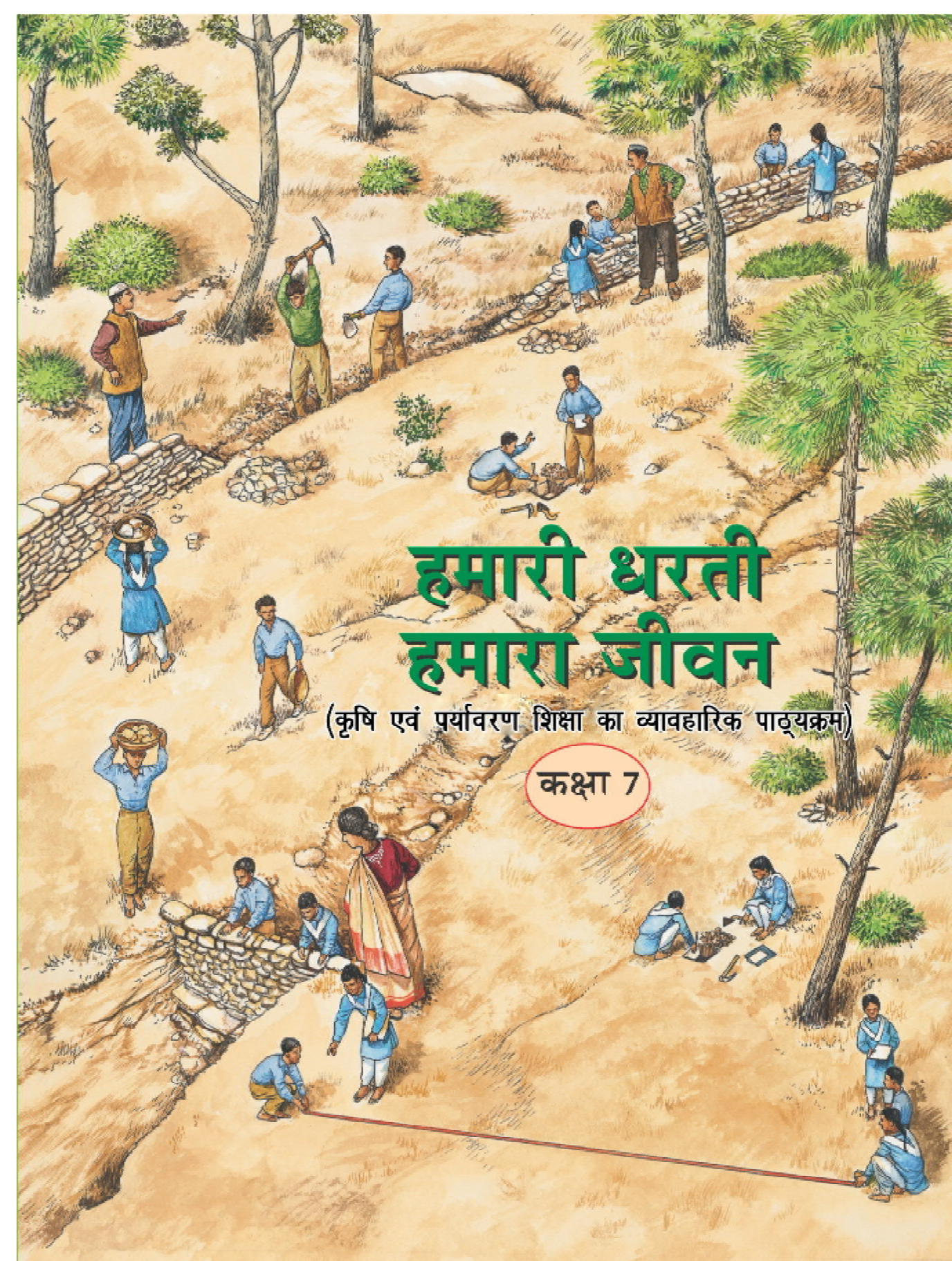




हमारी धरती हमारा जीवन

(कृषि एवं पर्यावरण शिक्षा का व्यावहारिक पाठ्यक्रम)

