9	96	85.0		
20		1134	691	60.9	466	67.4	1069	631	59.0	450	71.3		
21		885	448	50.6	254	56.7	855	387	45.3	256	66.1		
22		742	446	60.1	378	84.8	672	422	62.8	375	88.9		
23		128	80	62.5	64	80.0	123	83	67.5	70	84.3		
24		2326	1331	57.2	958	72.0	2218	1140	51.4	985	86.4		
25		77	66	85.7	61	92.4	59	48	81.4	46	95.8		
26		2290	1459	63.7	1009	69.2	2164	1285	59.4	1013	78.8		
27		559	287	51.3	183	63.8	521	211	40.5	160	75.8		
28		1299	772	59.4	547	70.9	1212	691	57.0	567	82.1		
29		121	62	51.2	57	91.9	103	49	47.6	41	83.7		
30		177	88	49.7	85	96.6	165	104	63.0	94	90.4		
31		186	85	45.7	62	72.9	184	62	33.7	52	83.9		
32		118	87	73.7	78	89.7	107	64	59.8	56	87.5		
33		240	168	70.0	95	56.5	236	117	49.6	104	88.9		
34		134	92	68.7	85	92.4	132	80	60.6	68	85.0		
35		149	102	68.5	73	71.6	138	72	52.2	60	83.3		
		22821	13496	59.1	10069	74.6	21545	11891	55.2	9735	81.9		

ij d i kkkkj eanh xbz Hkkstu dh enka dh Lohdk; rk dh jkT; &okj fLFkr

Øe l a	jkT;	l epk; }kj [kk klu dh Lohdk; rk					
		, uvkj	gla	ugla	doy dñ ena	t kM+	i fr'kr gla
1	vkdek i nsk	0	31	1	3	35	88.6
2	v#.kkpy i nsk	1	9	0	0	10	90
3	vl e	5	20	1	4	30	66.7
4	fcgkj	0	30	0	0	30	100
5	NÜkh x<+	0	16	4	0	20	80
6	xkøk	0	5	0	0	5	100
7	xqjkr	1	52	4	3	60	86.7
8	gfj; k.kk	0	11	2	7	20	55
9	fgekpy i nsk	0	10	0	0	10	100
10	tEewrFkk d'ehj	0	20	0	0	20	100
11	>kj [k.M	0	23	1	1	25	92
12	duw/d	0	26	1	3	30	86.7
13	djy	0	17	2	1	20	85
14	ee; i nsk	0	35	3	2	40	87.5
15	egkj"V"	0	37	0	2	40	92.5
16	ef.kij	0	5	0	0	5	100
17	e9kky;	0	2	0	3	5	40
18	fetlje	0	5	0	0	5	100
19	ukxlyM	0	8	2	0	10	80
20	mMkl k	6	26	7	1	40	65
21	i atc	0	24	0	1	25	96
22	jkT LFKku	0	19	3	6	28	67.9
23	fl fdde	0	5	0	0	5	100
24	rfeyukMq	0	62	3	0	65	95.4
25	f=i jk	0	5	0	0	5	100
26	mÜkj i nsk	1	18	46	5	70	25.7
27	mÜkj k [kM	0	6	2	7	15	40
28	i f'pe caxty	0	38	2	0	40	95
29	vMeku , oafudkckj }hi l eg	0	5	0	0	5	100
30	pMhx<+	0	5	0	0	5	100
31	fnYyh	0	4	0	1	5	80
32	nkj vlg uxj goyh	0	5	0	0	5	100
33	neu vlg ntho	2	3	0	0	5	60
34	y{k}hi	0	5	0	0	5	100
35	i kMppjh	0	5	0	0	5	100
t kM+		17	597	84	50	748	79.8



xHhbrh efgykvlads l æak ea Vhdkdj .k dk jkt; &okj dojst

Øe la	jkt;	fVvul Vhdkdj .k iktl dJusokyh xHhbrh efgyk, a			i fr'lr ifr'iflr			igyh Dgkcd			i ktl Dgkcdh l f; k		
		,u vkj	gla	ugla	i rkt ugha	I Hh	i rkt ugha	,u vj	Dgkcd	i rkt ugha	,u vj	Dgkcd	I Hh
1	vHhbrh i nsk	0	102	38	0	140	72.9	2	23	77	0	38	140
2	v# .kpy l nsk	0	32	8	0	40	80.0	0	9	23	0	8	40
3	vle	0	80	39	1	120	66.7	0	31	49	0	40	120
4	fcgkj	0	66	52	3	121	54.5	0	21	44	1	55	121
5	NHh X<+	8	44	28	0	80	55.0	0	15	29	0	36	80
6	xHhok	0	11	7	0	18	61.1	0	4	7	0	7	18
7	xHh jlr	0	212	28	0	240	88.3	0	90	122	0	28	240
8	gfj; k.kk	0	70	10	0	80	87.5	0	30	40	0	10	80
9	fgeloy l nsk	2	30	8	0	40	75.0	0	5	25	0	10	40
10	tEwrfk d'elij	4	64	6	5	79	81.0	0	21	42	1	15	79
11	>kj [k.M	4	61	35	0	100	61.0	0	20	41	0	39	100
12	duHd	0	102	18	0	120	85.0	0	42	60	0	18	120
13	djy	0	69	11	0	80	86.3	0	31	38	0	11	80
14	ee; i nsk	7	109	44	0	160	68.1	0	51	58	0	51	160
15	egkjv'	1	139	20	0	160	86.9	0	68	71	0	21	160
16	ef.kij	0	11	9	0	20	55.0	0	7	4	0	9	20
17	eHky;	0	15	5	0	20	75.0	0	7	8	0	5	20
18	fetige	0	16	3	1	20	80.0	2	8	6	0	4	20
19	uxkyM	1	33	6	0	40	82.5	0	12	20	1	7	40
20	mHh k	1	98	59	0	158	62.0	1	30	66	1	60	158
21	i atlc	1	91	8	0	100	91.0	0	26	65	0	9	100
22	jktLFku	5	86	29	0	120	71.7	0	13	72	1	34	120
23	fl fDe	0	17	3	0	20	85.0	0	7	10	0	3	20
24	rfeyuMlq	0	225	28	5	258	87.2	0	71	151	3	33	258
25	f=i jk	1	15	4	0	20	75.0	0	1	14	0	5	20
26	mHkj i nsk	0	195	81	0	276	70.7	1	82	107	5	81	276
27	mHkj k[M]	1	45	13	0	59	76.3	0	14	31	0	14	59
28	if pe caky	1	123	31	1	156	78.8	0	37	83	3	33	156
29	vHeku , ofuclakj }hi l eg	0	11	7	0	18	61.1	0	4	7	0	7	18
30	pMhx<+	0	19	1	0	20	95.0	0	3	16	0	1	20
31	fnYh	0	18	2	0	20	90.0	0	5	13	0	2	20
32	nknj vHj uxj goy'h	0	14	6	0	20	70.0	0	9	5	0	6	20
33	neu vHj nio	0	15	5	0	20	75.0	1	7	6	1	5	20
34	Y{k}hi	0	15	5	0	20	75.0	0	5	10	0	5	20
35	iHhM'pjh	0	19	1	0	20	95.0	0	5	14	0	1	20
	tMh+	37	2272	658	16	2983	76.2	7	814	1434	17	711	2983

