

AA lks'kosdkyhu 'kri =krhy l kekftd L=h&thouAA



ukeno l ; kth <ks ks
bfrgkl foHkxiæq[k] , l -, e-ch-, l -Vh- dklwst] l æeuj]
ft- vgenuxj-

1-i kLrkfod %&

L=h&iq "kkae/khy tlefu" B mPpuhprk o fo"kerk
l ektyk vR; r ?kkrd vl rs L=h&yk l ektr
iq "kka kj [khp ifr" Bk ikr >ky; kokpau frP; k thoupk
fodkl gks ks'kD; ukgh o rnyuusrks l ektgh i æwcurkj gs
tk.kau ykdfgroknhau L=h&iq "k l erpk] l ozo. k&P; k o
tkrhP; k l erbrdkp vlxg /kjysk fnl rks L=hdMs
i kg. ; kph R; kph n"Vh vfr'k; l gkub[krhph] mnkj o
vktgh v | ; kor okVkoh v'kh vks gs^'kri =s okprkuk
i nki nh i R; ; kl ; rs

BL=h; kps gky] foi Ukh] tukoj ka æk.ks voLFkk]
Kku'kkl; rk o iq "kph Øjrk i kphu 'kkL=k/kkj scgr fnoI
pkyyh] i .k vkrk rjh gk bz ojh {kklk tkokj vkf.k rl s
iq "k r'kk L=h; k vkgj vl s vkrkGOKk fgnw
ykakl l etkj gh ek>h vfr'k; bPNk
vks rj ts l qkjd fgnw vl rhy
R; kauh ; k dkekl fuHkz i .ks i kj bk
dj kok-p %i = Ø- 16½ ; kr
R; kps var%dj .k m?KM >kys
vks

fgnw L=h i nhz vkf.k vkrk
%&

i skos dkGkr L=h&yk
ux. ; LFku gks vkf.k
fryk l ektkd Miu
lk'kq'q; olx.kad feGr
gkrh- rØgk Hkjrkrhy
L=h; kP; k vknj l Uekuph
l q ÆNr ijâjk ykaka
l ekj ekM.ks ykdfgr
oknhau vko'; d okVys
i kphu Hkjrkrhy ; k ijâjps
Lej .k d: u nrkuk rs Eg.krkr]
Bekxhy dkGps dFko: u i grk
vl s fnl rs dh] i nhz fgnwkdkr
L=h; kau eku Okj gkrk- iq; kgokpu
oxjs /keI ærkh dkgh , d deZ L=h cjkcj
vl Y; kokpau gkr ukgh- jkt; kfk"kdkrgh jk.khl Okj eku
vl s ; ko: u L=h; kpk i æq[ki .kk ekuyk vks vl s fnl rs
i nhz jkekcjkcj fl rk l Hkr cl r gkrh- i k&lo æks nhl g
cl r gkr s .i k ykdkph ers vkrk brdh fc?kMyh vksr



dh] tj R; kl gs l kxrys rj] rsno gkrj vl k tcl nrkr-
i j r q vl sy {kkr vk. khr ukgh dh rh ek. kl p gkrh-p %i =
Ø- 30½

i kphu dkGh L=h; koj fuczk uØgrj gs L=h; kph
iq "kka jkcj hph l oZ /kkfeZ l ekj bkkr vo'; vl .kkj h
mi l Fkrh ; ko: u LoPN fnl rs eq yekuh væyrk R; kP; k
i Minku'khu l ÆNr hpk o vko. kpk i fj .kka >kyk- L=h; kauk
vkEgh ekxkl yY; k l Fkrh Boys vkrk iq "k 'kgk. ks >kys
Eg. kks L=h; k 'kgk. ; k Øgko; kl i kfgtr gs R; kauk i Vsy] vl k
vk'kkokn ykdfgroknhau i xV dsk vks