कक्षा 7

;g dk; i fLrdk g

fon; kFkh dk uke

% -----

fon; ky; dk uke o i rk

% -----

d{kk

% -----

o"ki

% -----

Vkyh I i ; k , o Vkyh d i nL; k d i uke

% -----

i ; koj.k f'k{k d@f'k{k d dk uke

% -----

ç/kkukpk; i dk uke

% -----

v/; ; u xke dk uke

% -----

I en I rg I i v/; ; u xke dh Åpkbi

% -----

fodkI [k.M dk uke

% -----

ft y i dk uke

% -----

gekjh èkj rh
gekjk t hou

d{kk 7

mRrjk[k.M {k= d fon;ky;k e d{kk 6 l 8 d fy,
0;kogkfjd —f'k ,o i ;koj.kh; vè;;u dk ,d i kB;Øe

ipe lLdj.k] 2009

mRrjk[k.M l ok fufèk i ;koj.k f'k{kk l lLFkku
vYekMk

dYiuk

ikB;Øe ,o iLrd y[ku
lg;kx

fp=

fo'k" k lg;kx

ç'kk lfud lg;kx

foRrh; lg;kx

vkHkkj

lehfkk 2009

Jh ekèko vk'kh" k] ineJh
fejryk vkJe

,e-t-h- tDlu] t-h-i-h- ik.M] leu ik.M
yfy ik.M] ineJh
—".k flg l ;ky] nhoku uxjdkVh]
vujkèkk ik.M] vtyh iujk] l rh'k nRr ik.M]
JhdKUr t k'kh] uohu pUæ dcMoky]
fejryk vkJe] xkèkh b.Vj dky t rFkk
mRrjk[k.M lok fufèkA

pUæ'k[kj frokj] èko tk'kh] nhik cyIkoj]
uhrk xxkikè;] nhik iUr] dfou eMh lu] ek- lyhe]
t-h-i-h- ik.M

t-, l- fxy] ,u-l-h-b-vkj-Vh-] ub fnYyh
no vk'kh" k] fejrkyk vkJe
vfuy ckfM;k] t-l-h- ir] t-h-d- vjKMk]
eg'k pUæ ir] uUn uUnu çlkn ik.M

f'k{kk foHkkx] Hkkjr ljdkj rFkk
f'k{kk foHkkx] mRrj çn'k ,o mRrjk[k.M

f'k{kk foHkkx] Hkkjr ljdkj]
lj nkjkcth Vkvk VLV] ecb

f'k{kk foHkkx d vfèdkjh] çèkkukpk;] vè;kid]
fon;kFkh rFkk vfHkHkkod ftud l>ko ,o lg;kx
l ;g dk;Øe vKx c<kA

f=ykpu] vk-i-h- ckMkb] me'k pekyk] t-h-i-h- j.kkdKv]
, l-d- xkM] l rh'k dekj ik.M;] dpu nojkMh]
jkeUn dekj vk>k] /kkjknRr 'kek] t-d- tk'kh]
l-h-,e- t k'kh] l jki flg egjk] ujUn flg xlk]
dkfydk çlkn leoky] , l-, l- pkgku]
vkeçdk'k xjkyk] d-i-h-, l- l jkgk] Mh-, l- l ker]
j tuh'k ef.k ik.M] xtUn flg fldjokj]
dyk'k pUn ik.M] 'kkdhu flg ;kno] _f'kiy flg

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mRrjk[k.M lok fufèk i ;koj.k f'k{kk l LFkku] vYekMk

çkDdFku

mRrjk[k.M jkT; dh fof'k"V Hkkxkfyd rFkk lkekftd fLFkr;k e ;gk d i;koj.k dk bl {k= d tuthou l lhëkk ,o lgt lEcUëk gA viuh i;koj.k ,o —f"k dk lenëk cuku rFkk bl lenëk i;koj.k d ekè;e l thou dk l[ke; cuku d dk'ky dk fodkl 0;fDr e ckY;dky l gh djuk vko';d gA bl gr mRrjk[k.M lok fufëk i;koj.k f'k{k[k lLFkku] vYekMk nokjk 0;kogkfjd —f"k ,o i;koj.k f'k{k[k d ikB;Øe rFkk ml ij vkëkkfjr f'k{k.k vfëkxe lkexh dk fodkl fd;k x;k gA