cPpka ds tle ds l e; ot u dh jkT; &okj fLFkfr

Øe l a	jkt;	fWuL Vhldcj .k i kir- xliZbrh efgyk, a			i kir [lgkldadh l q; k				irk ugha	3000 xte vlg vfkcd	2500& 3000 xte	2000 xte	2000& 2500 xte	2500& 3000 xte	irk ugha	, u ,	l Hh
		u vlg	gla	ugla	irk ugha	l Hh	2000 xte	2000& 2500 xte									
1	vllkz inSk	0	171	3	1	175	1	6	37	88	39	1	4	175			
2	v# .Mpy inSk	0	25	24	1	50	1	5	2	7	11	0	25	50			
3	vle	0	93	55	2	150	2	9	21	40	15	8	57	150			
4	fcgkj	0	37	112	1	150	1	1	3	24	7	2	113	150			
5	Nllk x<+	0	68	32	0	100	0	5	26	25	5	7	32	100			
6	xlak	0	21	4	0	25	0	1	2	6	6	6	4	25			
7	xat jkr	0	257	42	1	300	1	10	59	119	57	12	43	300			
8	gfj : k. lk	0	93	7	0	100	0	4	28	36	21	4	7	100			
9	fgelpy inSk	0	50	0	0	50	0	0	4	40	6	0	0	50			
10	t'earFlk d'elij	3	67	29	1	100	1	3	28	21	9	6	33	100			
11	>kj [k.M	0	40	85	0	125	0	1	2	13	19	5	85	125			
12	dukd	0	119	29	0	148	0	0	21	51	42	5	29	148			
13	djy	0	98	2	0	100	0	6	19	39	34	0	2	100			
14	ee: inSk	1	145	52	2	200	2	12	42	45	26	20	55	200			
15	egjkr*	0	179	20	1	200	1	19	65	48	36	11	21	200			
16	ef.kij	0	2	23	0	25	0	0	0	1	0	1	23	25			
17	epky;	0	24	1	0	25	0	1	9	11	3	0	1	25			
18	fetje	0	23	0	2	25	0	0	0	8	15	0	2	25			
19	uixkyl	0	17	32	0	49	0	0	8	2	0	7	32	49			
20	mMh k	0	143	56	1	200	1	9	41	42	38	13	57	200			
21	iatlc	1	105	17	2	125	2	11	10	51	14	19	20	125			
22	jkTLflu	0	99	36	0	135	0	1	4	14	7	73	36	135			
23	fl fdde	0	19	6	0	25	0	0	6	6	7	0	6	25			
24	rfeyuMq	0	303	21	1	325	1	13	66	121	100	3	22	325			
25	f=iqk	0	25	0	0	25	0	0	25	0	0	0	0	25			
26	mlkj inSk	0	129	221	0	350	0	10	33	52	18	16	221	350			
27	mlkj jMM	0	34	41	0	75	0	0	14	6	4	10	41	75			
28	if pe caky	0	173	26	1	200	1	7	61	71	31	3	27	200			
29	Meku o fudckj jhi l eg	0	26	0	0	26	0	1	6	15	3	1	0	26			
30	pMx<+	0	19	6	0	25	0	1	7	7	3	1	6	25			
31	fnYh	0	20	4	1	25	1	1	3	12	3	1	5	25			
32	nmj vlg uxj gosh	0	25	0	0	25	0	1	1	8	14	1	0	25			
33	neu vlg nlo	0	20	3	2	25	2	2	2	10	6	0	5	25			
34	y{r}jhi	0	24	1	0	25	0	2	7	6	4	5	1	25			
35	iMvpsjh	0	25	0	0	25	0	0	1	16	8	0	0	25			
	tMM+	5	2718	990	20	3733	20	142	663	1061	611	241	1015	3733			

6 ekg l s3 o"lZ ds cPpkæ ds Vhdkdj .k dh jkt; &okj fLFkfr

Øe l a	jkt;	Mhivh										cHlhtH				
		u v;j	i gylh [l;kl	nw jh [l;kl	rhl jh [l;kl	culVj	ugla nh xbz	i rk ugla	I lkh	nh xbz [l;kl %	u v;j	gla	ugla	i rk ugla	I lkh	nh xbz [l;kl %
1	vllæz inrk	1	16	11	128	9	10	0	175	93.7	0	162	13	0	175	92.6
2	v#lmpy inrk	0	16	10	8	5	11	0	50	78.0	0	34	16	0	50	68.0
3	vle	4	28	5	73	7	33	0	150	75.3	4	113	33	0	150	75.3
4	fcglj	1	17	40	24	1	67	0	150	54.7	1	80	69	0	150	53.3
5	Nlkh x<+	1	24	13	20	17	25	0	100	74.0	0	68	32	0	100	68.0
6	xæk	0	1	1	22	0	1	0	25	96.0	0	24	1	0	25	96.0
7	xæjlr	1	28	17	174	64	16	0	300	94.3	1	279	20	0	300	93.0
8	gfj .k.lk	0	16	5	50	25	4	0	100	96.0	0	96	4	0	100	96.0
9	fgelpy inrk	2	5	0	25	18	0	0	50	96.0	0	48	2	0	50	96.0
10	tfew rFlk d'elaj	10	26	23	39	1	1	0	100	89.0	9	89	2	0	100	89.0
11	>lj [k.M	6	5	12	40	18	44	0	125	60.0	6	75	44	0	125	60.0
12	duw/d	0	2	3	75	61	7	0	148	95.3	0	141	7	0	148	95.3
13	djy	0	22	6	12	59	1	0	100	99.0	0	95	5	0	100	95.0
14	eè; inrk	3	63	27	79	7	21	0	200	88.0	3	166	31	0	200	83.0
15	eghjiv"	1	57	6	77	45	11	3	200	92.5	0	188	12	0	200	94.0
16	ef.kij	0	8	3	8	3	3	0	25	88.0	0	20	5	0	25	8.0
17	eæky;	0	5	5	3	3	9	0	25	64.0	0	16	9	0	25	64.0
18	fe t;je	1	1	1	5	16	1	0	25	92.0	0	23	2	0	25	92.0
19	uixtyM	5	21	4	5	4	10	0	49	69.4	3	20	26	0	49	40.8
20	mMh k	17	83	24	29	14	18	15	200	75.0	15	152	19	14	200	76.0
21	iatlc	2	37	14	48	20	4	0	125	95.2	0	121	4	0	125	96.8
22	jktLFku	3	10	8	50	14	24	26	135	60.7	3	81	25	26	135	60.0
23	fl dde	0	3	12	7	0	3	0	25	88.0	0	19	6	0	25	76.0
24	rfeyuMq	1	49	23	130	122	0	0	325	99.7	0	325	0	0	325	100.0
25	f=i;kt	0	10	9	3	0	3	0	25	88.0	1	20	4	0	25	80.0
26	mlkj inrk	3	45	67	100	27	108	0	350	68.3	2	234	114	0	350	66.9
27	mlkj [M	0	0	0	39	22	14	0	75	81.3	0	60	15	0	75	80.0
28	if pe cæky	4	15	4	98	45	34	0	200	81.0	1	165	34	0	200	82.5
29	Mæku o fudk; jil eeg	1	3	4	7	8	3	0	26	84.6	0	23	3	0	26	88.5
30	pMhx<+	0	3	3	9	10	0	0	25	100.0	0	22	2	1	25	88.0
31	fnYyh	0	0	0	24	0	1	0	25	96.0	0	24	1	0	25	96.0
32	nnj v;g uxj gsyh	0	13	5	3	2	2	0	25	92.0	0	23	2	0	25	92.0
33	neu v;g nto	1	6	0	11	6	1	0	25	92.0	1	23	1	0	25	92.0
34	y(t)hi	2	1	0	12	10	0	0	25	92.0	2	23	0	0	25	92.0
35	iMhM;psjh	0	0	0	16	0	0	0	25	100.0	0	25	0	0	25	100.0
tMh+		70	639	374	1453	663	490	44	3733	83.8	52	3077	563	41	3733	82.4