L=hfok; d rRdkyhu n"Vhdku R; kauk vR; r
l rki tud okVrs Bl k&rdkGh c&ä.k L=h; kps gky o
foi Ukh cgr gkrk- dU; k >kyh Eg.kts ykd ukd
ej Mrkr- R; kl okVrs dh ek>s ?kjkr gh
vonl kp f'kj yh-p %i = Ø- 15½ vkf.k
Bjtir rj dU; syk ek: up
Vkrkr-p %i = Ø- 5½

gs l kjs ukgh s Øgkos vkf.k
L=h; kph l qkjj .kk Øgkoh ; kph
rGeG ykdfgroknhau
yxw jkfyh vkgj
L=h; kP; k n&LFkrhP; k
dkj .kkph] ghuj nqV
: <hph ppkz d: u
R; koj mi k; ; kst ukgh
R; kauh l kxryh vks
l rhph pky] ckyfookg
i /nrh] fo/kokfookgkph
c&nh vkf.k L=h&yk
vKkukr Bo. ; kph i Fkk ; k
l oZ : <hoj o R; kauk
vk/kj Hkr vl yY; k 'kkL=koj
R; kauh vfr'k; dMd Vhdk dsh
vks Lor%P; k dU; fo"k; hP; k
okRI Y; kus meGk ; Åu fygkos tl s
ykdfgroknhau fyfgys vks

l rhP; k Tokykapk o. kok %&

i rh ej .k i koY; koj R; kP; k 'kokjkcj ftoari .kh
Lor%yk tkGau ?ks k&U; k L=h&yk l rh Eg.krkr- i kfroR; kP; k
ew; kps n&hdj .k dj .kkj h gh : <h gkrh- , dVOKk cakye/; s

b-l - 1817 rs1827 nj o"khz l jkl jhus l gk'ksck; dk l rh xY; k v'kh ukn vkgS01 gh ykftjok.kh] vU; k; vkf.k oMxG : <h dōG vekudk gkrh- egkj k"Vkr fo'kskr%mpoxh; Fkj ke/; srh plakyhp c/newy >kysyh gkrh-

fprōj ftori .kh tkGY; k tk.kkU; k l rhP; k Tokykr; k o.k0; kmpup vk/kqud Hkkj rkr L=hl qkkj .kkoknps LOqYyax Qyyys jtkk jkeekgu j kW] i MMr bz oj pan fo |kl kxj ; kauh cakye/; s l fri Fkfo: /n i Eke vlok t mBfoyk- b-l - 1929 e/; sykVIZcfvclust rh cnhpk dk; nk dsk-

ykdfrgoknhr; k dkGkr l rhpk izu l ā Y; kr tek gkrk- rjhgh R; k dk; |kfo" k; h l ukrU; kP; k eukr uki l arh gkrh- ykdph gh ekuf l drk cnyY; kf'kok; L=hl qkkj .ksyk [kj h pkyuk feG.kkj ukgh] ; kph ykdfrgoknauh i j s j j tk.kho gkrh- /keZ vkf.k 'kkL= ; kP; k ukokoj L=hoj vU; k; dj .kkj h l ektkph i dUkh BGdi .ks ykdka ekj ekM/koh Eg.kuu ykdfrgoknauh l rhP; k pkyhph tGtGhr 'kCnkr vkBo.k d: u fnysyh vkgS rs Eg.krkr] ; k fgntu Fkkukr nku nku o"kkph eys Vklau o ykdkr; k Lok/khu d: u L=h; kauh vki ystho tkGuu ?krysvfk.k ; kp dekl ykd /kU; ekuhr xys ; k xkS'Vhpsvk'p; ZgYyhp bazt oxj s i j dh ykdka okVysvkgsvl sukgh-

Bfgnngks /kU; rēph! rēghp vki Y; k eyhps [kkVhd LoLFki .kkus gkrk- rēP; kl kj [ks jk"V^a vkf.k rēP; krhy fo}kukl kj [ksfo}ku ; kl riyuk i Fohoj dkBgh feG.kkj ukgh-p

