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Ekkyok ds i kNfrd lk; Mu dlnks dh LFkkfud fo'ks'krk, j o forj.k i fr: lk

vfuek

"kkk Nk=k ih , p Mh- Wlkksy/½ nsh vfgY; k fo"fo|ky;] blnkj %e-i z½

I kj ká k :-LoLFk lk; kbj .k pksog i kNfrd gks; k ekuoh—r lk; Mu dsfy, , d vk/kkj Hkkar I j puk gA i jUrqmu LFkyka i j lk; Mu ds i kNfrd gksrsg osfcxMusyxrsgSD; kfid lk; M/dksdh I fo/kk dksgh i kFkfedrk nh tkrh gA ftl dsQyLo: lk vf/kdkk lk; Mu LFkyka i j udkjRed i Hkko i Musyxrk gA vRk%lk; Mu dsc<rspj .k rFkk lk; kbj .k ákl I scpusdsfy, i k—frd lk; Mu dks i kNfrd kfgR djuk vko"; d gS D; kfid bl dk I h/kk i Hkko I ekt] I k—fr] f"kk{k} rFkk ns'k dsvkfFkd i {k i j i Mrk gA

'kCn dqt h : i k—frd lk; Mu] LFkkfud forj .k] fudVre i Mkd h fclnqA

i Lrkouk :

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i Lrk v/; ; u dk eq; mnns' ; i ns'k ds i k—frd lk; Mu dlnkad h tkudkj h i klr djuk gS rkd i k—frd lk; Mu dlnkad k i dku o I j {k.k i klr gsl dsA

v/; ; u {ks=

orZku v/; ; u grrqkyok i ns'k dk p; u fd; k x; k gStkse/; i ns'k dh , d egroi wZ HkSkksfyd bdkbzgsftl dsvarxR jkT; ds16 ftysl fEefyr gS ; Fkk & uhep] enl kS] jryke] >kcq/k /kkj] "kktki j] jktx<] blnkj] mTtS] Hkks ky] nskl]d I hgkS] jk; I u] fofn"ki] xqk rFkk I kxj A bl dk HkSkksfyd foLrkj 21024* i ohZns'krj I s78029* i ohZns'krj dse/; rd gA bl dk dty {ks=QG 105450 oxZfd-eh- gA

vkadMksdsL=kr , oafof/k r=

{ks= ds i kNfrd lk; Mu dlnkadsv/; ; u grrqvkMkMkdsnksek/; ekaI sl xfgR fd; k x; k gA i kFkfed vkMkMkdsvarxR 0; fDrxr I o{k.k ds }jkj tggWo' kZ2011 o 2012 dse/; p; fur lk; Mu dlnka i j i 'ukoyh o I k{kRdkj dsek/; e I slk; M/dkads dk; kRed o 0; ogkfjd vkMkMa i klr fd, x, A oghaf}rh; d vkMkMkadsvLrxR i dkk"kr L=kr kS] lk; kbj .k o lk; Mu I dS/kr i f=dk, j bA/juV vkfn I si klr fd, x, gA bu vkMkMkads I dty ds mi j klr mudk I kj .kh; u vS fo"ysk.k DykdZ, oabokul dh cgg pfyr fudVre i Mkd h fclnqfo"ysk.k fof/k ds i klr vkMkMkadsvk/kkj i j fd; k x; k gA

lkfj p;

lk; Mu viusvki eslk; kbj .k i j vk/kkj m | ksx gSvS i k—frd lk; Mu bl dsvkf[kjh v/; k; ds: lk eafpflgr gqk gA ftl I slk; kbj .k ds i j {k.k ds i kFk I kFk i k—frd LFky: i kS, frgkfl d Lekj dksrFkk ol; thou dksHkh I j {k.k i klr gqk gA fo"ky oukadsjk'Vh; m | ku ?kkf'kr fd; k x; k gS tggWk; Mu , oal j {k.k , d I kFk gksrk gA vkt rd lk; M/dka dks tggk= i j kRkRod /kjksjka o I k—frd /kjksjks I sl rQV gksuk i Mrk Fkk] ogha i k—frd lk; Mu uslk; M/dkadsfy, u; s }kj [kky fn, gS tks lk; kbj .k fe=] I ekt I ekt gA

Ekkyok
i k—frd lk; Mu dñnz %LFkfr ekuf=½



Ekkyok {ks= ea i k—frd l kñ; Zdk vijfer Hkñkj gñ jk'Vh; m|ku| vñk; kj.; } i {kh fogkj] >hy] >juš xQkvka vkfn l s l á Uu bl {ks= dk yxñkx 75 i fr"kr Hkñkx i k—frd l kñ; Z}kjk vkoñk gñ fo"kký Hkñskñsyd foññkñurk] tyok; qfofo/krk dñl kFk {ks= ea mPpLrjh; ouLi fr] i qi] i kni vkfn dh foññkñu fdLeksdh Hkñ l e/nrk gñ bl i ðkj ekkyok dh i k—frd o LFkfud fo"kskrkvkads vk/kkj i j i ðk lk; Mu LFkykñk foj .k bl i ðkj gñ&

Hkñk ky

i k—frd utkj ka l sñkj i j Hkñk ky 23016" mRrjh v{kkñk , oa77036" i ðññs'kkñkj i j fLFkr gñ ; g uxj 1 uoñj 1956 l su; s e/; i n'sk dh jkt/kñuh gñ vi usi k—frd l kñ; Z, oank>hykñdñkj .k fo"o fo[; kr gñ ft l rjg LohVtjySM dk yñ uluxj vi uh gl hu >hykñdñkj .k l kjñ nñu; k eae"kgñ gSoš h gh [; kfr Hkñkj r eaññkñ ky dh l jE; >hykñdh gñ dñk Hkñ tkrk gñBrky rñkñkñ ky rky ðdh l c ryš kñA Hkñk ky dñi ðk lk; Mu LFky bl i ðkj gñ

cMh >hy o Nkñh >hy



11otal nñaeekuo fufeñ bl cMh >hy vñ Nkñh >hy ðk, d i y vyx djrk gñ ; g rkyk u dñy uxj ðñk; ðoj .k ðk "kñ] j [kuseaQOMsñk ðk; Zdjrk gñsfyd i kñjLFkfrdh rñ ðsfy. , d egROI wñzokñkj .k ðk fuekñk Hkñ djrk gñ ; g >hy ðñzi ðk tho tññkñkñ vkñ; LFky gñ ; Fkñ&dññk dh 5 i ztkfr; kññeññh o dhññkñ dh 43 i ztkfr; kññ l jññ l dh 10 i ztkfr; kññ ðkñz ðñs 106 i ztkfr; kññ ðñkñ l kñkñ l kñkñ gñ gñ] cr [k] cññkñ l Qñ o ðkññ xññ l kj l vkññ tyh; i f[k; kñkñ fuokñ LFky gñ jkñ; lk; Mu fodñ

fuxe }jkk cMh >hy eaDnt i ky] NkVh ukop ekVj] Li hm okV vKj okVj LdWj vkfn dh eukj tukRed I fo/kk, Wf nku dh xbZgA eNyh ?kj

NkVsrkyk ds l keus i jkusfo/kku I Hk Hkou ds i kl eNyh dh vk—fr tS k , d [kcl jir eNyh ?kj gS; gkMfofHku i ztkfr dh rFkk jax eNfy; kadsns[kk tk I drk gA ; g nsk dsmRRke eNyh ?kj kseal s, d gA

Oku fogkj



Oku fogkj ekyok dk , d ek= jk'Vh; m | ku gA cMh >hy ds i kl fLFkr ; g i ekn ou 445 gDVj j {ks= eaQSyk gqvk gA bl ds i k—frd vKj I jE; i fjos'k eafofHku i ztkfr; kadsol; i k.kh [kys i fjos'k eafopj.k djrs gq nsk tk I drsgA ck?k] rBnqk] gk; uk] "kj] fpry] Hkky] I On ck?k] pksl axk] I Hk] uhyxk;] taxy] I wj] taxy] dfrk] ckjgfl axk vkfn ed; ; ol; i k.kh gA bl m | ku ea vkyk] rBnq] ccy] I ky] cy] djknk] vkd] c'sk] je vkfn o'kkladh vf/kdrk gA

djok ou {ks=



jkt; lk; Mu fodkl fuxe }jkk djok ou {ks= dks i k—frd lk; Mu LFky ds: lk eafodfl r fd; k x; k gA bl dh fLFkr 23013* mRrjh v{kak , oa77020* i wZns'kkrj i j gA ; gkWi j Mds vfrfjDr , d i {kh fogkj Hkh fodfl r fd; k x; k gStgkWi j o'kzHkj nyBk i f{k; kadsns[kk tk I drk gA