bl ikB;Øe d f'k{k.k&vfëkxe dk mnn'; bl fof'k"V Hkkxkfyd {k= d fon;kfFk;k e ml Kku] çkëk rFkk dk'ky dk fodkl djuk g ft l l o viuh —f"k ,o i;koj.k vFkr viuh xke&ifjo'k dk l jf{kr ,o lofëkr dj mUur thou Lrj dk çlir dj l dA jk"Vh; ikB;p;k dh : ij[kk 2005 fon;ky;h f'k{k[k dk lenk; l tkMu rFkk i;koj.k f'k{k[k dk i;koj.k nokjk gh l h[ku&fl[kku ij cy nrh gA fd l h Hkh {k= e fufgr d f"k dk ml {k= d i;koj.k l vVv fj'rk gA fon;kFkh e —f"k ,o i;koj.k d çfr HkkoukRed nf"Vdk.k dk fodkl] çkÑfrd l lkëkuk d d'ky çcëku dh {kerk rFkk lkekftd Hkkouk fodflr djuk bl ikB;Øe dh ey èkjh gA bld ekè;e l fon;kFkh e viuh feVVh] viuh tehu rFkk viuh l lÑfr d çfr çe rFkk l Eeku dh Hkkouk tkxr gxhA og i;koj.k d çfr miHkkxoknh nf"Vdk.k d lFkku ij lg&vflrRo dh Hkkouk dk xg.k d jr g, çÑfr d l kFk rknkRE; lFkffir dj l dxkA

—f"k ,o i;koj.k f'k{k[k d ikB;Øe e y{; j[kk x;k g fd d{kk 8 dk Lrj i.k d jr&djr fon;kFkh —f"k dk; d l kFk bèku rFkk pkj dh cpr d rjhd] o{k çcëku rFkk o{kjki.k dk dk'ky çlir dj y] ft l l mue xke&lekt dh ey vko';drkvk ¼[kkn;kUu] ty] nèk] bèku] pkj vkfn½ dh vfojy çflr d fy, l lkëkuk d v{k; çcëk dju dh le> fodflr gk l dA

bl ikB;Øe d fodkl gr fd, x, fo'k"k ç;k l rFkk Je d fy, e mRrjk[k.M lok fufëk i;koj.k f'k{k[k lLFkku] vYekMk l lEcUëkr fonortuk d çfr vkHkkj 0;Dr d jr h gA

vk'kk g fd ;g ikB;Øe Nk=&Nk=kvk dk xkek l iyk;u d lFkku ij xkek d v{k; ,o lex fodkl d fy, çfjr dju e l Qy gxkA

vfuy dekj uxh
funi'kd
çkj,fEHkd f'k{k[k] mRrjk[k.M

pÜni flig Xoky
funi'kd
vdknfed] 'kk?k ,o çf'k{k.k
mRrjk[k.M

fo"K; I ph

i"B I; k

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ckDI 13&2 chtk dh cvkb	-----6
ckDI 13&3 vH;kI d fy, dN ç'u	-----9
vH;kI 14- gekj xko e mi;kx fd; tk jg vktkj] midj.k vkj ;=	-----11
ckDI 14&1 vktkj] midj.k vkj ;=	-----15
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ckDI 16&1 iM dh ikèk jkiu dk rjhdK	-----25
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ckDI 18&2 igkM vkj enku 1- ikuh	-----58
ckDI 18&3 igkM vkj enku 2- feVVh	-----60
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	ckDI 20&1 m ù k j k [k . M e ç e [k t M h & c f V ; k d h [k r h -----	79
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	ckDI 22&3 x k e i f j r = e t y & p Ø 3- i o r h ; { k = -----	116
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	ckDI 23&1 g e k j x k o d h p V V k u -----	128
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ikB;Øe dk bfrgk l

;g ikB;Øe 1986 l 2002 rd fejrkyk vkJe] èkkyknoh fodkl {k=} tuin vYekMk(mRrjk[k.M lok fufèk] vYekMk(xkèh b.Vj dkyt iuokuky(f'k{kk foHkkx] mRrj çn'k ,o mRrjk[k.M ljdkj rFkk f'k{kk foHkkx] ekuo l lèku fodkl e=ky;] Hkkjr ljdkj] ub fnYyh d l ;Dr ç;kl dk çfrQy gA

jk"Vh; f'k{kk uhfr 1986 e i;koj.k f'k{kk ij fo'k" cy fn;k x;kA mlh o"m mRrj çn'k d iorh; {k= d fon;ky;k ,o b.Vj dkyt e i;koj.k f'k{kk d ikB;Øe dk leFku iorh; fodkl d fy, xBr ;ktuk vk;kx d dk;ny vkj mRrj çn'k ,o Hkkjr ljdkj d f'k{kk foHkkx nokjk fd;k x;kA mRrjk[k.M lok fufèk i;koj.k f'k{kk lLFkku] vYekMk u bl dk; dk dju d fy, viuh lgefr nhA

bl ikB;Øe dk çjfhkd lLdj.k d{kk 9 vkj 10 d fon;kfFk;k d fy, r;kj fd;k x;kA 1987 e bl xkèh b.Vj dkyt] iuokuky e pyk;k x;kA 1988 l 1992 d çp 40 fon;ky; bl ifj;ktuk e LoPNk l lFefyr g,A çfro"m tu ekg e lokjr vè;kidk d ikp fnolh; ç'k{k.k xkèh b.Vj dkyt iuokuky e vk;kftr fd, x,A tu 1998 d ckn ; ç'k{k.k mRrjk[k.M lok fufèk i;koj.k f'k{kk lLFkku] vYekMk e vk;kftr fd, x,A