L=hl qkkj .kpk izu /kfeZd J/nkakh tkMlyk xysyk gkrk- R; keGs rks vfr'k; xapxapok >kysyk gkrk- L=h; kfo" k; h vR; r vumpj vl ysyk gl ekt gkrk- ; k l ektkl ekj ykdfrgoknauh vfr'k; i xeu'khy vkf.k i xYHk fopkj ekMlyj gs vki .k l etuu ?krysi kfgts

ckyfookgrhy nk'sk %&

eyhph yXusyodj Ogkohr vkf.k dkBuu rjh i ztko/nh Ogkoh ; kl kBh i kphu __"kauh vkB0; k&ngk0; k o"khZeyhph yXuS Ogkohr vl k vxgx /kj yk- l ektke/; sckyfookgkph gh : <h vxnh n<eny >kysyh gkrh- vkt i fj lFkrh i qdGp cnyyh vl yh vkf.k dk; ns>kysvl ys rjh yodj kr yodj eyhph yXusdj kohr vl svktgh i qdGkau okVrs

rFkfi] v'kk ckyfookgkps i fj .kke y{kr ?krys tkr ukgh- ckyfookgkps nti fj .kke ykdfrgoknauh foLrkj kus nk[kfoysvkgS- ygui .khp yXu >ky; keGs eyhpk fo |kH; kl jkguu tkrks eykP; k f'k{k.kkoj gh R; kpk i fj .kke >ky; kf'kok; jkgk ukgh- tkr i kr&f=dk [kpZv'kk vud vMp.khe/kuu eyhph yXusygui .kh dj k; ph Eg.kksR; kP; k vk; q; kph /kG/kk.k dj .ksgs vkf.k , o<p d: u tj frpk uojk vpkud okj yk rj frP; k gkykyk i kj kokj p udkS ¼i = Ø- 90½ vkbZki gkl sus ygui .khp yXu ykou nrkr vkf.k ex Bcggkk cki kPj vkbps MkG0kns kr i qkps o l ppsokdMs i Mrso i fgY; kus th tkMh xkftjok.kh fnl srh ex 'k=iēk.ksnl wykxrs tksfo |k dj .; kpk dkG o ; k o; kr 'kj hj cGdV Ogko; kPj R; k l e; h i q l d kj h o eykckGkpk /kuh gkrks ex R; kph fo |k rjh d'kh l ā wkgkby o 'kj hj kr tke d l k jkghy\p ¼i = Ø- 2½ B; s kd: u ykd vYi thoh] i j kØeghu o e[ki >kysvkgS-p ¼i = Ø- 53½

ykdfrgoknhr; k fopkj kpk /kxk /k: u i qhy dkGrhy l ektl qkkj dkauh pGoGhph vk[k.kh dsh- ^_rkkj dU; ki nku* Ogkosgkp R; kpkgh vxgx jkfyk-

cky&tjB fookgkpk fu"ks'k %&

ckyfookgkps , d vax Eg.kts ^cky&tjB fookg* vl s fookg dks kr; k l kñckthus tGfoys tkrkr rs l kærkuk ykdfrgoknh Eg.krkr] Bi "kk l &l kB o"kkps i q "k ej .kkedqk o xlrpke >kys rjh r: .k L=h djko; kph bPNk /kfj rkr o vktbh tks kh R; kl l kærkr dh vedh eyxh djkl frps tkr i k= oSko; ukgh o rēpsvk; q; 'kgk. .ko o"ka vkgS vl sgs tks kh uknh ykou eyhpk ?kr djrkr- vl Y; k dekl dk; Eg.kkoS R; k yXu dj .kkU; kl] eyhpk foØ; dj .kkU; kl o HKVKl f/kDdj vl ks-p ¼i = Ø- 7½ Bcky&tjB fookg gk , d perdkj vkgS vl p R; kau okVrs-p Bvfk.k fdrh , d Egkrkjs i q "k ej .kkl i k=] ; kP; k rkkMkr , dgh nkr jkfyk ukgh] MkG0kusU; kgkGr ukgh] vaxkoj l j d q; k i MY; k vkgS- vl so; Ldj ykd vki Y; kp r: .k L=h; k uA ngk o"kkP; k dfj rkr- gk dō<k perdkj vkgS tj L=h; kau Lol Ukr yXu d: fnysrj] v'kk i r: l i q "kk l R; k ojrhy dh dk; \ ¼i = Ø- 15½ vl k izu R; kauh fopkj yk vkgS vkf.k L=h; kP; k vxfrd nq[kkoj vpid ckV BfoysvkgS

fookgfo" k; d l qkkj .kk %&

cky fookg o cky&tjB fookg ; kps nti fj .kke l kaxup ykdfrgoknh Fkkæys ukghr rj fookgfo" k; d dkgh mi ; Ør l qkkj .kgh R; kauh l pfoY; k vkgS- ykd tk.kuu cqtuu fdrk u dGrk&l kojrk vKkukus L=h; kfo" k; h fu"bj curkr vkf.k L=h; kau ek= R; kpk =kl l kd kok ykxrs rksVlGkok Eg.kuu mi ; Ør l qkkj .kk l pfoyY; k vkgS-