I e/kkzo fcyf[kfj ; k ou {ks=



i k—frd I á nkvtal svks i ks I e/kkzo fcyf[kfj; k ou {ks= dksHkh bclsk; Mu fodkl fuxe }kjk i k—frd lk; Mu {ks= ds: lk eafodfl r fd; k tk jgk gA bl dh fLFkr 2302* mRrjh v{kk'k , oa77030* i whzns'kkarj ij gA

i k—frd , frgkfl d I agky;

28 fl rEcj 1997 dksHk ki ky ds I agky; kaea, d vks I agky; tM x; k i k—frd , frgkfl d I agky; A bl dh fLFkr 23012* mRrjh v{kk'k , oa77025* i whzns'kkarj ij gA ; g I agky; I k<sl kr , dM {ks= eaQSyk g'rk gA bl dsvar'ar t'is fofo/krk] t'is I á nk rFk Hk'fHkd fo'k'krkvka dks i nf"kr' fd; k x; k gA ; gk'Wfo"kk'yd; Ogy dh vl yh jh< gMMh , oafo"kk'yd; Mk; ukl kj ds iztkfr; ka dksn'kk tk I drk gA I agky; dh fofFkd'kvka dh "kq vkr I kr' fofHku ck; k'ekl 1/4 k—frd vkokl 1/2 I s'g'rh gA buea egkl kxj ?kkl d'shku] j'sxLrku] "kkfey gA bl ds v'frjDr fo"o dh i kfj fLFkr dh; i z k'fy; ka dksHkh i nf"kr' fd; k x; k gA bl I agky; dk y{; yk'laealk; kbj.k ds i fr' tkxfr i sh djuk rFk m'g'sbl dsegRo I si f'j'p' djuk gA

Lkhgkj

Hk ki ky I s30 fd-eh- nij fLFkr ; g 23012* mRrjh v{kk'k , oa77039* i whzns'kkarj ij gA i k—frd I á nkvtal svks i ks gkusds lk"pkr Hkh I h'gkj i k—frd lk; Mu ds {ks= eafi NMk g'rk gA i j'Ur'qd'N o'kk'kl sbl dsk; Mu fuxe }kjk {ks= eadbzi kfj fLFkr dh lk; Mu I d'kh d'bz'fodfl r tk jsgA

dBk'fr; k



i k—frd I á k'kuka I sl á Uu dBk'fr; k ou {ks= dh fLFkr 23095* mRrjh v{kk'k , oa77037* i whzns'kkarj ij fLFkr gA ; gk'W fofHku I k'N; Z ds I kFk I kFk V'f'cl'ak uk'd'k; ku] ck'V'ak I kgfl d [k'ys Hkh I á Uu g'ks' gA ; gk'W'ck j'k'kl i s'U'V'X I Hkh yk'd'fi; gA cd r'xeu ds I kFk gh bl i k—frd ou eafofHku i z'lkj ds n'y'k i f{k; kack tekoMk n'k'kus dks'feyrk gA

dkykj



dkykj unh ij fLFkr M'e dks i k—frd lk; Mu {ks= ds: lk eafodfl r fd; k x; k gA bl dh fLFkr 23010* mRrjh v{kk'k , oa 77038* i whzns'kkarj ij gA ; gk'W i j o' k'z'k'j db'z'n'y'k i f{k; k'adsn"ku I hko gA dkykj M'e eaeNyh i dMuk] uk'd'k fogkj] ty'Ø'hMk] vkfn euk'at uk'REkd f'Ø; k, Wl á Uu g'ks'rh gA

jk; I u

I ?ku oukadse/; cl k jk; I u Hkky I s45 fd-eh- nj gSbl dh fLFkr 23015* mRRjh v{k'k'k , oa77050* i whzns'karj ij gA i k-frd lk; M/dksdksvkd'f' k' d'jusgrqbl {ks= eadblLFky ekStm gA

jk'ki kuh vH; kj. ;



Hkky I s60 fd-eh- nj jk; I u ftysdsvCh'yxat rgl hy eafLFkr ekyok dk nh jk cMk vH; kj. ; gA bl dh fLFkr 22054* mRRjh v{k'k'k , oa77041* i whzns'karj gA ; g vH; kj. ; mu fxusLFkkuaeal sgStgk'k' k-frd v'kd' k'z k'k'adsl k'Fk I k'Fk i j'kd'kyhu vo'k's'k' Hkh i k'lr gq gA ; g vH; kj. ; yxHkx 638-79 oxzfd-eh- {ks= eaQSyk g'p'k gA I k'k'k'k' I ky] "kh"ke] i yk"ki] o fefJr i ztkfr ds I ?ku oukadh Nk; k eaLoNm fopj.k d'j'rsq' ck?k] r'bn'p'k] I k'k'k'j] phry] uhyxk;] vkfn n'q'kst'krsgA

HkhecVdk



jk'ki kuh vH; kj. ; eafLFkr HkhecVdk dh fLFkr 23027* mRRjh v{k'k'k , oa77005* i whzns'karj gA i k'phu c'rok v'ls' foa; k'py dsmRRjh J[k'kyk'k'adschp ?kust'axy'kar'Fk' fo'k'ky p'v'v'k'uaeayxHkx 600 i k'k'k'k ; q'chu f'k'f'r'f'p= i k'lr gq gA ftl eayky jax eacuh ekuo vk-fr , oal Qn jax eaol; i k.kh gA v'kl i k'k' dh i g'k'f'f' ; kaj j ?kust'axy o oulifr i k'bz't'krh gA ; F'k'k' veyrk"ki] cgM] cy] t'ke'p] I k'k'k'k' "kh"ke] i yk"ki] eg'p'k] [k't'ij] r'bn'q' vkfnA i g'k'k'k' ds < yku v'ls' I ery Hk'x eavke] uhe] x'w'j] beyh] i hi y] c'j'xn] i M'ka dh v'f'k'd'rk gA

nsykokMh



jkrki kuh vH; kj.; dse/; eafLFkr nsykokMh lk; Mu d'lnz l k'k'k'k' "kh'ke] o fefJr i ztkfr ds l ?ku ouka }kjk vkPNkfr gA vi uspr'nd oukadk varghu folrkj l sfdl h Hkh lk; Md dk eu ea- e/k dj nusdsfy, lk; k'zr gA ; gkWi j ?k'usfQjusdk , d vyx gh vkun gA ; g l Qkj h jat] d'EI ax o i {kh fogkj graq ok're LFky gA nsykokMh dsHkO; oV o{k dsuhpscBdj i {kh l d kj dh folr' o; k [; k dh tk l drh gA ; gk'Wds n'k'j'kt] cy'cy] g'ng'g] e'ju; k] fp'r'rnkj d'arj] i hyh Nkrh d'BOk'k'ok] l Qn Nkrh fd'afQ"j] Hk'j'rh; j'k'hu] t'xyh d'k's'k] r'hrj] i h'gk] vkfn i e'q'k'ou; i {kh gA

I gk; d unh gA

ig'ryk



uehk dh l gk; d cjuk unh ij fLFkr ig'ryk tyk" k; gA ik-frd lk; Mu fuxe }kjk bl sik-frd lk; Mu LFky ?k's'kr fd; k x; k gA ; gkai j eNyh i dMuk] uk'k'k; ku] r'j'k'hd] vkfn tyf'Ø; k, W i lu gk'rh gA