I efdr cky fodkl I þokvæðs rhu n'kd&, d eil; kðu

t kjh-----

Øe I a	JKT;	i kfy; ks				fovkifeu , I fgr vlggj				I Hh	% fn; k x; k		
		, uvkj	i gosh	ml jh	ml jh	glak	ugla	irk ugha	, uvkj				
1	vllak inrk	0	18	12	145	175	2	144	28	0	1	175	82.3
2	v# .lpy inrk	0	13	17	20	50	0	20	30	0	0	50	40.0
3	vle	3	41	12	94	150	8	96	45	0	1	150	64.0
4	fcgjj	1	10	49	90	150	3	74	72	0	1	150	49.3
5	NUkl X<+	1	20	24	55	100	3	43	52	0	2	100	43.0
6	xlok	0	1	1	23	25	0	19	5	0	1	25	76.0
7	xqtjir	1	27	15	257	300	3	246	44	0	7	300	82.0
8	gfj; k.lk	0	23	6	71	100	4	82	13	0	1	100	82.0
9	fgelpy inrk	0	7	4	39	50	0	43	7	0	0	50	86.0
10	t'earFlk d'ehj	1	24	24	51	100	12	79	9	0	0	100	79.0
11	>kj [k.M	1	11	16	97	125	5	58	60	0	2	125	46.4
12	dumcla	0	2	3	143	148	1	120	27	0	0	148	81.1
13	djy	0	16	7	77	100	0	90	10	0	0	100	90.0
14	ee; inrk	1	50	40	109	200	6	148	46	0	0	200	74.0
15	egjkr	1	54	3	142	200	2	167	27	3	1	200	83.5
16	ef.kij	0	8	3	14	25	1	16	8	0	0	25	64.0
17	efky;	0	4	6	15	25	0	12	13	0	0	25	48.0
18	fe.tje	0	3	0	22	25	0	20	5	0	0	25	80.0
19	uixlyM	0	35	14	0	49	3	18	28	0	0	49	36.7
20	mMh k	13	53	12	122	200	31	105	44	12	8	200	52.5
21	i.atlc	0	44	8	73	125	4	107	12	0	2	125	85.6
22	jt.LFlu	3	8	5	119	135	2	72	32	25	4	135	53.3
23	fl fdde	0	8	15	2	25	0	15	10	0	0	25	60.0
24	rfeyuMlq	1	61	29	234	325	6	291	26	0	2	325	89.5
25	f=i.jk	2	6	17	0	25	3	14	8	0	0	25	56.0
26	mlkj inrk	4	40	57	249	350	8	184	156	0	2	350	52.6
27	mlkj[ML	0	2	2	71	75	0	54	14	0	7	75	72.0
28	i'pe cky	0	20	6	174	200	1	152	44	0	3	200	76.0
29	vleku , oafucslj jhi i eaj	0	5	6	15	26	1	20	5	0	0	26	76.0
30	pMlx<+	1	2	1	21	25	1	20	3	1	0	25	80.0
31	fn'Yh	0	1	0	24	25	0	20	5	0	0	25	80.0
32	nlkj vlg uxj gosh	0	20	4	1	25	1	19	5	0	0	25	76.0
33	neu vlg nlo	1	7	0	17	25	1	20	4	0	0	25	80.0
34	y(f)hi	0	3	0	22	25	2	17	5	0	1	25	68.0
35	iMlpgj	0	0	3	22	25	0	25	0	0	0	25	100.0
	t.M+	35	647	421	2630	3733	114	2635	897	41	46	3733	70.6

cPpkadsVhdkdj.k dk jkT; &okj dojst 1/3&6 o"klz

Øe l a	jkT;	i nÜk Mh Vh c¼Vj					
		, uvkj	gla	ugla	i rk ugha	t kM+	nh xbz [kj kd dk i fr'kr
1	vklkz i nsk	6	87	81	0	174	50.0
2	v#.kkpy i nsk	4	28	19	0	51	54.9
3	vle	2	74	72	2	150	49.3
4	fcgkj	0	58	91	1	150	38.7
5	NÜkh x<+	2	40	58	0	100	40.0
6	xkok	1	17	7	0	25	68.0
7	xqjkr	1	194	102	3	300	64.7
8	gfj; k.kk	2	59	39	0	100	59.0
9	fgekpy i nsk	1	27	22	0	50	54.0
10	tEwrFkk d'ehj	1	45	54	0	100	45.0
11	>kj [k.M	0	41	82	2	125	32.8
12	dukl/d	0	85	62	3	150	56.7
13	djy	1	54	45	0	100	54.0
14	eè; i nsk	6	128	66	0	200	64.0
15	egjk"Vº	2	122	76	1	201	60.7
16	ef.kij	0	19	6	0	25	76.0
17	e9ky;	0	14	11	0	25	56.0
18	fetkje	0	15	10	0	25	60.0
19	ulxkyM	1	25	24	0	50	50.0
20	mMh k	1	119	75	3	198	60.1
21	i atkc	3	85	37	0	125	68.0
22	jk tLFku	0	87	54	0	141	61.7
23	fl fDde	2	12	11	0	25	48.0
24	rfeyukMq	7	220	96	1	324	67.9
25	f=i jk	1	13	11	0	25	52.0
26	mÜkj i nsk	3	143	203	1	350	40.9
27	mÜkj k [kM	1	39	35	0	75	52.0
28	i f'pe cakly	2	122	73	1	198	61.6
29	vMeku o fudckj }hi l eg	1	10	14	0	25	40.0
30	pMhx<+	0	12	13	0	25	48.0
31	fnYyh	1	15	9	0	25	60.0
32	nknj vlg uxj gosyh	1	9	15	0	25	36.0
33	neu vlg nho	0	9	16	0	25	36.0
34	y{k}hi	1	13	11	0	25	52.0