- 1-ykdfrgoknh Eg.krkr] BvkbZki kauh eykuk 'kgk.ksdj .; kph QDr tclcnkj h?; koh- i qsr; kpsyXu rh Lol keF; kZusdj rhy-- yXu cki kusdys Eg.ktsR; kr ekf k l k/ku vkgS ; kpk rksvki ysi j kØekusdjhy rj Qkj plakys ¼i = Ø- 2½
- 2-vFkkZtZkps l keF; ZvKY; koj LoPNusfookg djkok vl srs l pforkr- Eg.kts rs dōG i ks-fookgkpk i j Ldkj dj hr ukghr rj LoPNki wZd fookgkpk i j Ldkj vxj dj kP; k vk/kh i "kk l o"ka dj hr vkgS] gsy{kr ?krys Eg.ktsR; kP; k Hkfo"; os'kh n"Vhps

vk'p; ZokVrykxrs

; keGs ckyk&tjB fookgkl vkGk cl sy vl s R; kauk okVrs BvktP; k dkGkr vkbzki eyhph yXus tcjnLrhus djrkr Eg. kau R; ka vki yh eyxh fodko; ka l ki MrsP 1/4i = 0- 15% gk i zdjgh ; k tk. krsi . kkrhy LoPNk fookgkus can gkbjy) vl sR; kauk okVrs

3-vkarj tkrh; fookgkpk R; kauh i j Ldkj d syk ul yk rjh ctā. kkae/; svkarj xks= o vkarj i knf' kd fookg : < > kysi kfgt r vl s R; kauh l pfoysvkg; R; keGs o/kp; kP; k fuoMhyk oko j kghy vl sR; kauk okVrs 1/4i = 0- 15%

4-yXu Bjfo. ; ke/; s dM/yh) tkrd] egirZ bR; knhuu tks [kG [kM/kck ektfoysy vkg] R; kpkgh R; kauh fu"ksk d syk vkg; 1/4i = 0- 15%

5-yXu l ekj kkkj gks kku; k voktoh [kpkbzj gh ykdfgroknhuh > kM mBfoyh vkg; BykdK; k l rkskkdj hrk vki ys/ku m/KGkos ; kpsdkj . k dk; \--- Okj i s k [kfpZ; kuseyhl dkgh uOk gkrks vl sukgh- vkbzki kl gh ukgh- R; ki kl uu pkj yckM vkG' kh i kl rkr brdsek= gkrsp 1/4i = 0- 15%

6-L=h; kph bPNk vl sy rj R; kauk i pfobkg djrk vkyk ikfgts gk ykdfgroknhpk vxgz gkrk- L=h; kpk vf/kdkj i q "kkl ek. kspkyk i kfgt] gsr; kpsEg. k. ksgkr; Eg. kau rsEg. krkr] Btksvf/kdkj l d kj kl aalkh l q kko" k; h i q "kkl vkg; rkp L=h; ka vl kok] tj i q "kkl i pfobkg dj. ; kl fpark ukgh rj L=h; ka ns[khy ukgh- p i d ach 'kkl=gh cktu l k; u i pfobkgkph ykdfgrodkj d pky : < > kyh i kfgt] vl gh l kak. ; kr R; kph cqnhi bek. ; oknh Hkfedk i zdV >kyh vkg;

i pfobkgkpk i j Ldkj %&

i pfobkg gs^ l kkl . kpsEg* vkg; R; kr ^fuEeh l q kkl . kk* vkg] vl sykdfgroknhpser gkr; k fo" k; kl aalkh R; kauh uA i =sfyfyh vkg; - ; ko: u rksR; kP; k var%dj . kkyk fHKMysyk , d fo" k; vkg; gsl gt fnl uu ; sr