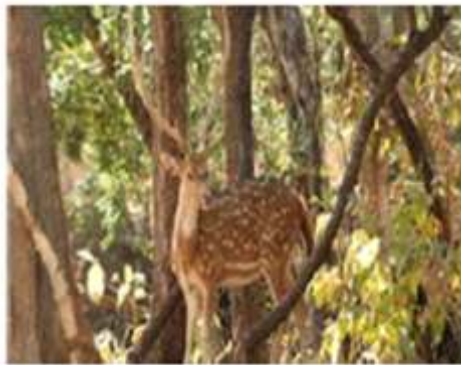
fl 'k'k'jh

jk; l su ftyk dsfl yokuh rgl hy eafLFkr fl 'k'k'jh vH; kj.; dh fLFkr 23019* mRrjh v{k'k'k , oa78020* i nh'zns'k'arj ij gA ; g vH; kj.; yxHkx 287-91 oxzfd-eh- {k= eaQSyk g'q'k' gA ck'k] r'bn'q'k] l k'k'j] phry] uhyxk;] fp'ad'k'j'k] -' .kex] vkfn t'kuoj ; gk'W dh "k'k'k'k' c<krsgA ik-frd l k'bn; Zl syckyc bl vH; kj.; l sx'q'j'rs'gq t'k'ekuf l d , oa"kk'j'hd' l q'k i k'lr gk'rk g'sog fdl h rh'F'z ; k=k l sde ughagA

nokl

l k'k'k'k' r'bn] g'jn] "kh'ke] i yk" k] eg'q'k] vkfn i k-frd ouLifr o ik-frd l k'bn; Zl sij i w'k'znokl bl'nk] l s36 fd-eh- nj e'q'cb&vk'x'k'j'k'vH; j'k'tek'z'ij fLFkr gA ; gk'W j fLFkr i e'q'k' ik-frd lk; Mu LFky bl i z'k'j' g's&

[k's'v'kuh vH; kj.;



nokl ftydsd'W'k'k'k' rgl hy eafLFkr bl vH; kj.; dh LFki uk 17 tu o'k'z1983 eag'p'z'F'k'hA bl dh fLFkr 22052* mRrjh v{k'k'k , oa77010* i nh'zns'k'arj ij gA ; g vH; kj.; yxHkx 122-70 oxzfd-eh- {k= eaQSyk g'q'k' gA bl vH; kj.; dsx'bu dk e'q'; m'n'k's'; ou; i k'f.k; k'ad'k's l j {k.k i nku djuk F'k'k' r'bn'q'k] phry] ph'ad'k'j'k] l k'k'j] uhyxk;] i 'k'j' vkfn ou; i k.kh fuH'k'j' g'k'd'j' ?k'ers'gq n'q'k's'tk l drsgA

ehBk rkyk



nokl eafLFkr ekWpkeqMk ekrk efinj dsl ehi 22012* mRrjh v{kkak , oa7606* i nhzns'kkarj ij ; g rkyk fLFkr gA ; g rkyk yxHkx 36 , dM {ks= eaQSyk gqk gA bl dsvarxR , d -f=e >jusdk fuekZk fd; k x; k gA bl rkyk dsl ehi , d m | ku Hkh fodfl r fd; k x; k gStkseyok dh l k-fr dks in'kr djrk gA

blnkj

blnkj e/; i ns'k jkT; dh vksj kfxd jkt/kkuh gStksefcbZvxjk jk'Vh; ekxz ij fLFkr gkusdsdkj.k ns'k dsl Hkh "kgjka l s l Md] jy o gokbZekxZ }kj k tMk gqk gA blnkj oue.My dsou {ks= blnkj "kgj dsl ehi fLFkr gkusdsdkj.k buds izdku ij LFkkuh; xteh.k l epk; dsl kFk l kFk "kgjh turk ij Hkh dkQh i Hkko i Mrk gSblnkj l s25 fd-eh- njh ij fLFkr egwea i ns'k dh l cl s cMh vkehZ Nkouh gA lk; dksdksvkd'kr djusgrq(ks= eadbzi k-frd lk; Mu dlnzLFkr gS; Fkk&

jkye.My



blnkj l syxHkx 10 fd-eh- nj nf{k.k i nZeafLFkr jkye.My dh fLFkr 22038* mRrjh v{kkak , oa75055* i nhzns'kkarj ij gA gkydj egkj ktkvksd l e; bl vH; kj .; dk mi ; ks f"kdj xkg ds: lk eafd; k tkrk Fk i jUrqrZku ea; g dbZcgeY; o{kksao ngyBk ol; i kf.k; kacksl j {k.k i nku djrk gA ; gkMi j l kxkSu] ySM; k] /kkoMk] clk] "kh"ke] gjfl akj] yVh Qksu; kj vkfn o{kksadh i ed[krk gA ; g vH; kj .; yxHkx 34-55 oxZfd-eh- {ks= eaQSyk gqk gA; gkMphry] uhyxk;] fgju] rBhnyk] vkfn ol; tho fuhkZ gkdj ?karsgA

; 'kollr l kxj rkyk ckWk



; "kor l kxj blnkj dk l cl scMk rkyk gStksxEHkhj unh ij gA ; g clk blnkj & ni kyij l Md ij yxHkx 6-4 fd-eh- yck gA bl rkyk dk eq; vkd'kZk fHkUu i ztkfr dsi f{k; kack vuphy ekS e ea; gkMvkuk tkuk gA i {kh fogkj grqIk; d ; gkMvkrsG

orëku esou foHkx dk iz; kl bl rkyk dksi {kh vH; kj.;; cukusdk gA

deyk ug: i kdzi k.kh l ægky;

, -ch- jkM ij fLFkr ngyBk iztkfr dsi k.kh rFkk jax fcjacs i f{k; ka dks j [kk x; k gA bl i.k.kh l ægky; eadBzlk" kq i f{k; kj tho& tarq ka dksi nf" kZ Hkh fd; k x; k gStS sl Qn "kjA

f{ki k mnxe LFky



blnkS l s11 fd-eh- nij nf{k.k i nhz ea fLFkr dkdjh ckjMh i gkMh ij f{ki k dk mnxe LFky gA bl dh fLFkr 23017* mRrjh v{kak , oa75078* i nhzns'kkarj ij gA f{ki k dk egRo i jk.k. kkaeacr; k x; k gA ; g ekyok dh xaxk unh gSt gkWi R; ad 12 o'kZeagkdHk dk vk; kst u gkrk gA dkdjh ckjMh i gkMh ij f{ki k ekrr dk Hkh fLFkr gA

i krkyi kuh



i krkyi kuh egwrgl hy dk , d , s k NkVkl k xkWB gStks l enz l syxHkx 1877 QV dh Åbkbz ij fLFkr gA bl dh fLFkr 22031* mRrjh v{kak , oa75048* i nhzns'kkarj ij gA i krkyi kuh dk i i kr u [kjh unh v{k; vU; l gk; d ukyladsty l æe l scurk gA u [kjh unh tkuki ko i gkMh dsi nhzHkx l sfudydj frUNk] cMxkn] eysMh] xtela dksugykrh gpbz i nhzfn"kk ea cgrh tkrh gsvkS 70 ehVj Åbkh i krkyi kuh i i kr dk fuekZk djrh gA bl tyi i kr dsl nhz ea, d i pfyr fo"okl dsvuq kj dM dk ty vFkk gSog i krky rd tkrk gA

eglnh dqM

egml s25 fd-eh- nij ckfM; k xte eapky unh ij fLFkr gA bl dh fLFkr 22025* mRrjh v{kak , oa75032* i nhzns'kkarj ij gA ; g , d je.kh; >juk gA ft l dh Åbkbz60 ehVj gA ; g {ks= o'kzhkj gjk Hkj jgrk gA blnkS dk l cl scMk >juk gStks12 efgukard pyrk jgrk gA >jusdh eukjH NVk v{k; vkl ikl QSyh fo; dh gjh HkjH okfn; kalk; d/cka dks i QfYr dj nrh gA iz-fr i eh lk; d/; gkMj kbi DykbzEcx v{k; Vfdax dk i jk vkun ysl drsgA

okpwlkba/

bl dh fLFkr 22026* mRrjh v{kak , oa75037 i nhzns'kkarj ij gA blnkS oueMy dsekuij i fj{ks= ea cMokg oueMy dh