35	i kMpgjh	0	12	13	0	25	48.0
t kM+		54	2052	1613	18	3737	54.9

I efdr cky fodkl I sk dsdk; &fu"iknu I sl æfkr I ærd & buið i æku

jkt;	ifj;æuk	LFXu		tM 2	tM 3	i f'kr(kr		tM 6	vækuoMh dk; ðarð dk nsgk		tM 8	I ello;	tM 9	I d i sksgj dh v'itirz	tM 10	Hkj tgyu	tM 11	ih, I bz	tM 12	tM 13	tM 14	I ello; n	buið jvk		
		tM 1	tM 4			tM 5	Vf dk		cktoi-	I f; k														cktoi-	I f; k
væku innk	001	-2.2	-0.5	-0.6	-1.6	0.2	5	0.2	25	0.4	0.0	1	0.6	365	0.7	5	0.6	1	0.6	1	1.3	5	0.9	0.7	3
væku innk	002	0.4	-0.2	-0.1	0.6	0.2	5	0.2	23	0.3	-0.4	1	0.6	365	0.7	4	-0.3	1	0.6	1	1.3	5	0.9	0.7	3
væku innk	003	0.4	0.9	1.6	0.6	0.2	5	0.2	40	1.7	-0.6	1	0.6	365	0.7	5	0.6	1	0.6	1	1.3	5	0.9	0.7	4
væku innk	004	0.4	0.1	1.7	0.6	0.2	5	0.2	37	1.4	-1.1	1	0.6	359	0.6	5	0.6	1	0.6	0	-0.7	5	0.9	0.7	4
væku innk	005	0.4	1.2	0.8	0.6	0.2	5	0.2	20	0.0	-0.7	1	0.6	291	-0.5	5	0.6	1	0.6	0	-0.7	0	-1.6	1.8	3
væku innk	006	0.4	0.9	0.7	0.6	0.2	5	0.2	10	-0.8	0.0	1	0.6	352	0.5	4	-0.3	1	0.6	1	1.3	0	-1.6	3.5	4
væku innk	007	0.4	3.8	2.4	0.6	0.2	5	0.2	25	0.4	-0.6	1	0.6	354	0.5	5	0.6	1	0.6	0	-0.7	3	-0.1	9.0	4
v# .lpy if	008	0.4	-0.2	-0.2	0.6	0.2	4	-2.1	10	-0.8	-0.4	1	0.6	278	-0.7	0	-3.7	1	0.6	1	1.3	4	0.4	-3.9	1
v# .lpy if	009	0.4	-0.2	-0.6	0.6	0.2	1	-9.1	18	-0.1	-0.2	1	0.6	365	0.7	0	-3.7	1	0.6	0	-0.7	0	-1.6	-13.1	2
vle	010	0.4	-0.2	-0.5	0.6	0.2	5	0.2	3	-1.4	-0.8	1	0.6	89.8	-3.7	5	0.6	0	-1.6	0	-0.7	0	-1.6	-7.9	2
vle	011	0.4	-0.2	-0.6	0.6	0.2	5	0.2	10	-0.8	-0.4	1	0.6	201	-2.0	4	-0.3	1	0.6	0	-0.7	3	-0.1	-2.4	1
vle	012	0.4	-0.2	-0.7	0.6	1.9	5	0.2	8	-1.0	2.4	1	0.6	160	-2.6	5	0.6	1	0.6	0	-0.7	0	-1.6	0.6	1
vle	013	0.4	2.4	1.5	0.6	0.2	5	0.2	20	0.0	0.1	1	0.6	105	-3.5	4	-0.3	1	0.6	0	-0.7	3	-0.1	2.1	2
vle	014	0.4	1.5	1.8	-1.6	0.2	5	0.2	30	0.8	-0.3	0	-1.6	229	-1.5	1	-2.8	0	-1.6	0	-0.7	2	-0.6	-5.7	2
vle	015	0.4	-0.5	-0.6	0.6	3.6	5	0.2	25	0.4	1.6	1	0.6	272	-0.8	5	0.6	1	0.6	0	-0.7	0	-1.6	4.4	1
fegkj	016	-2.2	-1.4	-0.6	-1.6	-1.4	5	0.2	33	1.1	-1.6	1	0.6	199	-2.0	5	0.6	0	-1.6	0	-0.7	5	0.9	-9.8	1
fegkj	017	0.4	-1.4	0.8	0.6	-1.4	5	0.2	17	-0.2	-1.2	1	0.6	281	-0.7	5	0.6	0	-1.6	0	-0.7	0	-1.6	-5.6	1
fegkj	018	0.4	-1.4	0.3	0.6	-1.4	5	0.2	15	-0.4	0.0	1	0.6	299	-0.4	5	0.6	0	-1.6	0	-0.7	0	-1.6	-4.8	1
fegkj	019	-2.2	-1.4	0.8	-1.6	-1.4	5	0.2	11	-0.7	-0.3	0	-1.6	249	-1.2	5	0.6	0	-1.6	0	-0.7	0	-1.6	-12.9	1
fegkj	020	0.4	-1.4	0.0	0.6	-1.4	5	0.2	40	1.7	0.3	0	-1.6	268	-0.9	5	0.6	1	0.6	0	-0.7	0	-1.6	-3.2	2
fegkj	021	-2.2	-1.6	0.5	-1.6	-3.1	5	0.2	3	-1.4	-2.2	1	0.6	208	-1.9	3	-1.1	0	-1.6	0	-0.7	5	0.9	-15.3	1
NÜhki X<	022	0.4	1.5	1.3	0.6	0.2	5	0.2	38	1.5	-0.1	1	0.6	335	0.2	5	0.6	0	-1.6	0	-0.7	1	-1.1	3.6	2
NÜhki X<	023	-2.2	-0.5	-0.6	-1.6	0.2	5	0.2	8	-1.0	0.0	0	-1.6	358	0.6	5	0.6	1	0.6	0	-0.7	0	-1.6	-7.7	2
NÜhki X<	024	-2.2	-0.5	-0.5	-1.6	0.2	5	0.2	10	-0.8	-1.3	1	0.6	359	0.6	4	-0.3	1	0.6	1	1.3	5	0.9	-2.7	1
NÜhki X<	025	0.4	-1.1	-1.2	0.6	0.2	5	0.2	2	-1.5	-1.2	1	0.6	336	0.2	4	-0.3	1	0.6	0	-0.7	5	0.9	-2.1	1
xrok	026	0.4	0.1	-0.1	0.6	0.2	5	0.2	25	0.4	-1.2	0	-1.6	365	0.7	5	0.6	1	0.6	1	1.3	0	-1.6	0.6	3
xp;jkr	027	0.4	-0.8	0.2	0.6	0.2	5	0.2	11	-0.7	3.6	1	0.6	365	0.7	4	-0.3	0	-1.6	0	-0.7	4	0.4	2.8	2