L=h; kph yh ?kkg vl; k; i kguu R; kpsdkGht frGfrG r/rso rks?kkg vl; k; dj . kku; k 'kkl=Kkalk] ctā. kkauk dks krhgh f'k{k vi j hp Bjsy vl sR; kauk okVrs rsEg. krkr] Bl ka r vki ys ykdkae/; sgk dso<k vuFKZ vkg; dh] L=h; ka i rh okj Y; koj i p#fi yXus d: nr ukghr! bzokus L=h o i q "k l kj [ks mRi "k dsys o mHk; rkp; vf/kdkj l el eku vkg; - vl s vl rk i q "kkl i qk fookgkph vkK] L=h; ka ek= eukbz- gk dso<k tgyve vkg; p Brfgh vki Y; k du; kps o/k dj . kkl s vkg; - p 1/4i = 0- 10% Brsgk rs xqj k fkrhy j ti r du; k mi krk{k. kh ekj rkr rs vf/kd fdok nf{k. kh ctā. k ts vki ys du; kl nqV dekr i dh. k dj rkr vkf. k i pfobkg d: nr ukghr rs vf/kd] ; kpk U; k; dj . ks ykdkaeMs vkg; p 1/4i = 0- 10% Bvgsftpk uojk ejrksfrpk v/1/4i kr gkrk] rh nq[kh gkr; vkf. k rñgh r'kk voLFkr funz i . ks frps ds k dlf<rk vkf. k frps vaxkoj ps nfxus dk<u ?krk gk dk; /keZ vkg; p 1/4i = 0- 70% Bfo/kok L=h; kph ys kh oxš s?ksA u R; kph gtker d: ykxys vkf. k Okj rj dk; i jarq; kpk v' kkl iz u n' kuzd: u gkr; R; kl , dnk to. k ?; koso gky dj ko] Eg. kau ts i fri knu dfj rkr rs dfy; qkrhy j k{kl ek. kl s [k. kkl p l ektos p 1/4i = 0- 102% ykdfgroknhp; k L=h; ka kBh rGeG. kku; k var%dj . kkrnu fu?kky; k ; k tGR; k fB. kx; k vkg; -

ykdfgroknhp dkGht i k[kj . kkl k gk vl; k; ykdkae ek= ekB0kk 'kgk. ki . kpk okVrs rs fyfgrkr] Bi kul s gs rkQ [kku; koj hy l j nkj gkr; R; kps?kj h l Uko" k ckMD; k gkr; k- gs 'kgk. ki . k l etrkr- i jarqeyk okVrs dh] gsk ekBk vuFKZ vkf. k eud; & ; K gks -p 1/4i = 0- 15%

nqsh fo/kokpk dskj %&

fo/kok; k nqsh ft. ; kps ekBs an; Hknd o. kku R; kauh dsys vkg; Bth vkt l nqj l kklkx; orh fnl rj rhp m|k dskj fgr] vydkj j fgr gkr; vkf. k frps rkm i kfgys rjh ns[khy okbM/ Eg. krkr- rsgk fo/kokpk vi eku dso<k gkrk R; ktyk vl sokVrs dh] vlep th o; Fk] tlekl ; sA l q k ukgh- vkeps rkm i kgr ukghr] yXu dk; ka vKEgh dkekl u; j cl s vKEgky nqk. ksvksrj l ozbfPNrkr dh] ejrhy rj cl; k-p 1/4i = 0- 70% Bl oZek. kl sfo/kok L=h; kauk tkLr dke l kkrkr vkf. k gky dfj rkr--- l okps nqV 'kcn fryk l gu dj ksykxkr- nfxu; koj oknk tkrk dkek u; s dptwo ugk. k djrk dkek u; s-- , di kvh] , dok<h to. k dj ksykxrs eay dk; kr vi 'kdu gkr; rkm i kfgysrj okbM 'kdu >kyk Eg. krkr] Eg. kau 'kj esus nj j kgos ykxrs vl k nq[kkr tle dk<kok ykxrs p 1/4i = 0- 99% l kl j ekgh frph mi s[kk vkf. k gskG. kh gkr; B; ki ek. ks [kVdkP; k ?kj h eaj kphgh nqzkk gkr ukgh- rks R; kl , d oGh l j h yorkj R; koGd ek= dk; nq[k gkr vl sy r o<p! p 1/4i = 0- 90%