I hek ij ou foHkx dk vR; r gh je.kh; ou foJke xg gStgkwl scMokg oueMy dsou dk utkjk vR; r gh I qj fn[kkbZnsrk gA
tym I sbUnkS uehk dh i kbZ ykbZu Hkh ; ghal sgkdj xqtjrh gA

tkuki ko dVh



tkuki ko dh fLFkr 22027* mRrjh v{kak , oa75045* i nhZns'krj ij gA I kxkZu] i yk'k] egv'k] djkn] pkjkyh] dsi M i kSkso
?kkl dseñku I svkPNkfr ; g dVh i kVb i ed'k ufn; kadk mnxe LFky Hkh gA ; Fkk&pa:y] pkj y] xkthj] dje o u[kjh unhA g tkjka
yk [kka'o'kz i dZ; g Tokyked'k mnxe LFky Hkh jgk gA bl I sfudyusokyh ykok I sgh ekyok dh dkyh mi tkA feVVh dk fuekZk g'k
gA bl dsi kl , d Nksh rykbZgsft I sTokyked'k Hkh dgk tkrk gA rykbZdsi kuh eaxakd dh ek=k vf/kd gA bl dsi kl , d Nksh
rykbZgsft I sTokyked'k Hkh dgk tkrk gA rykbZdsi kuh eaxakd dh ek=k vf/kd gsft I I sbl eaLuku djusl sdbZjkskal sefDr fey
tkrh gA ; g i gkM I epzry I s867 Apk gA ; gk ij Vcdax dk vkun Hkh mBk; k tk I drk gA

dtyhx< dk fdyk



bUnkS & [kMok ekxZi j fl ejky xte eafLFkr bUnkS egwl s28 fd-eh- njih ij fLFkr gA bl dh fLFkr 22053* mRrjh v{kak , oa
75091* i nhZns'krj ij gA bl fdysdh ApkZ1900 QhV gA FkkMh nj ij l ery i Bkj , oa, d i kphu Nksh'k f'ko eñj Hkh fLFkr gA
i kl ea, d ukyk Hkh cgrk gStskvkspxydj tyi i kr dk : lk ysyrk gA bl fdysdsi j{k.k dh vR; r vko"; drk gA

I hryekrk tyi i kr

egwl s22 fd-eh- nf{k.k eae'icbZvkxjk jk'Vh; ekxZekuij I seq; I Md I s3-5 fdyketVj njih ij fLFkr gA bl dh fLFkr
22022* mRrjh v{kak , oa75029* i nhZns'krj ij gA [kbbZl smrjrs I e; e/; ekxZea, d fo"kyk o'k dsuhs i k-frd xQk cuh gS
ft I ea"khryekrk dh i frek fLFkr gA I kfk gh bl I dZj xQk eayVdrh pVVkukafT I sLFkkuh; ykx Bxkfkub dgrsgA HkSkksyd nf'V
I s; g puuk fu{ki kal sfufer vR; r vkd'kd Hkvvk-fr; kllgStksv"p'rk"p , oafu"p'rk"p dk mnkgj.k i Lr'q djrh gA ; gkM j 50 ehVj
Apk tyi i kr dk fuekZk g'rk gA

frUNK QNly



frUNK xte eafLFkr dukj ukysij je.kh; >juk gSftI dh Åp'kbZ40 l s50 ehVj gSbl dh fLFkr 22032* mRrjh v{kk'k , oa 74043* i m'zn's'kkarj ij gA i k—frd LFky gksudsckj .k bln's okl h N'VV; kaei z—fr dk vkun yus; gkavkrsgA

fx) [kks

bln's l s40 fd-eh- nij fx) [kks>juk gStks70 fd-eh- dh Åp'kbZ l scgrk gA >jusdk cgko nokl oueMy e'gA bl dh fLFkr 22018* mRrjh v{kk'k , oa75070* i m'zn's'kkarj ij gA

fi i Y; ki kyk fj tuy i kdZ



bln's , -ch- jkM ij p'k'Fk'ke eMh dsfudV gh fi i Y; ki kyk fj tuy i kdZ fLFkr gA ; g yxHkx 225 , dM {ks= eaQSyk gq'k gA bl i kdZ eayxHkx 16 g'tkj l shh vf/kd i M i k'sy'xk , x, gA LFkkuh; ykx ; gk'vi z—fr dk vkun yusvkrsgA

/kkj

/kkj bln's l s60 fd-eh- nij bln's vgenkcn jk'Vh; jktekZij fLFkr gA ; g ekyok {ks= dk i kphu o , frgkfl d ftyk jgk gStksvi usLFkfud fo"kskrkv'kdsckj .k i kphu dky l sgh lk; M/dksdksvkd'f'kr djrk jgk gA ; g ekM'wdk i d's'k }kj Hk' gA ; gk'vi j fLFkr i æ'k lk; M'u LFky bl i d'kj g&

/kkj dk fdyk



bl dh fLFkr 22035* mRrjh v{kk'k , oa75018* i whzn's'karj ij g' p'k'karj Q i k—frd l a' nkvkal svks i k' fod; i o' dh , d Jskh ij fLFkr /kkj fdyk dk fuekZk o'k'1344 bZ e'eg'En r'pyd usdjok; k FkA bl dh euk'j j'puk n"kd'k'ad'k'scgr i Hk'for djrh g' lk; /d'ks'j'k'k bl fdysl sv'ed'k d'l e'tk Hk' fy; k t'k l drk g'

Lkjnkj i g' vH; kj . ;



bl vH; kj . ; dk foLrkj 22036* mRrjh v{kk'k , oa7502* i whzn's'karj ij g' /kkj ftysd' l jnkj i g' rgl hy eafLFkr bl vH; kj . ; dk xBu e/; i n's'k "kk' l u }k'k' 4 t'g'k'bz'o'k'1987 d'ks l a' lu g'p'k FkA ; g vH; kj . ; 348-12 oxZfd-eh- {ks- ea'QSyk g'p'k l j'f'kr ou dsv'x'r vkrk g' bl vH; kj . ; dk e'f' ; v'kd' k'z'k o'k'k'z'__r'q'd's'l'k'p'kr g'j'k Hk'k' lk; k'bz'.k , oa; g'k'Wi k , t'kusokys [k'j'ek'j g' ou foHk'k'x bl'nk's' l s'ik'r v'k'k'k' d's'v'k'k'j ij bl vH; kj . ; ea'27 [k'j'ek'j i k , t'krsg' ; g'k' [k'j'ek'j d's'v'f'r'f'j'Dr j'x' f'c'j'x's'n'y'k' i q' i k'ad'k's'k'k' l j' (k . k i nku fd; k x; k g'

ek'k'w



fod; i o'r ekyk'v'k'ad'se/; cl k ek.Mwi z-fr dsfofo/k l j'E; : i k'ad'k's'v' i uh oknh eal e'v's'g'g' g' bl'nk's' l s'98 fd-eh- o /kkj l s 35 fd-eh- dh njh ij fLFkr ; g {ks- l epzry l s666-7 ehVj dh A'k'k'bz'ij fLFkr g' bl dh fLFkr 22043* mRrjh v{kk'k , oa75023* i whzn's'karj ij g' o'k'k'z'__r'q'ea'ek.Mw'd's'l eku tyok; qokyk "kk; n gh d'k'bz'v'k's' LFky g'k's'k'A n's'k d's'v'U; lk; /u LFky t'g'k'W'o'k'k'z'__r'q'ea Hk'e . k d's'yk; d ughajgrsoghaek.Mwo'k'k'z'__r'q'ea'v'k's' Hk'h v'f'k'd e'k's'd o euk'j'j g'k's't'krk g' p'k'j'k'v'k's' QSyh g'f'j; kyh o t'x'g' t'x'g' i j >j'uk'ad'k' m'x'e fd' l h Hk'h lk; /d' dk eu e'k's' y'r'k' g' ; g'k'W'dh 12 >h'y'k'ao r'y'k'k'k'aus'bl dh l p'j'r'k' e'v'k's' Hk'h of) dj n's'k' g' ; g'k'W i z-fr dh v'ui'e n's'u v'k's' ekuo dh l 't'uk'R'ed "k'f'D'r dk v'f'j'r'h; l ello; f'n [k'k'bz'n's'k' g' ek.Mwi k'p'hu d'ky l s'gh y'k's'k'ad'k's'v'k'd'f'k'r dj'r'k' j'g'k' g' ekyok "kk' l d'k'aus'bl sv'k'um uxj 1/1 Vh v'k'W'd t'k'W' 1/2 dk uke f'n; k FkA ; g'k' dh LokLF; i n tyok; q, oa'U f'x'z'd l k'bn; Z l s e'q'y ckn"kk'g t'g'k'achj d'k'Qh i Hk'for FkA ek.Mw'd's'i e'f'k' i k—frd lk; /u LFky bl i z'd'k'j g's'&

j'ok'd'q'M



ek. MweafLFkr bl I jkøj dk fuekZk ckt cgknj us1550 bz eadjoj; k Fkka ftl eatyl sꣳqdh Hkh 0; oLFkk FkhA vHkh Hkh ; g I jkøj , d i fo= dqM ds: lk esfLFkr gA

thok'e i kdZ



tgkWek. Mwch bekjrs dN gtkj o'kzi gkuk bfrgkl c; ku djrh gāogha thok'e i kdZ l eLr /kkj dk dj kMka o'kzi i wZ dk bfrgkl dksc; ku djrk gS; Fkk%&