I efdr cky fodkl | Þekktarstu n'kd&, d eil; kdu

t kjh-----

jkt;	ifj; skuk		Lfkku		if'kt(kr		vaxuMh dk; d'iriz dk n'gk		tM 8		V- cfo-i-		I ello;		tM 9		i'rd i'skigij d'iriz v'iriz		tM 10		Mkj r'syu		tM 11		th, l bz		tM 12		m'yc/k, u'p, b'lh f'dv		tM 13		f'p'dr'k f'dv		tM 14		I ello; u		bui'v	
	tM 1	tM 2	tM 3	tM 4	tM 5	Vr'ck	tM 6	I'q; k	tM 7	tM 8	V- cfo-i-	I'q; k	tM 9	tM 10	m'yc/k	Ld'ij	tM 11	m'yc/k	Ld'ij	tM 12	m'yc/k	Ld'ij	tM 13	m'yc/k	Ld'ij	tM 14	m'yc/k	Ld'ij	tM 15	m'yc/k	Ld'ij	tM 16	m'yc/k	Ld'ij	tM 17	m'yc/k	Ld'ij			
102	0.4	-0.5	-0.8	-1.9	0.2	5	0.2	20	0.0	0.4	1	0.6	0.6	0.7	4	-0.3	0	-1.6	0	-0.7	0	-0.7	2	-0.6	0	-0.6	0	-0.6	0	-0.6	0	-0.6	0	-0.6	0	-0.6	-3.6	3		
103	0.4	1.5	0.9	0.6	0.2	5	0.2	7	-1.1	-0.2	1	0.6	0.4	0.7	5	0.6	0	-1.6	0	-0.7	0	-0.7	1	-1.1	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0.9	2
104	0.4	0.4	0.0	0.6	0.2	5	0.2	5	-1.2	-1.0	1	0.6	-0.2	0.4	5	0.6	0	-1.6	0	-0.7	0	-0.7	3	-0.1	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	2.4	3
105	0.4	0.7	-0.7	0.6	0.2	5	0.2	40	1.7	1.2	1	0.6	0.6	0.6	5	0.6	0	-1.6	0	-0.7	0	-0.7	5	0.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	4.2	3
106	0.4	-0.2	0.3	0.6	0.2	5	0.2	29	0.8	0.6	1	0.6	0.6	0.7	5	0.6	0	-1.6	0	-0.7	0	-0.7	5	0.9	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	7.6	4
107	0.4	-0.2	-0.2	0.6	0.2	5	0.2	37	1.4	0.2	1	0.6	0.6	0.7	4	-0.3	1	0.6	1	1.3	4	1.3	4	0.4	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	6.0	4		
108	0.4	0.1	0.7	0.6	1.9	4	-2.1	16	-0.3	2.4	1	0.6	0.6	0.7	5	0.6	0	-1.6	0	-0.7	0	-0.7	5	0.9	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	5.9	4		
109	0.4	-0.5	-0.8	0.6	1.9	5	0.2	30	0.8	3.1	1	0.6	0.6	0.7	5	0.6	0	-1.6	0	-0.7	0	-0.7	2	-0.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	6.9	4		
110	0.4	-0.5	-0.7	0.6	0.2	5	0.2	5	-1.2	1.0	1	0.6	0.6	0.6	4	-0.3	1	0.6	1	1.3	0	-0.7	2	-0.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	1.4	3		
111	0.4	-0.2	-0.4	0.6	0.2	5	0.2	22	0.2	0.8	0	-1.6	0.6	0.7	5	0.6	0	-1.6	0	-0.7	0	-0.7	5	0.9	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	3.3	3		
112	0.4	-1.1	-0.7	0.6	0.2	5	0.2	28	0.7	-0.3	0	-1.6	0.6	0.7	5	0.6	0	-1.6	0	-0.7	0	-0.7	5	0.9	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0.5	3		
113	0.4	-0.8	-0.7	0.6	0.2	5	0.2	26	0.5	1.3	1	0.6	0.6	0.7	5	0.6	0	-1.6	0	-0.7	0	-0.7	5	0.9	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	5.5	3		
114	0.4	-1.1	-0.4	0.6	0.2	5	0.2	30	0.8	0.8	1	0.6	0.6	0.7	5	0.6	0	-1.6	0	-0.7	0	-0.7	5	0.9	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	5.4	3		
115	-2.2	-1.1	-1.7	-1.6	-1.4	5	0.2	40	1.7	1.1	0	-1.6	0.6	0.6	5	0.6	0	-1.6	0	-0.7	0	-0.7	5	0.9	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	3.3	3		
116	0.4	-0.8	-0.3	0.6	0.2	5	0.2	30	0.8	-0.1	0	-1.6	0.6	0.7	5	0.6	0	-1.6	0	-0.7	0	-0.7	5	0.9	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	5.5	3		
117	0.4	-1.4	-1.6	0.6	-1.4	5	0.2	27	0.6	-1.6	1	0.6	0.6	0.7	4	-0.3	1	0.6	1	1.3	0	-0.7	5	0.9	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	3.1	4		
118	0.4	0.1	-0.1	0.6	0.2	5	0.2	12	-0.6	0.4	1	0.6	0.6	0.7	5	0.6	0	-1.6	0	-0.7	0	-0.7	5	0.9	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	5.4	3		
119	0.4	-0.5	-0.8	0.6	0.2	5	0.2	6	-1.1	-1.3	1	0.6	0.6	0.7	4	-0.3	1	0.6	1	1.3	0	-0.7	5	0.9	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	5.9	2		
120	-2.2	-0.8	-0.7	-1.6	0.2	5	0.2	17	-0.2	-0.4	0	-1.6	0.6	0.7	5	0.6	0	-1.6	0	-0.7	0	-0.7	5	0.9	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	5.9	2		
121	-2.2	-0.2	-0.2	-1.6	0.2	5	0.2	12	-0.6	-1.1	1	0.6	0.6	0.7	4	-0.3	1	0.6	1	1.3	0	-0.7	5	0.9	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	5.9	2		
122	0.4	-0.2	0.6	0.6	0.2	5	0.2	5	-1.2	-0.6	0	-1.6	0.6	0.7	5	0.6	0	-1.6	0	-0.7	0	-0.7	5	0.9	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	3.8	2		
123	0.4	0.9	1.2	0.6	0.2	5	0.2	12	-0.6	0.4	1	0.6	0.6	0.7	5	0.6	0	-1.6	0	-0.7	0	-0.7	5	0.9	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	3.1	4		
124	0.4	0.4	0.2	0.6	0.2	5	0.2	12	-0.6	0.4	1	0.6	0.6	0.7	5	0.6	0	-1.6	0	-0.7	0	-0.7	5	0.9	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	3.1	4		
125	0.4	0.4	0.8	0.6	0.2	5	0.2	11	-0.7	-0.2	0	-1.6	0.6	0.7	4	-0.3	1	0.6	1	1.3	0	-0.7	5	0.9	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	3.1	4		
126	-2.2	0.4	0.6	-1.6	0.2	5	0.2	9	-0.9	0.6	0	-1.6	0.6	0.7	5	0.6	0	-1.6	0	-0.7	0	-0.7	5	0.9	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	3.8	2		
127	-2.2	-0.5	-0.3	-1.6	0.2	5	0.2	17	-0.2	0.0	1	0.6	0.6	0.7	5	0.6	0	-1.6	0	-0.7	0	-0.7	5	0.9	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	3.8	2		
128	0.4	-0.5	-0.4	0.6	0.2	5	0.2	17	-0.2	0.0	1	0.6	0.6	0.7	5	0.6	0	-1.6	0	-0.7	0	-0.7	5	0.9	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	3.8	2		
129	0.4	-0.2	-0.4	0.6	0.2	5	0.2	30	0.8	-0.6	1	0.6	0.6	0.7	4	-0.3	1	0.6	1	1.3	0	-0.7	5	0.9	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	4.0	2		
130	-2.2	-1.4	-0.4	-1.6	-1.4	5	0.2	16	-0.3	-1.2	1	0.6	0.6	0.7	4	-0.3	1	0.6	1	1.3	0	-0.7	5	0.9	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	4.0	2		
131	0.4	0.9	1.1	0.6	0.2	5	0.2	0	-1.6	-0.6	0	-1.6	0.6	0.7	5	0.6	0	-1.6	0	-0.7	0	-0.7	5	0.9	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	4.0	2		
132	0.4	-0.2	-0.5	0.6	0.2	5	0.2	12	-0.6	0.4	1	0.6	0.6	0.7	5	0.6	0	-1.6	0	-0.7	0	-0.7	5	0.9	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	4.0	2		
133	0.4	-0.5	-0.8	0.6	0.2	5	0.2	5	-1.2	-1.0	1	0.6	0.6	0.7	5	0.6	0	-1.6	0	-0.7	0	-0.7	5	0.9	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	4.0	2		
134	0.4	-0.8	-1.2	0.6	0.2	5	0.2	8	-1.0	-1.6	0	-1.6	0.6	0.7	5	0.6	0	-1.6	0	-0.7	0	-0.7	5	0.9	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	4.1	2		
135	0.4	0.1	0.0	0.6	0.2	5	0.2	8	-1.0	-1.2	1	0.6	0.6	0.7	4	-0.3	1	0.6	1	1.3	0	-0.7	5	0.9	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	4.1	2		
136	0.4	-0.2	-0.4	0.6	0.2	5	0.2	20	0.0	0.8	1	0.6	0.6	0.7	4	-0.3	1	0.6	1	1.3	0	-0.7	5	0.9	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	4.1	2		
137	0.4	1.5	0.8	0.6	0.2	5	0.2	20	0.0	0.3	1	0.6	0.6	0.7	5	0.6	0	-1.6	0	-0.7	0	-0.7	5	0.9	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	4.1	2		
138	-2.2	-1.6	-2.3	-1.6	-3.1	5	0.2	0	-1.6	-2.2	0	-1.6	0.6	0.7	5	0.6	0	-1.6	0	-0.7	0	-0.7	5	0.9	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	0	-1.6	6.3	3		