; kgh i q-ph vki Ukh Eg. ksoi u! B; keGs fdrh i kj h o; fHKpkj h curkr] i kj sejk rkr! gt kj ks tho ej rkr vkf. k nq[kh gkrkr- Eg. kau eyxh fo/kok >kyh dh fryk foed d: u Vkd; ph- tjh rk. ; o yko. ; vl sy rjh cGp oMfonj sLo: lk d: u cl rkr-p 1/4i = 0- 104% fo/kok; k l kepkr; d dskoi ukph m}x vk. k. kkl j dgk. kh R; kauh l kixryh vkg; O2 ; k oMxG pkyfo: /n vR; r Uo'skkus vkf. k rj hgh fopkj i oZd R; kauh iz u mi fLFkr dsy B; kr fo/kops o u dj kos Eg. kau fyfgys vkg; rks Xkfk dk; ; k; rpk vkg; o rks ykdka eku; vl kok dk; \ vkf. k R; k , dk HkVrP; k cky. ; ko: u ykdkaui vki Y; k i kvP; k yrdh] cfg. kh] l qk] HkP; k] ukrh ; ka Hkknj kosdk; \ gsoM0kps bfl i rG' fdok 'kgk. ; kpk nj ckj \PO3

fo/kokauk uš fxZd i j . kP; k fo: /n txk; yk Hkx i km. kku; k vekuoh cdkukfo: /n ykdfgroknhuh vl k vkokt mBfoyh vkg;

L=hf'k{k.kkph vko'; drk %&

L=hf'k{k.kkph vko'; drk %& Hkj fnyk vkg; i q "k 'kgk.ks>kysEg.ktsR; kauk L=h; k 'kgk.; k Ogko; kl i kfg t} gs i Vsy vl k vk'kkokn ykdfgroknhuh i dV d;yk vkg; L=h I qkkj .ks kBh i q "kkp; k n; kcafnhyk vkokgu) i Mirkph fuHkRI uk vkf.k I qkkj dkps eMG LFkki us v'kk vudl xk'Vh R; kauh I pfoY; k vl Y; k rjh R; kP; k ers [kjk mik; Eg.ktsf'k{k.k nA u L=h; kauh 'kgk.ks dj .ks gk gks - BvKku o HkksGI ji .kkeGs I oZ= t;ne pkyrks vl k ue vkg;P %i = Ø- 10½ R; ki ek.ks L=h; kP; k nq[kkpseG R; kP; k vKku vkg; gsvKku nj d;ysdh L=h; kph nq[ksnj gkryh vl k ykdfgroknhpk I et gkrk-BtI si q "k r'kkp ck; dk LoHkkokus o cānhus vkg;- ½Eg. ku½ L=h; kd fo | k f'kdfo. ; kpk ykdkuh t: j fopkj dj kok-P vl s rsrGeGhusEg. krkr-

fo | P; k I keF; kbj ykdfgroknhpk furkar J/nk gkrh- Eg.kuup L=h f'k{k.kkpk tks nj i j Ldkj R; kauh d;yk vkg; L=h; k I q'kf{kr >kY; kl i q "kkp; k pkfj «; koj o drkkoj vuphy i j .kke gkbj- rI p I arhphgh ; kX; tksi kl uk o ok< gkbj- vki Y; k brjgh xFkrnu L=hf'k{k.kkpk i Hkkoh i j Ldkj ykdfgroknhuh d;yk vkg;

I nHkZ %&

01-jk- 'ka okfGc} vokp hu egkj k"Vtph i q?kVuk] i - 125-

02-ykdfgroknh vcl] 1 vktVkcj] 1883-

03-ykdfgroknh N r fucakl xg i Fketa k v- dk- fi z, syj I a k-] i kll; gyj i d k'ku] epb] 'kri kōRI fjd f}rh; koUkh] 1967] i - vk- 1866] i - 459-