- 1-Tkc /kkj eal epzygjk; k djrsFkA
 - 2-Mk; ukl kj tc fp%kkMk djrsFkA
 - 3-i Foh nf(k.kh xksyk) Zeadc vkj dS sfLFkr FkhA
 - 4-tc 100 QW yaso(k gqk djrsFkA
 - 5-80&10 dj kM o'kzi gkusl eph tarqkadsI dMka thok'eA
 - 6-7 dj kM o'kzi gkus5 l s50 bp ouLi fr thok'ej Mk; ukl kj o vl; Fkyh; tarqkadh vlFk; ka"kkfey gA
 - 7-6 dj kM o'kzi gkuk Hkkskkyd mFky i Fky dsl k(; Hkh nqsktk l drsgA
- vkj ; sl Hkh thok'e dpy /kkj ftyal sgh , df=r fd, x, gA ; g i kdZyxHkx 89-74 gDVs j {ks= eaQSyk gqk gA

dkdMk [kkg



thok'e i kdZ ds fudV dkdMk [kkg fLFkr gA bl dh fLFkr 22021* mRrjh v{kkk l s75026* i whZns'karj ij gA ; g , d Hkw vk—frd LFky gStksyxHkx 700 QhV [kMh <ky okyh [kbbZgStksxktZdk mRre mgkgj.k i Lrnr djrh gA o'kzi_rqds l e; ; gkWi j >jukadh xM o'pkjkarvkj dh gfj; kyh , d vuq'e l kōn; Zdk si Lrnr djrh gA i kphu dky l sgh dkdMk [kkg pkjkarj Q l sekMwfdys dh j{kk djrh gA

ck?k dh xQk, W



foa; kpy i gkFM; ka ds l gE; okfn; ka eac l h ; g xQk /kkj ftyk ds dQkh rgl hy eablnkS l s158 fd-eh- ek.Mwl s125 fd-eh- rFkk /kkj l s97 fd-eh- nj fLFkr gAbu xQkvka dk fuekZk A'ph A'ph i gkFM; ka ds dkVdj fd; k x; k gA bl dh fLFkr 22037* mRrj v{kkak , oa74077* i nhzns'kkarj ij gA ; g i gkMh ckf/ku unh ds fdukj fLFkr gkus ds dkj .k gh ck?k dh xQk dky eabu xQkvka dh [kks: o'kz1818 bz eadh xba ck) xQkvka ds vfrfjDr bu {ks=kae adHk Mk; ukl kj Hk fuokl djrs FkA o'kz2006 eack?k xQkvka ds vkl i kl Mk; ukl kj ds 100 vMsi klr fd, x, tks bl ckr dh vkj l dnr djrs gS fd ; s{ks= dHk Mk; ukl kj dk vkJ; LFky FkA o'kz fudka ds vuq kj ; svMsi xHkx 6&7 dj kM o'kz i gkus gA

>kcqk



Okgnj l kxj yd ds l ehi fLFkr >kcqk 22045* mRrjh v{kkak , oa74038* i nhzns'kkarj ij fLFkr gA iz-fr }kjk i nUk vi kj l Hkkouk vka ds cotin >kcqk i ns'k dk ik-frd lk; Mu {ks= ea ukeksu" kku rd ughagA pkj karjQ foa; i o' Jf.k; ka l sf?kjs gq bl i ns'k eaeq; r%ekul uh ou ik, tkrsgA l i wZ {ks= dk 78 i fr"kr Hkx ouka l s<dk gqk gS ftl ds varxir l ky] l kxkA] "kh"ke] i yk"ki gyni rbnv] vke] i hi y] oV] uhe vkfn o{k vkrsgA bu ouka dk ek= 5 i fr"kr o ugh vkj f{kr ou ds varxir vkrsgA tks tk:V] Fkkn] i v/yon] rgl hy eai k, tkrsgA ?kusouka o i gMka l s<ds gkus ds dkj .k bu {ks=kae ad bZol; lk"qHk LoNn fopj .k djrs gA "kj] phrk] rbnv] fgj .k] l kkkj] [kj xks'k] xh]] dMdukj vta yh ewad dh i zt kr h/2 vkfn ol; lk"qcdVBhokMk o eFkokMk {ks= eai k, tkrsgS ogha Fkkn] o i v/yon eaj k'Vh; i {kh ekj ik, tkrsgA

dVBhokMk

bl dh fLFkr 22043* mRrjh v{kkak , oa75015* i nhzns'kkarj ij gA /kjr h ij tllur dgykusokyk dVBhokMk i ns'k "kkl u dh utjka l svks>y gA l eLr l Hkkouk vka ds cotin bl svh; kj .; ; k lk; Mu dlnz ds: lk eafodfl r djus dk dkbZ iz kl ughafcl; k x; kA foa; kpy dh xxu p'ch i o' Jf.k; ka l sVdjkdj ml svi uh vkV/ ea Ni q kdj xqtjrs gq ckn] vkj l kxoku ds ?kus tacy rFk l i kZkj rM dso{k] i o']>ju] o LoNn fopjrs ol; i k. kh jhN] uhyxk;] phrk l kkkj] fgj .k dh cgrk; r gA ?kus tacykseafuHkZ ?kqrs ol; i k.kh bl {ks= dks vH; kj .; ; dk ntZ fnyk l drsgA dVBhokMk i ns'k l cl svf/kd o'kz o gjs Hkjs i Mka l s l q FTtr gkus ds dkj .k lk; M/dks dk vkd'kz k dk dlnz jgk gA

eFkokMk

bl dh fLFkr 22040* mRrjh v{kkak , oa75012* i nhzns'kkarj ij gA iz klr ik-frd l E i nk okys bl {ks= eai k-frd lk; Mu dlnz ds: lk eafodfl r djus dh l Hk l Hkkouk, aekStin gA foa; Jf.k; ka dh xkn eafNi k gqk ; g i ns'k "kh"ke] l kxkA] o{kka ds ?kus tacy l svkPNknh r gS ft l eajhN] phrk] uhyxk;] yajj] cnj] vkfn dbZol; lk"qns[l st k l drsgA

i v/yon , oaFkkn] yk

bl dh fLFkr 22049* mRrjh v{kkak , oa74079* i nhzns'kkarj ij gA foa; i o' o ?kus tacyka ds e/; fLFkr i v/yon o Fkkn] yk rgl hy eayxHkx 5 i fr"kr ol; Hk e vkj f{kr ou ds varxir vkrk gA ; g {ks= dbZ jax fcajs i qik i zt kfr; ka ds l kFk ngyBk i f{k; ka dk vkJe LFky gA ; gkMj k'Vh; i {kh ekj vf/kd l d; k eai k, tkrsgA lk; Mu fodkl fuxe }kjk i v/yon o Fkkn] yk rgl hy dks lk; Mu dlnz ds: lk eafodfl r fd; k tk jgk gA ik-frd l kbn; Zdk ; g n"; ml ftyds k gStksgj pkj i k'p l ky eal f{ks dk l keuk djrk gA

jktx<

ik-frd l d k/kuka }kjk vkPNkfnr jktx<+23059* mRrjh v{kkak , oa76047* i nhzns'kkarj ij fLFkr gA ?kus tacykarFk foa;

i gkMh dsrygVh eac l k ; g {ks= o'kkzky dsnkj ku i gkMh lk; V/d LFky ds: lk eal Hkh dksvi uh vlg vkdf'kr djrk gA ; gkM s25 fd-eh- nj fLFkr Nxlknk vi uh xQkvkadsfy, i fl) gA ; gkM j fLFkr i ecfk lk; V/u dlnzbl i zlkj gS%&