I esdr cky fodkl I ok dsdk; &fu"iknu dsl dard & vkmViψ vkš ifj .ke

ifj; kskuk	vk; dk	I h; y I n/h		i ksk. k Lrj					i h; I bz	i w; LOKLF; i frj (k. k			i kffed fpdfRI k			, u, pblh I =		j d; y		i kffed Ld; y		dfi kttv bmbDI								
		Ld; y	tM 1	tM 2	tM 3	tM 4	tM 5	tM 6		tM 7	tM 8	tM 9	tM 10	tM 11	tM 12	e; k; y	tM 13	tM 14	tM 14											
vllb; imsk	001	124.2	0.98	27.3	0.08	33	0.53	8	0.11	3	0.13	0	-0.46	139	0.11	40	0.05	9	-0.16	36	0.91	45	0.82	5	0.44	6	-0.01	47	-0.27	3.9264
vllb; imsk	002	124.0	0.96	27.9	0.18	30	0.32	7	-0.04	5	0.70	1	0.53	136	0.00	45	0.25	8	-0.43	34	0.66	44	0.74	5	0.44	9	0.56	100	1.97	4.3914
vllb; imsk	003	124.6	1.01	26.5	-0.06	38	0.88	8	0.11	3	0.13	0	-0.46	161	0.93	39	0.02	11	0.38	37	1.03	49	1.16	5	0.44	9	0.56	73	0.82	7.6135
vllb; imsk	004	121.4	0.76	33.7	1.20	25	-0.04	21	2.02	2	-0.16	0	-0.46	147	0.41	56	0.69	10	0.11	34	0.66	41	0.49	5	0.44	13	1.31	68	0.61	9.2889
vllb; imsk	005	102.6	-0.72	29.4	0.45	38	0.88	4	-0.48	2	-0.16	0	-0.46	101	-1.30	48	0.37	8	-0.43	40	1.40	48	1.08	5	0.44	8	0.37	33	-0.87	1.8127
vllb; imsk	006	111.6	-0.01	28.6	0.30	20	-0.39	22	2.17	1	-0.44	0	-0.46	155	0.70	69	1.21	16	1.72	39	1.27	45	0.82	5	0.44	13	1.31	50	-0.15	10.3112
vllb; imsk	007	110.4	-0.11	30.4	0.62	26	0.03	23	2.32	0	-0.72	0	-0.46	141	0.18	72	1.33	15	1.46	40	1.40	50	1.24	5	0.44	21	2.81	52	-0.06	12.8554
v# .lpy insk	008	79.0	-2.57	33.1	1.09	2	-1.66	0	-1.07	0	-0.72	0	-0.46	92	-1.64	18	-0.82	7	-0.70	22	-0.81	26	-0.77	1	-3.07	14	1.50	67	0.57	-8.7325
v# .lpy insk	009	80.4	-2.46	30.3	0.60	44	1.30	2	-0.77	0	-0.72	0	-0.46	79	-2.12	12	-1.06	16	1.72	27	-0.19	47	0.99	3	-1.31	4	-0.38	19	-1.46	-3.9490
vle	010	113.2	0.11	26.5	-0.07	25	-0.04	5	-0.33	0	-0.72	1	0.53	97	-1.45	14	-0.98	8	-0.43	33	0.54	44	0.74	5	0.44	4	-0.38	63	0.40	-1.2401
vle	011	112.4	0.05	30.3	0.60	20	-0.39	4	-0.48	2	-0.16	1	0.53	118	-0.67	21	-0.70	6	-0.96	20	-1.05	10	-2.11	4	-0.43	6	-0.01	47	-0.27	-6.7948
vle	012	111.4	-0.03	28.7	0.33	12	-0.95	0	-1.07	0	-0.72	1	0.53	112	-0.90	72	1.33	10	0.11	17	-1.42	24	-0.93	0	-3.94	1	-0.95	67	0.57	-7.6489
vle	013	121.6	0.77	31.1	0.74	34	0.60	4	-0.48	1	-0.44	0	-0.46	96	-1.49	55	0.65	6	-0.96	33	0.54	45	0.82	3	-1.31	7	0.18	22	-1.33	-0.3654
vle	014	101.0	-0.84	27.5	0.12	25	-0.04	4	-0.48	0	-0.72	0	-0.46	117	-0.71	0	-1.54	9	-0.16	30	0.17	27	-0.68	5	0.44	12	1.12	59	0.23	-1.1632
vle	015	107.0	-0.37	29.2	0.42	4	-1.52	0	-1.07	0	-0.72	0	-0.46	117	-0.71	42	0.13	10	0.11	25	-0.44	33	-0.18	1	-3.07	2	-0.76	42	-0.49	-6.7450
f; g; j	016	89.4	-1.75	25.5	-0.23	0	-1.80	1	-0.92	2	-0.16	3	2.51	116	-0.75	6	-1.30	8	-0.43	14	-1.78	5	-2.52	5	0.44	4	-0.38	42	-0.49	-14.2592
f; g; j	017	106.4	-0.42	26.5	-0.06	41	1.09	0	-1.07	4	0.41	1	0.53	0	-5.06	6	-1.30	0	-2.58	21	-0.93	44	0.74	5	0.44	12	1.12	31	-0.95	-9.9017
f; g; j	018	108.4	-0.26	25.8	-0.18	33	0.53	3	-0.63	4	0.41	0	-0.46	0	-5.06	3	-1.42	10	0.11	24	-0.56	33	-0.18	5	0.44	7	0.18	29	-1.04	-8.0057
f; g; j	019	101.6	-0.80	20.0	-1.20	0	-1.80	0	-1.07	0	-0.72	0	-0.46	144	0.29	0	-1.54	4	-1.50	0	-3.49	14	-1.77	3	-1.31	0	-1.13	12	-1.76	-15.8813
f; g; j	020	105.6	-0.48	29.1	0.39	10	-1.09	2	-0.77	1	-0.44	0	-0.46	125	-0.41	21	-0.70	12	0.65	11	-2.15	18	-1.44	5	0.44	3	-0.57	60	0.27	-4.9582
f; g; j	021	89.6	-1.74	28.5	0.29	0	-1.80	0	-1.07	0	-0.72	0	-0.46	140	0.15	31	-0.30	10	0.11	15	-1.66	4	-2.61	5	0.44	1	-0.95	54	0.02	-7.9153
Nllh X <	022	102.0	-0.76	18.4	-1.47	25	-0.04	0	-1.07	0	-0.72	0	-0.46	145	0.33	7	-1.26	7	-0.70	26	-0.32	22	-1.10	5	0.44	10	0.75	38	-0.66	-4.6573
Nllh X <	023	114.2	0.19	23.1	-0.65	18	-0.53	8	0.11	5	0.70	1	0.53	151	0.56	10	-1.14	8	-0.43	18	-1.29	17	-1.52	5	0.44	5	-0.19	67	0.57	-5.1038
Nllh X <	024	113.0	0.10	14.8	-2.10	11	-1.02	1	-0.92	5	0.70	0	-0.46	101	-1.30	26	-0.50	15	1.46	21	-0.93	24	-0.93	5	0.44	5	-0.19	51	-0.11	-6.2421
Nllh X <	025	120.8	0.71	10.7	-2.81	5	-1.45	6	-0.18	4	0.41	1	0.53	100	-1.34	33	-0.22	3	-1.77	29	0.05	43	0.66	5	0.44	9	0.56	29	-1.04	-7.3370
x; ok	026	114.0	0.18	34.2	1.28	37	0.81	8	0.11	0	-0.72	0	-0.46	162	0.96	54	0.61	7	-0.70	19	-1.17	25	-0.85	5	0.44	4	-0.38	71	0.74	3.2261
x; f; j; r	027	123.0	0.88	32.2	0.94	31	0.39	5	-0.33	1	-0.44	7	6.48	163	1.00	49	0.41	10	0.11	21	-0.93	46	0.91	5	0.44	4	-0.38	56	0.11	-2.4921
x; f; j; r	028	112.8	0.08	28.7	0.32	26	0.03	15	1.14	7	1.27	2	1.52	158	0.82	42	0.13	11	0.38	40	1.40	50	1.24	5	0.44	10	0.75	80	1.12	5.0708