1991&92 e lHkh çfrHkfx;k nokjk bl dk xgu ijh{k.k fd;k x;kA ifj.kkeLo: i bl ikB;Øe dk iuxBu 5 o"kh; ikB;Øe d : i e d{kk 6 l 10 rd d fy, fd;k x;kA tfu;j gkbLdy ¼d{kk 6 l 8 rd½ d le; foHkk tu pØ e txg fey xBA l'kkfèr ikB;Øe tfu;j gkbLdy@gkbLdy@b.Vj dkyt e yxk;k x;kA 2002 rd bl ikB;Øe dk pyku oky fon;ky;k dh l[;k c<dj yxHkx 1000 gk xb gA bl l'kkfèr ikB;Øe d 9oh rFkk 10oh d{kk d fgLl dk i<ku d fy, fon;ky; le; foHkk tu pØ e txg ugh fey ikBA

o"m 2002 e mRrjk[k.M ljdkj u ;g fu.k; fy;k fd bl fo"m; dk nk vyx&vyx ikB;Øe e d{kk 6 l 8 rd ,o d{kk 9&10 d fy, cuk;k tk,A igy oky ikB;Øe dk jkT; d lHkh fon;ky;k e odFYid fo"m; d : i e ØkV@f'kYi d LFkku ij i<k;k tk jgk gA tykb 2002 e bl ikB;Øe d lpkyu t l dk; ifLrdkvk dh Nikb] vè;kid ç'k{k.k vkj ijh{k ç'ui= r;kj dju dk mRrjnkf;Ro f'k{kk foHkkx] mRrjk[k.M dk LFkkukUrfjr dj fn;k x;k gA Mk;Vk d ekLVj Vu l dk ç'k{k.k rFkk exn'ku dk dk; mRrjk[k.M lok fufèk i;koj.k f'k{kk lLFkku d nokjk fd;k tkrk gA

o"m 2002 e mRrjk[k.M lok fufèk i;koj.k f'k{kk lLFkku d nokjk d{kk 6 l 8 rd d fgLl dk viu e i.k cuku d fy, ikB;Øe dh ifLrdkvk dk l'kkfèr fd;k x;k gA buG iul 2009 e —f'k dk jk"Vh; ikB;p;k d vkyd e i;koj.k d lFk tkMr g, l'kkfèr fd;k x;k gA lFk gh iorh; ,o enkuh lLdj.kk dk ,dh—r Hkh fd;k x;kA bl ikB;Øe d lpkyu e mRrjk[k.M lok fufèk i;koj.k f'k{kk lLFkku rFkk f'k{kk foHkkx] mRrjk[k.M lFk&lFk dk; dj jg gA

vè;ki d k ,o vfHkHkkodk d fy,

vkèkfudhdj.k l gekj n'k dk vud ykHk g, gA fiNy 50 o"kk dh ryuk e ge vkt vfèkd l jf{kr ,o LoLFk gA lMd o VyhQku u ;k=k ,o lpkj l foèkk dk vk l ku cuk fn;k gA thou dk vfèkd l jy ,o vkuUne; cuku d fy, vud oLr, cktkj e gA gfjr Økfu d QyLo: i —f"k mRiknu e cgr onfèk gb gA

bu ykHkk d l kFk&l kFk bl fodkl u vud xEHkj leL;k, Hkh ink dj nh gA dy&dkj [kkuk] dkj] Vd ,o cl k l 'kgjk e ok; çn" k.k gk jgk gA gekj dy&dkj [kkuk d dpj l ty l l kèku çnf"kr gk jg gA ty ,o ok; çn" k.k u ijkuh chekfj; k dk c<ku d l kFk&l kFk vud ub chekfj; k dk tUe n fn;k gA