I kjæi g



bl dh fLFkr 22047* mRrjh v{kkzk , oa76043* i nhzns'kkarj ij gA i k-frd l kbn; Zl svks i ks "kkr vlg "khrirk dk vutko djkusokyk i Bkjh xte vi uh l kbn; Zk dsdkj.k l Hkh i k-frd i fe; ka dk pgrk {ks= cu x; k gA ?kus tacyks; Fkk&"kh"ke] l kxkku] cM] [kj] pinu] cny vkfn dso{k o foa; i gkM; kadh xkn eaex] ckjgfl ækj uhyxk;] fprik rFkk i f{k; kads>M LoPNmrk l s fd l h dk Hkh eu l gt : lk l sekj yrs gA ; g i gkMh i ns'k orëku eavh; kj. ; dk : lk ysjgh gA

ujfl æx< vH; kj. ;



bl vH; kj. ; dh fLFkr 22076* mRrjh v{kkzk , oa76046* i nhzns'kkarj ij gA ; g jktx< ftysdsujfl æx< rgl hy eafLFkr gA i k-frd l kbn; Zl shkij ij ujfl æx< dksd"ehj&, &ekyok dgk tkrk gA bl vH; kj. ; eal ky] l kxkku] pinu] o{kakdsvfrfjDr jak fcjaksQnykadh cgyrk gA ol; i kf.k; kaeanvBk i {kh] jxusokystho dsl kFk l kFk cMstkuoj ; Fkk& rbnq/k] phry] l kkkj] tacyh l wj] ekj vkfn ik, tkrsgA bl vH; kj. ; eafLFkr >hy vR; r euekgd gA

jryke

blnkj l s100 fd-eh- nj fLFkr jryke jktLFku o e/; i ns'k dk i os'k }kj gA ; g {ks= uedhu 0; at ukadsfy, i fl) gA ; gkM dspusdscd u l sfufeZr gkusokyh l feyrh gStksdoy elyok eagh ughacfYd i jns'k eai fl) gA lk; V/dkadsvkdf'kr djusokys ecf; LFky bl i zlkj gS%&

I Sykuk QSykfj du vH; kj. ;



jryke ftysdsl Sykuk rgl hy eafLFkr bl vH; kj.; dh fLFkr 23025* mRrjh v{kkak , oa74086* i nhzns'karj ij gA l epz ry l s560 ehVj dh A'p'kbz ij fLFkr ; g vH; kj.; 12-96 oxZfd-eh {ks= eaQSyk gq/k gA bl vH; kj.; eal ?ku ou dk rksvHkko gS i jUrqpjkavkS ych ych ?kkl ds>qM mx tkrsgA bl vH; kj.; dh LFkki uk 24 tuw o'kz1993 dksfd; k x; k ftl dk eq; mls; ou l j{k.k dsl kFk l kFk ol; thou l j{k.k inku djuk FkA fo'kSk rks l s; gkWi j [kjekj ik, tkrsgStks; gkWi ztuu dsfy, vkrsgA blnks ou foHkx }kjk ikr vkkMka dsvk/kkj ij ; gkWB [kjekj gA ekyok i n'sk dk l cl sNk/k vH; kj.; gA or'eku eabl dk fodkl vf/kd ughagsi k; k gA

dnkjs'oj dqM



fod; "kSy ekykva dse/; fLFkr ; g dqM jryke l s20 fd-eh- nij l Sykuk uxj eafLFkr gA bl dh fLFkr 23052* mRrjh v{kkak , oa74031* i nhzns'karj ij gA l epz ry l s953 ehVj dh A'p'kbz ij fLFkr dnkjs'oj dqM dh vk-fr A'Wvkdj dh gA A'Wds rhukaeq; dksul sty/kkj fxjrh utj vkrh gA os sbl dqM ea12 >jusfxjrs gA ; g dqM 30&40 QW yek pkmk gSrFk bl ea 50&60 QW A'ij l sty/kkj fxjrh gA i k-frd l kbn; Z; q' dnkjs'oj dqM eai k-frd >juso cgrsukysi k-frd NVk dk pje gA

dDVI xkMz



dnkjs'oj dqM dsl ehi gh dDVI xkMz fLFkr gA egkjtkk fn'Xot; fl g }kjk cuk; k x; k ; g m | ku fdl h l e; ekyok ea gh ughaoju n'sk Hkj eai fl) Fk i jUrqvkt Hkh m | ku i eh bl m | ku dksn[kusnj nij l svkrsgA

xak l kxj >juk

jryke l s5 fd-eh- nij jryke&l Sykuk ekXZdsnkfguh vkj fLFkr gA ; g , d -f=e >juk gSft l dk diy tyxg.k {ks= 24 gt kj oxZQhV gA bl >juseaeq; r%uk'k fogkj dk vkun mBk; k tkrk gA

bl jFkq'uh >juk

jryke l s12 fd-eh- rFk l Sykuk l s6 fd-eh- nij fLFkr ; g i k-frd >juk vi uspkjkarjQ gfj; kyh dh pknj vks: sdy dy Ny Ny djrk lk; l/dksdksvi uh rjQ l gt gh [khp ysrk gA

/kkykokM tyk'k;

Ekkg unh ij cuk /kkykokM ckMk , d l qj i k-frd LFky gStksvi usvuij e l kbn; Zdsdkj .k lk; l/dk'kdksjcl gh vi uh vkj f[kp ysrk gA

Tsch-, y- efnj



bl dh fLFkr 2305* mRrjh v{kkak , oa74033* i nhzns'kkarj ij gA jryke j'osLV'sku l s4 fd-eh- nj fLFkr bl efnj dh fuekZk 70 dsn"kd eagyk Fkk tksyxHkx 20 , dM {ks= eaQSyk gA bl dsfo"ky vgrsearyl h ou] jafcjasi qik o mudsi M i kksyxs gA i k-frd lk; Mu foHkx }kj tsch-, y- efnj dks i k-frd lk; Mu {ks= ds: lk eafodfl r djusdk iz kl fd; k tk jgk gA

enl kj

f"kouk unh dsfdukjsfoa; kpy Jskh o pcy ?kkVh dh rygVh eacl k enl kj , d i kphu "kgj gStksorkZeku dky eavi uh vOhe dh [krh ds fy, fo"o ifl) gA ; gkWi j , xkx/fj Te dsek/; e l s vOhe dh [krh dk Hkh ipkj fd; k tk l drk gA tuojh&Qjoh ekg ea; gkWi vOhe dh [krh o Qnykadh i pjrk jgrh gA ; gkWi j fLFkr i eafk lk; Mu LFky bl izdkj gA

xkZkh l kxj vH; kj . ;



bl vH; kj . ; dk xBu 15 tuojh 1983 dks gqyk Fkk ftl dk eaf; mnas; yfr gksjgsouLifr , oaou; i k.kh dks l j {k.k i nku djuk Fkk bl dh fLFkr 24038* mRrjh v{kkak , oa75030* i nhzns'kkarj ij gA ; g vH; kj . ; yxHkx 368-62 oxZfd-eh- eaQSyk gqyk gA bl vH; kj . ; ea i pj ek=k eaouLifr ns[kh tk l drh gA l ky] l kxkZ] "kh"ke] i yk"j] o{kksadsvfrfjDr vke] vkoyk] uhe] [ktj] ccy vkfn dso{k ik , tkrsgA ou; i kf.k; aesfoHku izdkj ds i f{k; kads>M] jxusokys thoka ds l kFk l kFk cMs tkuoj ; Fkk phry] i f{k] uhyxk;] dkyk fgj . k rFkk tyi {kh ik , tkrsgA

rky; k rkyk

vH; kj . ; dsl ehi gh rky; k rkyk fLFkr gA ftl eavuphy eks e dsvuq kj nij njkt l so'kZHkj nyZlk i f{k; kadk vkxeu gkrk jgrk gA ftl l s; g rkyk i f{k; kadk vH; kj . ; cu tkrk gA ; gkWi j gS ga] cxyk] l kj l cr[k vkfn i f{k; kadsfoHku iztkfr ik , tkrsgA

xkdkh l xj Mē



pa; y unh i j fufe; xkdkh l xj Mē dh uho l o; Eke 7 ekpZ1954 bz dksi Mr tokgj yky ug: }kj k j [kk x; k FkA tksokZ 1960 rd cu dj i jk g; kA Hkkui jk rgl hy eafLFkr bl Mē dh HkSkskyd fLFkr 23044* mRrjh v{kkk , oa75033* i whzns'kkarj i j gA 25584 oxZfd-eh- {ks= eafolrkfjr ; g Mē fgjkdqM dslk"pr nsk dk l cl scMk Mē gA ; g tyk" k; cMh l d; k ea i dkl h i f(k; kcdks vkdf'kr djrk gA