I efdr cky fodkl | Þekktu dæmið n'kd&, d eij; kdu

t kjh-----

Íg; ktu	Vkd; e/	Vil; e/		I h; y I mh		i k; k Lrj					i h; l bz	i w; Lof; i frj (k		i k fkd fpdr k			u; p, p m h I =		j o j y		i k fkd Ldy		d e i f k t v b u m b i						
		Ldy	t m 1	Ldy	t m 2	t m 3	t m 4	t m 5	t m 6	t m 7		t m 8	t m 9	t m 10	t m 11	t m 12	t m 13	t m 14	t m 15	t m 16	t m 17								
029	119.0	0.57	31.6	0.83	17	-0.60	20	1.88	#	2.97	0	-0.46	156	0.74	44	0.21	13	0.92	29	0.05	40	0.41	3	-1.31	0	-1.13	95	1.76	1.8096
030	122.6	0.85	24.5	-0.40	25	-0.04	0	-1.07	0	-0.72	0	-0.46	138	0.07	45	0.25	6	-0.96	35	0.78	47	0.99	5	0.44	12	1.12	113	2.52	5.7497
031	118.2	0.51	25.8	-0.19	39	0.95	4	-0.48	0	-0.72	0	-0.46	151	0.56	45	0.25	9	-0.16	35	0.78	48	1.08	4	-0.43	6	-0.01	59	0.23	4.2786
032	115.2	0.27	32.1	0.91	39	0.95	5	-0.33	0	-0.72	0	-0.46	158	0.82	54	0.61	7	-0.70	25	-0.44	31	-0.35	5	0.44	4	-0.38	69	0.66	3.6553
033	109.6	-0.17	30.8	0.68	38	0.88	2	-0.77	4	0.41	4	3.51	132	-0.15	83	1.76	7	-0.70	35	0.78	32	-0.26	5	0.44	4	-0.38	66	0.53	-1.2692
034	100.0	-0.92	30.4	0.61	44	1.30	0	-1.07	2	-0.16	0	-0.46	134	-0.08	81	1.68	12	0.65	35	0.78	26	-0.77	5	0.44	3	-0.57	47	-0.27	2.4203
035	113.6	0.15	33.0	1.07	41	1.09	5	-0.33	4	0.41	0	-0.46	129	-0.26	82	1.72	14	1.19	39	1.27	37	0.16	5	0.44	0	-1.13	78	1.04	6.4444
036	113.4	0.13	21.9	-0.86	35	0.67	11	0.55	4	0.41	0	-0.46	161	0.93	54	0.61	10	1.11	34	0.66	43	0.66	5	0.44	11	0.93	40	-0.57	4.3113
037	120.8	0.71	21.3	-0.97	37	0.81	11	0.55	2	-0.16	0	-0.46	119	-0.64	64	1.01	10	1.11	38	1.15	47	0.99	5	0.44	6	-0.01	48	-0.23	4.5481
038	102.2	-0.75	22.8	-0.70	26	0.03	15	1.14	6	0.98	0	-0.46	146	0.37	62	0.93	13	0.92	37	1.03	47	0.99	5	0.44	2	-0.76	52	-0.06	3.0662
039	125.0	1.04	29.5	0.47	48	1.58	0	-1.07	0	-0.72	0	-0.46	152	0.59	35	-0.14	9	-0.16	22	-0.81	11	-2.02	5	0.44	4	-0.38	39	-0.61	0.1244
040	117.4	0.44	24.5	-0.41	28	0.18	16	1.29	5	0.70	0	-0.46	170	1.26	58	0.77	9	-0.16	34	0.66	44	0.74	5	0.44	3	-0.57	70	0.70	4.8592
041	125.2	1.05	26.8	-0.01	32	0.46	16	1.29	2	-0.16	0	-0.46	155	0.70	76	1.49	11	0.38	23	-0.68	44	0.74	5	0.44	2	-0.76	52	-0.06	5.6535
042	109.0	-0.22	30.2	0.59	47	1.51	2	-0.77	0	-0.72	0	-0.46	156	0.74	36	-0.10	11	0.38	32	0.42	31	-0.35	5	0.44	4	-0.38	40	-0.57	2.8816
043	125.8	1.10	30.9	0.70	45	1.37	3	-0.63	2	-0.16	0	-0.46	128	-0.30	70	1.25	10	1.11	23	-0.68	47	0.99	5	0.44	9	0.56	30	-0.99	4.5437
044	133.4	1.70	32.8	1.04	50	1.73	0	-1.07	0	-0.72	0	-0.46	158	0.82	49	0.41	15	1.46	33	0.54	50	1.24	5	0.44	0	-1.13	56	0.11	8.4641
045	106.0	-0.45	25.4	-0.25	20	-0.39	4	-0.48	2	-0.16	0	-0.46	143	0.26	36	-0.10	10	1.11	20	-1.05	47	0.99	2	-2.19	16	1.87	47	-0.27	-1.3291
046	125.0	1.04	30.1	0.57	33	0.53	14	0.99	3	0.13	0	-0.46	91	-1.68	9	-1.18	12	0.65	21	-0.93	29	-0.51	5	0.44	14	1.50	16	-1.59	0.1741
047	120.6	0.69	29.3	0.42	45	1.37	3	-0.63	0	-0.72	0	-0.46	121	-0.56	54	0.61	13	0.92	27	-0.19	44	0.74	5	0.44	3	-0.57	37	-0.70	3.7422
048	103.6	-0.64	24.8	-0.35	40	1.02	2	-0.77	0	-0.72	0	-0.46	78	-2.16	0	-1.54	7	-0.70	20	-1.05	11	-2.02	5	0.44	12	1.12	58	0.19	-5.2619
049	99.8	-0.94	28.9	0.35	21	-0.32	13	0.85	6	0.98	3	2.51	145	0.33	34	-0.18	8	-0.43	21	-0.93	48	1.08	5	0.44	2	-0.76	27	-1.12	-5.1171
050	93.0	-1.47	19.4	-1.29	16	-0.67	9	0.26	5	0.70	2	1.52	147	0.41	25	-0.54	3	-1.77	22	-0.81	21	-1.18	5	0.44	0	-1.13	33	-0.87	-10.8482
051	108.0	-0.29	28.7	0.32	3	-1.59	2	-0.77	0	-0.72	0	-0.46	145	0.33	12	-1.06	10	1.11	22	-0.81	20	-1.27	5	0.44	0	-1.13	33	-0.87	-5.3882
052	98.4	-1.05	21.7	-0.90	16	-0.67	14	0.99	1	-0.44	0	-0.46	131	-0.19	62	0.93	13	0.92	24	-0.56	14	-1.77	5	0.44	0	-1.13	41	-0.53	-2.6166
053	102.2	-0.75	29.3	0.42	2	-1.66	6	-0.18	2	-0.16	0	-0.46	143	0.26	19	-0.78	7	-0.70	23	-0.68	29	-0.51	5	0.44	4	-0.38	33	-0.87	-4.7701
054	119.4	0.60	36.5	1.69	50	1.73	0	-1.07	0	-0.72	0	-0.46	155	0.70	87	1.92	10	1.11	38	1.15	38	0.24	5	0.44	3	-0.57	67	0.57	8.7075
055	112.4	0.05	33.7	1.20	44	1.30	1	-0.92	0	-0.72	0	-0.46	161	0.93	63	0.97	11	0.38	35	0.78	19	-1.35	5	0.44	4	-0.38	60	0.27	4.8671
056	131.2	1.52	35.9	1.57	28	1.18	5	-0.33	2	-0.16	0	-0.46	151	0.56	70	1.25	10	1.11	31	0.29	42	0.57	5	0.44	4	-0.38	35	-0.78	5.6221
057	116.8	0.40	28.0	0.20	27	1.10	0	-1.07	0	-0.72	0	-0.46	164	1.04	68	1.17	10	1.11	29	0.05	31	-0.35	5	0.44	7	0.18	55	0.06	3.5320
058	114.8	0.24	27.6	0.12	6	-1.38	9	0.26	6	0.98	0	-0.46	140	0.26	50	0.45	9	-0.16	25	-0.44	32	-0.26	4	-0.43	7	0.18	49	-0.19	-1.8643
059	118.2	0.51	32.8	1.04	12	-0.95	11	0.55	2	-0.16	2	1.52	143	0.15	73	1.37	10	1.11	38	1.15	46	0.91	5	0.44	4	-0.38	53	-0.02	3.5006
060	129.0	1.35	35.0	1.43	38	0.88	10	0.40	1	-0.44	0	-0.46	142	0.22	41	0.99	13	0.92	35	0.78	42	0.57	5	0.44	2	-0.76	56	0.11	7.3494
061	135.0	1.82	37.5	1.85	40	1.02	10	0.40	0	-0.72	0	-0.46	145	0.33	42	0.13	5	-1.23	32	0.42	41	0.49	5	0.44	0	-1.13	44	-0.40	5.3356
062	127.2	1.21	33.2	1.10	49	1.66	1	0.92	0	-0.72	0	-0.46	135	-0.04	72	1.33	9	-0.16	28	-0.02	42	0.57	5	0.44	0	-1.13	61	0.32	5.9492
063	114.0	0.18	20.0	-1.20	35	0.67	2	-0.77	3	0.13	1	0.53	128	-0.30	77	1.53	11	0.38	32	0.42	42	0.57	3	-1.31	0	-1.13	70	0.70	-0.9370
064	133.6	1.71	28.7	0.32	43	1.23	2	-0.77	3	0.13	1	0.53	145	0.33	57	0.73	7	-0.70	37	1.03	44	0.74	4	-0.43	3	-0.57	43	-0.44	2.5264