gekj n'k d xkeh.k {k= d ou rth l ylr gk jg gA QyLo: i bèku ydMh ,o pkj dh deh gk xb g vkj Hk&{kj.k rho xfr l gku yxk gA iorh; {k= e ouk d u"V gku l ty l kr Hkh l [ku yx gA tgg vkèkfud Ñf"k ç.kkyh viukb xb g ogk ou fouk'k ,o Hk&{kj.k d l kFk&l kFk feVVh dh mojk 'kfDr Hkh ?kVrh tk jgh gA Qlyk dk l hpu d fy, vR; fèkd ek=k e ikuh dk mi; kx dju l d, l [k jg gA dhVuk'kdk d mi; kx d dkj.k gekjh feVVh] Hkfexr ty ,o Hkk tu çnf"kr gk jg gA bu lcdk gekj LokLF; ij cjk çHkko iM jgk gA

bu leL;kvk d çfr lekt e c<rh tkx: drk l ge bl fu"d"k ij igpr g fd bl rjg dk fodkl fVdkÅ ugh jg l drk gA ;fn gekj i; koj.k & gok] ikuh] Hkfe rFkk ou dk ud l ku igprk g rk okLrfod fodkl ugh gk l drk gA ge bu leL;kvk dk gy [kk tuk gkxk vkj bud lekèkku dk nfud thou o jktxkj e viukuk gkxkA

ge e l vfèkd'k yx bu leL;kvk l ijh rjg ifjpr ugh g D; kfd tc ge cPp Fk rc ; leL;k, fon; eku ugh FkhA ge ;g Hkh ugh tkur g fd gekj viu gh fØ; kdyk i nokjk bu leL;kvk dk tUe gvk gA bl ikB; Øe e gekjk ç; kl Ldy d cPpk dk i; koj.kh; leL;kvk d çfr tkx: d djuk ,o bu leL;kvk d lekèkku d fy, Kku o dk'ky çktr dju e mudh l gk; rk djuk gA

fon; ky; k d bu dk; Øek l vfHkHkkodk dk Hkh cPpk d l kFk l h[ku dk volj feyrk gA bl d vfrfjDr vfHkHkkodk dk bl ikB; Øe e vifjgk; Hkfedk vnk djuh gkrh gA ;g ikB; Øe rHkh çHkkodkjh gk l drk g tc vfHkHkkod cPpk dk l h[ku e l gk; rk dJA ekrk&firk ylr gk jg ikjEifjd Kku ,o dk'ky dk viu cPpk dk n l dr gA bl l i; koj.k dh cgr l h oreku leL;kvk dk gy dju e l gk; rk feyxhA

vè;ki d gku d ukr i; koj.k dh leL;kvk d fo" k; e ge Hkh cgr dN l h[kuk g rkfd ge tku l d fd bu leL;kvk d lekèkku d fy, vfHkHkkodk ,o cPpk dh fd l çdkj l gk; rk dh tk l drh gA okLro e bl fo" k; dh fo" k; oLr dk vè;ki d] Nk= vkj vfHkHkkod rhuk d l k> k ç; kl l l h[kk tk l drk gA l h[ku dh bl çfØ; k e ; rhuk l eku l gHkxh gA

bl ikB;Øe dk uke ßgekjh èkjrh] gekjk thoup gA ble Hkfe ,o ouk d vour gku dh leL;k of.kr gA Hkfe ,o ouk dk iu%LFkkfir dju d rjhd rFkk bud fVdkÅ mRiknu gr çcUèk dju d rjhd crk, x, gA mRrjk[k.M dh gekjh e[; ifjliFr Hkfe vkj ou g blfy, gekjk fodkl ey :i l bud vPN çcUèk ij fuHkj gA gekj vfèkdk'k cPp xko e gA blfy, mud l jf[kr vkj vkjenk;d Hkfo"; d fy, mUg çj.kk vkj l kèku ¼Kku ,o dk'ky d :i e½ nuk gekjk nkf;Ro gA

gekj dN cPp vkt hfodk çklr dju d fy, vo'; gh jkT; d ckjg tk,xA mud fy, Hkh i ;koj.k dk ;g ikB;Øe egroi.k gA gekj n'k e gh ugh cfYd lep fo'o e i ;koj.k f'k{kk vc fon;ky; ikB;Øe dk vx cu pdh gA i ;koj.kh; leL;kvk ,o mud lekèkku d Kku dh vko';drk jk txkj d fy, Hkh c< jgh gA ft l çdkj n'k d vyx&vyx fgL l k e Hkk"kk cny tkrh g yfdu vk'kk dh tkrh g fd Ldyh f'k{kk çklr dju oky l Hkh Nk= Hkk"kk ç;kx ¼vFkk i<u] fy[ku o ckyu½ e n{k gk m l h çdkj i ;koj.k f'k{kk dh fo"k; oLr LFkku fo'k'k d vul kj fHkUu&fHkUu gkxh yfdu bld flnèkkUur mRrj&nf{k.k] 'kgj&xko gj txg ,d gh gkx blfy, i ;koj.k f'k{kk gj fon;kFkh d fy, vfuo; gA