Hkkui jk



bl dh fLFkr 24031* mRrjh v{kkk , oa75032* i whzns'kkarj i j gA xkdkh l xj , oafod; i gkfM; kcdsrygVh eacl k Hkkui jk ea vuad i kphu xQk, WgS tkspkjks vjg l sik-frd l kbn; Zl svkPNknh gsvk; ftl dh fnokjka i j "ksy fp= n"kkz k x; k gA ; g xQk HkhecVdk xQk dsl er; g; gksudscotm Hkh mi s(kr voLFk ea gA

uhp

enl kj l so'kZ1998 bZea; vyx g; k uhp vi usvkf/k; -f'k dsfy, fo"o ifl) gA ; gkldsi d(k i k-frd lk; Mu LFky bl i dklj gA

I dkkun



I dkkun dh fLFkr 24052* mRrjh v{kkk , oa74078* i whzns'kkarj i j gA uhp ftysd; el i orhZuxj tlon l syxHkx 15 fd-eh- nj; i gkMh dsrygVh eacl k ; g {ks= i k-frd] jef.kd vjg eukgkj LFKy gA pkjka vjg gfj; kyh dse/; i gkfM; kcdskVdj "khy] l kQ >jusdk cgko gkrk gStisvuad [kfut i nkFkk l s; Or gksul sjksuk"kd rFk vkjkk; o'ku gA ; g ty vxspydj , d

dqM eabdBBk gkstrk gA

[oktk ckx

Ukhep I s50 fd-eh- nj [oktk ckx dh fLFkr 25059* mRrjh v{kkak , oa74052 i whzn's'karj ij gA bl ckx dh LFkki uk o'kz 1991 ea"lj [kkads}kjk fd; k x; k tksyxHlx 50 fc?kk dsfo"lky {ks=Qy eaQSyk gqk gA bl ckx eaQy Qy dsl d'lkai ztkfr; kacks I j {k.k i nku fd; k x; k gS; Fkk

; gkWi j 12 o'kz i jkuk xykc dk i k'kk gSrFkk yxHlx 304 fdLe dsxykc i k, tkrsgA
166 fdLe dsvle dsi M ekSt m gA
8 fdLe dh ekS Ech tksfo"o eadghaughagr h og Hkh ; gkWi j ekSt m gA
; gkWds tyok; qdsvud kj u mi t gkusokyh cknke] dktir v [kjkk] tkeq] fcuk fct dk uhcwo dVgy vkfn dso{k Hkh gA
Ckx ea14 x 46 oxZQhV {ks= ea14 QW xgjh -f=e >hy Hkh gSf t I ea32 fdLe dstyh; i {th i k, tkrsgA

fofn'kk

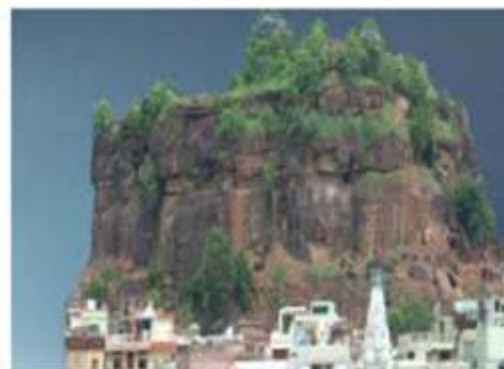
e{cbZfnYyh ykbZu ij Hkks ky I s54 fd-eh- nj crok unh dsfdukjsfLFkr fofn"kk dk i e{qk i k-frd lk; Mu LFky bl i dkj gS

gykyh Mæ



crok o cd dh I gk; d gykyh unh ij cuk ckk I ekV v"kkd I kxj ij; kst uk ds: lk ea tkuk tkrk gA bl Mæ dh fLFkr 23030* mRrjh v{kkak i whz77028* ns'karj ij gA 699 oxZfd-eh- {ks= eaQSyk gqk ; g Mæ dbZie{qk tyh; i f{k; kac k vkJ; LFky gA lk; M/d ; gkukck; u] eRL; k; u tS styfØ; kvack vkun Hkh mBkrsgA

ykgkKh j k'kd



fofn"kk jYosLVs'ku I s4 fd-eh- nj ykgkKh j k'kd fLFkr gA I a'wzj k'kd jr i RFkja I sfufe' gA ; g j k'kd e{q; : lk I sc; k fpm; kac k vkJ; LFky gA

xqk

foa; i o' Jf.k; kaedchpkachp cl k xqk ekyok dk i os'k }kj gS; g blnkS I s268 fd-eh- rFk Hkks ky I s212 fd-eh dh njh ij fLFkr gA ; gkll dsi ed[k i k-frd lk; Mu d'ns bl i d[kj gA

xksh—" .kk I kxj cka/k



bl cka/k fd fLFkr 24028* mRRkj v{kkak , oa77011* i d'ns'karj ij gA vkxjk e'cbz'ekxZl s15 fd-eh- dh njh ij fLFkr bl cka/k dk fuekZk us'kuy QVh'kykbt'j d[kj [kkusdh tyki fr'zgr'qfd; k x; k Fkka pks ku unh ij fufe' ; g cka/k 294 oxZfd-eh- {ks= eaQSyk g'rk gA bl cka/k ea'o'k'z'kkj i kuh jgrk gA BM dsi k'kk gks'gh ; g LFky fo'kk'u i d[kj dsi f'k; kadk vH; kj. ; cu t'krk gA e/; i ns'k bl dkslk; Mu fuxe }kjk ; gkai {kh vH; kj. ; cukusdh 0; oLFk dh tk jgh gA lk; M/d ; gkai j uk'dk; u dk vkun Hkh mBkrsgA

vkunij I RI x vkJe



xqk ftysdsbl kx< I s7 fd-eh- nj bl vkJe dh fLFkr 24032* mRrjh v{kkak , oa7802* i d'ns'karj ij gA ; g , d i kou vkJe gS'ts18 oxZfd-eh- {ks= eaQSyk g'rk gA I k/k' arksusv'v' v'g v'Fkd egur dj fo'k'ky {ks= dh cat'j H'ie dksu d'oy mi ; kxh cuk; k cfYd ekuork dh I ok dsu; svk; ke LFkfi r fd, A Jh ipei kn'kk'gth o Jh n'ku'ij .kvkum' th dsi k'lu/; ea; g vkJe py jgk gA fugk; r gh I kQ I f'kk; g i fj I j gfj; kyh v'g ?kusi M'kal svkPNkfr gA

I kxj

I kxj ekyok dk I cl scMk ftyk gS' tksHkks ky I s165 fd-eh- rFk blnkS I s352 fd-eh- dh njh ij fLFkr gA chuk mRrj nf{k.k j'osek'z'dk egRo i'k'z't'd"ku gSo cgr' cMh I Sud Nkouh gA ; gkll j fLFkr i ed[k i k-frd lk; Mu LFky bl i d[kj gA

uſkngh vH; kj .;