I efdar cky fodkl I skvka ds rhu n'kd&, d eW; kdu

t kjh-----

i j; tsk	vk gk		i h; y		i ksk k l rj				i h; i bz		i w; l o l u f; i f r j (k k				i i k f e d f p d r l k				, u, p b m h		j o j y		i i k f e d l d y		d e i k f e d b m d i					
	L d g	t m 1	L d g	t m 2	t m 3	t m 4	t m 5	t m 6	t m 7	t m 8	t m 9	t m 10	t m 11	t m 12	t m 13	t m 14	t m 15	t m 16	t m 17	t m 18	t m 19	t m 20	t m 21	t m 22						
jkt fku	86.8	-1.96	10.1	-2.92	22	-0.25	5	-0.33	1	-0.44	1	0.53	149	0.48	51	0.49	19	2.53	40	1.40	50	1.24	5	0.44	0	-1.13	27	-1.12	-1.2082	
jkt fku	96.6	-1.19	20.1	-1.18	18	-0.53	6	-0.18	0	-0.72	0	-0.46	161	0.93	66	1.09	19	2.53	36	0.91	50	1.24	5	0.44	4	-0.38	17	-1.54	3.3178	
jkt fku	97.0	-1.16	17.6	-1.61	13	-0.88	9	0.26	2	-0.16	0	-0.46	56	-2.98	8	-1.22	16	1.72	29	0.05	47	0.99	4	-0.43	0	-1.13	151	4.12	-1.6420	
fl idde	125.6	1.09	27.1	0.04	50	1.73	0	-1.07	0	-0.72	0	-0.46	150	0.52	3	-1.42	10	0.11	38	1.15	41	0.49	5	0.44	5	-0.19	39	-0.61	3.4602	
rfeyuqq	122.4	0.84	28.9	0.35	38	0.88	9	0.26	3	0.13	0	-0.46	153	0.63	3	-1.42	7	-0.70	40	1.40	48	1.08	5	0.44	9	0.56	49	-0.19	4.4589	
rfeyuqq	135.4	1.85	28.8	0.33	32	0.46	13	0.85	5	0.70	0	-0.46	157	0.78	62	0.93	8	-0.43	29	0.05	45	0.45	5	0.44	5	-0.19	84	1.29	6.9532	
rfeyuqq	131.2	1.52	27.7	0.14	31	0.39	16	1.29	1	-0.44	0	-0.46	152	0.59	55	0.65	15	1.46	34	0.66	38	0.24	5	0.44	7	0.18	72	0.78	9.2518	
rfeyuqq	124.8	1.02	29.9	0.53	20	-0.39	13	0.85	3	0.13	0	-0.46	154	0.67	68	1.17	14	1.19	32	0.42	34	-0.10	5	0.44	19	2.44	78	1.04	9.6063	
rfeyuqq	114.0	0.18	26.5	-0.07	30	0.32	8	0.11	2	-0.16	1	0.53	156	0.74	66	1.09	14	1.19	26	-0.32	46	0.91	5	0.44	10	0.75	98	1.88	6.8427	
rfeyuqq	117.0	0.41	25.9	-0.17	34	0.60	9	0.26	3	0.13	0	-0.46	156	0.74	25	-0.54	10	0.11	39	1.27	47	0.99	5	0.44	9	0.56	44	-0.40	4.6058	
rfeyuqq	136.6	1.95	25.0	-0.32	16	-0.67	19	1.73	2	-0.16	0	-0.46	155	0.70	66	1.09	13	0.92	32	0.42	32	-0.26	4	-0.43	2	-0.76	75	0.91	5.8897	
rfeyuqq	122.0	0.80	25.7	-0.20	23	-0.18	20	1.88	3	0.13	1	0.53	151	0.56	66	0.69	12	0.65	35	0.78	34	-0.10	5	0.44	3	-0.57	60	0.27	4.3811	
rfeyuqq	120.4	0.68	22.8	-0.71	20	-0.39	10	0.40	1	-0.44	2	1.52	138	0.07	66	1.09	17	1.99	33	0.54	33	-0.18	3	-1.31	4	-0.38	46	-0.32	4.0430	
rfeyuqq	124.0	0.96	29.6	0.47	31	0.39	13	0.85	5	0.70	0	-0.46	153	0.63	24	-0.58	10	0.11	38	1.15	49	1.16	5	0.44	4	-0.38	75	0.91	5.8736	
rfeyuqq	115.0	0.92	14.8	-2.10	6	-1.38	44	5.41	0	-0.72	0	-0.46	155	0.70	95	2.24	9	-0.16	34	0.66	49	1.16	5	0.44	0	-1.13	62	0.36	6.4799	
rfeyuqq	114.0	0.18	22.3	-0.79	30	0.32	7	-0.04	0	-0.72	0	-0.46	151	0.56	60	0.85	12	0.65	11	0.29	34	-0.10	1	-3.07	2	-0.76	68	0.61	-0.1086	
rfeyuqq	115.2	0.27	19.6	-1.26	12	-0.95	8	0.11	3	0.13	1	0.53	110	-0.97	57	0.73	10	0.11	33	0.54	19	-1.35	5	0.44	17	2.06	39	-0.61	-1.5375	
f=igt	118	114.2	0.19	29.2	0.42	1	-1.73	1	-0.92	0	-0.72	0	-0.46	129	-0.26	0	-1.54	14	1.19	41	1.52	50	1.24	4	-0.43	2	-0.76	37	-0.70	-0.5920
mlij i rsk	119	104.4	-0.58	29.7	0.49	26	0.03	14	0.99	4	0.41	0	-0.46	160	0.89	67	1.13	5	-1.23	25	-0.44	25	-0.85	5	0.44	0	-1.13	36	-0.74	-0.9411
mlij i rsk	120	93.6	-1.42	29.6	0.49	0	-1.80	0	-1.07	0	-0.72	0	-0.46	156	0.74	39	0.02	2	-2.04	11	-2.15	13	-1.85	5	0.44	1	-0.95	32	-0.91	-9.3139
mlij i rsk	121	100.4	-0.89	23.6	-0.57	2	-1.66	1	-0.92	2	-0.16	0	-0.46	137	0.03	17	-0.86	6	-0.96	25	-0.44	23	-1.02	4	-0.43	4	-0.38	28	-1.08	-8.5595
mlij i rsk	122	101.6	-0.80	24.6	-0.39	5	-1.45	14	0.99	1	-0.44	0	-0.46	144	0.29	27	-0.46	3	-1.77	28	-0.07	37	0.16	5	0.44	1	-0.95	21	-1.37	-4.4670
mlij i rsk	123	101.4	-0.81	20.2	-1.15	0	-1.80	0	-1.07	0	-0.72	0	-0.46	139	0.11	3	-1.42	7	-0.70	5	-2.88	6	-2.44	0	-3.94	1	-0.95	69	0.66	-15.2030
mlij i rsk	124	107.8	-0.31	30.6	0.66	2	-1.66	3	-0.63	3	0.13	1	0.53	155	0.70	17	-0.86	5	-1.23	12	-2.03	10	-2.11	5	0.44	1	-0.95	61	0.32	-8.2987
mlij i rsk	125	111.6	-0.01	24.4	-0.43	18	-0.53	22	2.17	2	-0.16	1	0.53	145	0.33	26	-0.50	12	0.65	31	0.29	42	0.57	5	0.44	5	-0.19	12	-1.76	0.6704
mlij i rsk	126	92.4	-1.52	25.7	-0.21	0	-1.80	0	-1.07	0	-0.72	0	-0.46	144	0.29	6	-1.30	5	-1.23	10	-2.27	3	-2.69	1	-3.07	0	-1.13	13	-1.71	-16.5123
mlij i rsk	127	91.2	-1.61	23.5	-0.58	12	-0.95	7	-0.04	3	0.13	0	-0.46	137	0.03	27	-0.46	14	1.19	33	0.54	48	1.08	5	0.44	4	-0.38	22	-1.33	-1.7399
mlij i rsk	128	104.8	-0.54	25.7	-0.20	14	-0.81	1	-0.92	0	-0.72	1	0.53	144	0.29	30	-0.34	6	-0.96	20	-1.05	13	-1.85	3	-1.31	2	-0.76	25	-1.21	-9.4720
mlij i rsk	129	119.2	0.58	20.7	-1.07	24	-0.11	10	0.40	7	1.27	0	-0.46	150	0.52	24	-0.58	9	-0.16	25	-0.44	47	0.99	5	0.44	7	0.18	48	-0.23	-0.2619
mlij i rsk	130	122.2	0.82	27.7	0.15	13	-0.88	0	-1.07	1	-0.44	0	-0.46	140	0.15	21	-0.70	11	0.38	22	-0.81	22	-1.10	4	-0.43	6	-0.01	51	-0.11	-2.6980
mlij i rsk	131	95.2	-1.30	25.4	-0.25	20	-0.39	11	0.55	0	-0.72	0	-0.46	144	0.29	23	-0.62	13	0.92	26	-0.32	21	-1.18	5	0.44	3	-0.57	31	-0.95	-2.1807
mlij i rsk	132	120.2	0.66	26.6	-0.04	0	-1.80	0	-1.07	0	-0.72	0	-0.46	139	0.11	6	-1.30	9	-0.16	20	-1.05	19	-1.35	5	0.44	3	-0.57	75	0.91	-4.0224
mlij i rsk	133	113.0	0.10	25.7	-0.20	30	0.32	8	0.11	2	-0.16	0	-0.46	152	0.59	73	1.37	10	0.11	25	-0.44	32	-0.26	5	0.44	2	-0.76	59	0.23	2.2351
mlij i rsk	134	102.2	-0.75	23.0	-0.67	27	0.10	11	0.55	2	-0.16	1	0.53	124	-0.45	67	1.13	11	0.38	31	0.29	37	0.16	4	-0.43	2	-0.76	38	-0.66	-1.4698
mlij i rsk	135	88.8	-1.80	21.2	-0.99	24	-0.11	0	-1.07	1	-0.44	1	0.53	97	-1.45	38	-0.02	10	0.11	26	-0.32	25	-0.85	5	0.44	4	-0.38	66	0.53	-5.9897
i f'pe csky	136	120.2	0.66	31.8	0.86	29	0.25	10	0.40	2	-0.16	0	-0.46	154	0.67	66	1.09	2	-2.04	38	1.15	47	0.99	5	0.44	17	2.06	35	-0.78	6.3693



राष्ट्रीय जन सहयोग एवं बाल विकास संस्थान
5, सीरी इंस्टीट्यूशनल एरिया
हौज खास, नई दिल्ली - 110016