bl ikB;Øe e cPp vfèkdrj f'k{kk Ldy d dej l ckjg çklr djr gA fon;kFkh vè;;u xko e tkdj lpuk, ,o vkdM bdVBk djr g] fQj mudk fo'y" k.k djr gA bld l kFk gh o Hkfe] ou vkj ikuh d çcUèk d u, rjhd dk vè;;u djr gA bl dk; ifLrdk dh fo"k; lph dk n[kdj ;g Kkr gk tkrk g fd fon;kFkh fdu 'kh"kd dk vè;;u djr gA o NkVh&NkVh Vky;k e dk; djr gA o viu ekrk&firk l tkudkfj;k vkj lgk;rk ekxxA bl ikB;Øe d vUrxr fon;kFkh tk Hkh dk; dj] vfHkHkkod mul iN fd o D;k dk; dj jg g vkj D;k\ vè;kid fon;kfFk;k dk vko';d èkkj.kk, nx ,o mud dk; dju e viuk ekxn'ku nxA l kFk gh mUg ç'u iNu d fy, çkR l kfgr djxA vè;kid l h[ku d bl dk; e fon;kfFk;k vkj mud ekrk&firk d lgHkxh gA

ge vk'kk g l Hkh ekrk&firk] vè;kid o cPp bl ikB;Øe e #fp yxA Hkfo"; e bl ikB;Øe e l èkkj gr viu l>ko viu fon;ky; d çèkkukpk; d ekè;e l mRrjk[k.M l ok fufèk i ;koj.k f'k{kk l LFkk] vYekMk dk Hkft ,xA

vè;kidk d fy,

ikB;Øe Ipkyu I EcUèkh I >ko

i;koj.k fo"kk; dk ;g ikB;Øe rhu o"kk ¼d{kk 6] 7 vkj 8½ d ikB;Øe dk feyk dj i.k gkrk gA ikB;Øe dh fo"kk; oLr dk Hkfe] ikuh] o[k] QIy] dEikLV] i'k] pkjk] bèku ydMh] turk vkj ifjr= 'kh"kd e j[kk x;k g] ft l l ikB;Øe dk ey <pk curk g vkj fon;kFkh e èkkj.kkvk] Kku vkj dk'ky dk fodkl vH;k l k d Øe e gkrk gA

ikB;Øe dh dUæh; èkkj.kk g % ifjr=A ifjr= dk lrfyr cuk, j[ku d fy, vU; Ig;kxh èkkj.kk, g(çtkfr;k dh fofoèkrk] çtkfr;k dk vudyu] v{k;r] ekuo lenk; vkj èkkjd {kerkA ikB;Øe bl rjg r;kj fd;k x;k g fd bu ey èkkj.kkvk dk fon;kFkh 0;kogkfjd vH;k l k nokjk le> l dA

ikB;Øe dh fo"kk; oLr dk vH;k l k vkj ckDl k d vnj j[kk g] ft le T;knk tkj vH;k l k ij fn;k x;k g vkj mUg ckDl k l igy j[kk x;k gA ;gh dkj.k g fd 3 o"kk dh fo"kk; oLr dk dk; ifLrdk d : i e çLrr fd;k x;k gA

gj vH;k l dk mnn'; rFkk ml dju dk rjhd dk; ifLrdk e crk;k x;k gA dN vH;k l k e t gk t : jh le> k x;k g vè;kid d fy, ukV Hkh fn, x, gA gj vH;k l d lkFk ,d ;k ,d l vfèkd ckDl gA ckDl db çdkj d g(t l db ckDl vH;k l k dk dju d fy, èkkj.kk vkj rjhd crkr g] tcf dN tkudkj nu d fy, j[k x, g ftudh enn fon;kFkh vH;k l k dk dju e y l d xA dgh&dgh flnèkkUr ¼èkkj.kk½ dk Li"V dju d fy, vkdM Hkh ckDl k e fn, x, gA dN ckDl ppk vkj dgkuh d : i e Hkh gA , l ckDl k dk vH;k l dju d ckn i<k,A