I kxj I syxHkx 56 fd-eh- dh njh ij nōjh rgl hy ea uſkngh vH; kj .; fLFkr gSbl dh fLFkr 23010* mRRkj v{kkk , oa 78089* i nhzns'kkarj ij gA ; g ekyokdk I cl scMk vH; kj .; gStksyxHkx 1034-52 oxZfd-eh- {ks= eafolrkfjr gA bl vH; kj .; ea I ky) I kxkA] "kh"ke] o{kkadsvyok i yk"kJ rñh] cl/kk] /kkoMk o jak fcjaksQny vkfn ik, tkrsgA ; gkWi j "kj] uhyxk;] phry] I kkkj] txyh dŕrk vkfn i eq[k ou; i k.kh ik; stkrsgA

jkgrx< tyiã kr



I kxj I s40 fd-eh- nj jkgrx< tyiã kr dh fLFkr 23029* mRrjh v{kkk , oa78018* i nhzns'kkarj ij gA fod; i oŕ dh rygVh eacuk unh ij fufeŕ 50 QW Åps tyiã kr lk; Vdksdscjcl gh vi uh vlg vkdf'kr dj ysk gA ; g , d fi dfud Li kW gA jkgrx< xkA eafLFkr gkusdsdkj .k gh bl tyiã kr dksjkgrx< tyiã kr dsuke I stuk tkrk gA

vkcpn

I kxj I s35 fd-eh- i nhz dh vlg fLFkr vkcpn dh fLFkr 23048* mRrjh v{kkk , oa78023* i nhzns'kkarj ij gA fod; Jf.k; kads rygVh eacuk vkcpn eayxHkx 12 "ky xQk, agſ ftuesi Xkrngkl d ekuo dh xrfok/k; kack fp=.k gA I cl scMh xQk yxHkx 40 QhV ych gA bu xQkvkadspkjksrjQ I kt] I kxoku o "kh"ke dso{k ik, tkrsgA

bl idkj ekyok eavud ik-frd lk; Mu dlnks fLFkr gſ fdUrqi eq[k I eL; k bu dlnka ij ik; h tkusokyh v/kk j pukRed I ōo/kkvkadh gA lk; Mu dks, d m] kx ds: lk eamfpr LFku u fey i kusdsdkj .k dbZ dlnz tu I keku; dh I ōo/kkvkaI soŕpr gA j [k&j] [kko dh I eL; k rFk vi {k; o vijnu dh I eL; k I sHkh dbZ LFky i fi) gA vr%; fn bu LFkykadks I jf{kr j [kuk gS rks v/kk j pukRed I ōo/kkvkadks I jf{kr , oafodfi r djuk vko"; d gkskA

p; fur lk; Mu LFkykadk LFkfud forj.k i fr: lk

ekyok dsi k-frd lk; Mu dlnkadsforj.k i fr: lk Li 'V djusdsfy; sDykdZ, oabokU dh cqi pŕyr fudVre i Mks h fclnq fŕk"ysk.k fof/k dk iz kx fd; k x; k gA bl fof/k dsek/; e I sin'sk dsi k-frd lk; Mu dlnka ij forj.k i fr: lk I e: i] ; knfPNd] i at hkr i fr: i k I sfdrak fopŕyr gS; g Kkr djuk gA I oã Fke i n'sk eaforjhr I Hkh ik-frd lk; Mu dlnka dks mudsfudVre lk; Mu dlnks I sl h/kh jſ kkvka }kjk tkM+fn; k x; k gA rRi "pkr fudVre dlnkadh i k Li fj d njh Kkr dh xbZ gA bl dsvk/kj ij lk; Mu dlnkadh okLrfod e/; njh i fjdyhr dh xbZ gA mã eki kadks Kkr d jusdsfy; si z ōa fof/k dsvud kj fuEufyf[kr I e-kadk iz kx fd; k x; k gA

$$R_n = \frac{R_o}{R_e}$$

; gkai j

R_n = ; kn'PNdrk l sfopyu dh ek=k dsfudVre fcl'nq'nhA
 R_o = vk' r njh t'ksfn "kk dks/; ku fn; s'fuk l h/kh uki h xbz'gA
 R_e = vi f'kr vk' r njhA

$$R_o = \frac{O_r}{N}$$

; gkai j

O_r = fudVre i Mk' h n'ij; k'adk ; k'x
 N = d'gy v'k'rh'z' d'ln'adh l q'; k

$$R_n = \frac{1}{2 \cdot N/A}$$

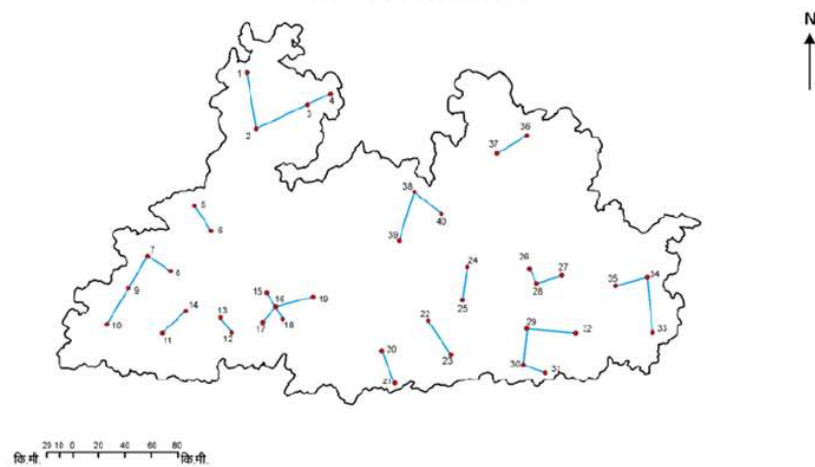
; gkai j

N = d'gy v'k'rh'z'lk; Mu d'ln'adh l q'; k
 A = d'gy {k-QG

mi j'kDr l q' dsvk/kj i j ekkyok dsi k'frd lk; Mu d'ln'adh forj.k i fr: lk fu/kk'j .k fd; k x; k ft l l s; g Kkr gkrk g'f'd , srg'f'l d lk; Mu d'ln'adh R_n eW; 1-37 gA ft l l sLi 'V gkrk g'f'd i k'frd lk; Mu d'ln'adh R_n eW; ; kn'PNdrk ds'v'f/kd l ehi gA

LFk'fud forj.k i fr: lk l s; g Hkh Kkr gkrk g'f'd {k= ead'oy "kk't'ki j o mT't'u ftysgh , d sgSt'gk'Wi k'frd lk; Mu dh l Hkkouk, Vde gA

Ekkyok
 i k'frd i k'f'f'LFk'f'rdh lk; Mu d'ln'adh LFk'fud forj.k i fr: lk
 fudVre i Mk' h fo' y'sk.k fof/k



fu"d"lz

ekyok i n'sk e/; i n'sk dk , d , d k {ks= gStgkai k—frd lk; Mu dsfodkl grqfo"ky HkMkj ekStm gSi jarqmfpr fu; kst u ds vHkko ea; gkai j u dny bu l d k/kukadk {k; gksjgk gSvfi rqqekjk lk; kbj .k vou; u Hkh gksjgk gA ; g {ks= ik—frd lk; Mu dh vl he l Hkkoukvka dks vi uses l es/skus ds cktm Hkh bl dks V'ij Te dsep ij fi NMk g'yk gS tks {ks= dHkh fol/; kpy dh l jE; es[kyk o uS fxZd l qnjrk o ol; thou dsfy, fo[; kr Fkh vkt ogha i n'sk mfpr l j {k.k ds vHkko eaouLi fr o ol; thou l sfofgu gkrh tk jgh gSo l kFk gh dbZegROI wZ, frgkfl d o i jkrkRd /kjkgj Hkh vi usvfLrRo dks [krs tk jgs gA vr%buds i p% m) kj dk , dek= fodYi Bi k—frd lk; Mu p gA bl i d kj ; fn lk; kbj .k , oalk; Mu eal keatL; j [kdj lk; Mu d'lnk adks fodfl r fd; k x; k rksfuf"pr rkj ij ekyok lk; Mu ds {ks= ea, d u; s: lk eam t'ixj gkl drk gA

l nHkZl pph

1. Clark P, J, & Evans F,C, 1954, Distance to nearest neighbor as measure of spatial relationship in population, ecology 35, pp uus-53
- 2-gfjekgu] 2002] l k—frd lk; kbj .k vkj lk; Mu] r {kf"kyk i d k"ku nfj; kxat ubZfnYyh
- 3-e/; i n'sk "kl u lk; Mu foHkx] 2012-

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