ikB;Øe dh ç;kx'kkyk g & xko] D;kfd xko ifjr= dh i.k bdkb gA bl ikB;Øe e fon;kFkh rhu o"kk e fd l h ,d xko dk i.k ifjek.kkRed vkj x.kkRed vè;;u djx blfy, d{kk 6 d 'k: e gh ,d vè;;u xke pu yuk gkxk tk yxkrkj rhu o"kk ¼d{kk 6] 7 vkj 8½ d fy, jgxkA tc u, fon;kFkh d{kk 6 e vk, rc o n l jk vè;;u xke puxA

dk; ifLrdk dh : ij[kk d vulkj dN vH;k l xko tkdj gh dju gkx t l fd d{kk 7 e vH;k l 14] 15] 21] 22] 24 ,o 25 xko tk dj fd, tku gA

xko tkdj fd, tku oky vH;k l k e yxHkx ½ fnu dk le; ¼,d yEck oknu½ yxxk ft l dk çcuèk vkidk viu çèkkukpk; @çèkkukè;kid d lkFk fopkj&foe'k dj d djuk gkxkA

ikB;Øe 'k: dju l igy vki ogk d fuokfl;k l feyu xko tk,A mUg bl ikB;Øe d ckj e crk, vkj mul fuonu dj fd ikB;Øe d lpkyu e o gekjh enn djA ikB;Øe d lpkyu e xkeokfl;k dk Ig;kx cgr vko';d gA

ikB;Øe d vH;k l k e fon;kFk;k d lkFk Hkx ydj xkeok l h Hkh viu i;koj.k d ckj e cgr dN l h[kx vkj xkeokfl;k d ikjEifjd Kku dk fon;kFkh l h[kxA

ç;kxkRed dk; dk Bh d rjg dju d fy, ikB;Øe d vkjEHk e d{kk d vkdkj d vulkj d{kk dk yxHkx 10 Vky;k e ckV nA gj Vkyh e 2 l 5 d çp fon;kFkh gkA fon;kFkh viu vè;;u xke dk vè;;u Vky;k e djx ft l l mUg viu vè;;u xke d db ueu feyxA bu ueuk dk vklr fudky dj o fo'olu; vkdM çl r djxA

vè;kidk dk ;g l>ko fn;k tkrk g fd ikB;Øe dk i<ku d fy, o fopkj&foe'k
dh 'kyh viuk,A vki ;g ik,x fd fon;kFkh viu LFkkuh; i;koj.k d ckj e dkQh dN
tkur gA vè;kid dk dke g fd fon;kFkh rF; : i e tk Hkh tkur gj mI mHkkju vkj
bu rF;k ij fopkj dju e fon;kfFk;k dh lgk;rk djA bld fy, vko';d èkkj.kk,
miyCèk dj,A

ikB;Øe d lpyu d fy, vki gj lky d 'k: ei ,d ikB;Øe ipkx] ft le
gj vH;kI dk dju dh rkjh[k nh gk] vo' ; cuk y] D;kfd dN vH;kI lky d fdUgh
fo'k"le; e gh fd, tk ldr gA mnkgj.k d fy, ßQly dh mit rHkh ekih tk ldrh
g tc Qly dVkb d fy, r;kj gkAB

fon;kfFk;k nokjk ,df=r fd, x, vè;;u xke d vkdMk ,o tkudkfj;k dk vki Hkh
viuh dk; ifLrdk e ukV dj tk ,d ekLVj dkih gkxhA fon;kfFk;k I Hkh dg fd o
viuh dk; ifLrdk dk lHkky dj j[k D;kfd ;g ifLrdk, vx d o"kk e lnhk dk dke
djxhA

vH;k l dju dh rkjh[k] -----

dkM] Hkfe 4
ekg] vçy

vH;k l 13

Hkfe {k= uki rduhd 2-

V<&e< [kr

ifjp;

Hkfe ukiu d ftu flnèkkurk dk geu vH;k l 2 vk; rkdj [kr e l h[kk Fkk mudk mi ;kx
djr g, vkb, vc ge ,d [kr dk {k=Qy fudkyA

vko'drk,;

1- ukiu dk Qhrk & 15 eh

dk;l fofèk

1- viu vè;;u xke e fd l h ,d ifjokj d ef[k;k l vujkèk dhft , fd vkidh d{kk
dk viuk ,d [kr ukiu nA

2- ckDI 13&1 e fn, x, rjhd d vulkj viu pu g, [kr dk ukiuk 'k: dhft ,A
viuh uki&tk[k dk ;gk fyf[k,&

[kr dh yckb _____ ehVj

pkMkb d uki _____ ehVj

_____ ehVj

_____ ehVj

_____ ehVj

_____ ehVj

_____ ehVj

3- vc [kr dk {k=Qy fudky, vkj l kjh x.kuk l keu d i"B ij fn[kkb,A viuk mRrj
;gk fyf[k,A

[kr dk {k=Qy ¾ _____ ox ehVj

vè;kiu ldr

;g vH;k l djku l igy ckDI 13&1 vo'; i<k yA ;g ckDI V<&e< [kr ukiu dh
l jy fofèk crkrk gA bl vH;k l dk Qly dkVu d ckn tc [kr [kkyh gk rHkh dj,A

leL;k,j vkj ç'u

- 1- vkiu viu [kr dk {k=Qy ox ehVj e fudkyk gA ,vj vkj ukyh e ;gh {k=Qy fdruk vk,xk\ viuh x.kuk dk lkeu d [kkyh i"B ij fn[kkb,A

mRrj _____ ,vj

mRrj _____ ukyh

- 2- bl [kr e cku d fy, xg d fdru cht dh t:jr gkxh\

mRrj _____ fdxk

- 3- eku yhft , bl [kr e mxh ,d xg dh Qly e 22 fdxk çfr ,vj dh nj l vukt gkrk g rk bl [kr e dy fdru fdxk vukt gkxk\

mRrj _____ fdxk

- 4- eku yhft , bl [kr e ge VekVj mxkr g] ge fdru VekVj d ik/kk dh t:jr gkxh\

mRrj _____ ik/k

- 5- dHkh&dHkh ckfj'k dk ikuh [krk dh feVvh cgk y tkrk gA D;k vkidk yxrk g fd bl [kr e fdlh txg ,lk gvk g\ ;fn gk] rk dgk\ bl jkdu d fy, D;k fd;k tk ldrk g\

mRrj

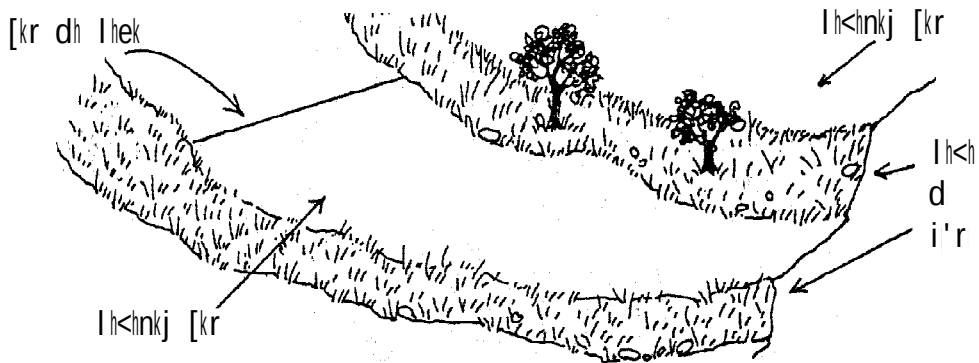
vè;kid d gLrk{kj -----

fnukd -----

ckDI 13&1

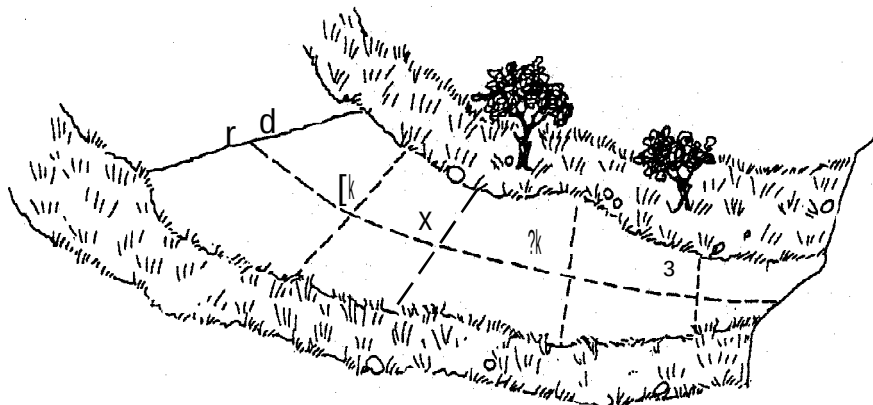
,d V< frjN [kr dk ukiu dk rjhdK

vH;kI 2 vk; rkdKj [kr e vkiu [krk dk lKQ lFkj oxk vkj vk; rk e ckV/k FkKA
bue l fdlh dh Hkh yckb dk pkMkb l x.kk djd vki l jyrk l mldk {k=Qy
fudky yr FkA vfekdrj [kr rk vk; rkdKj ;k oxkdKj gkr g] yfdu dgh&dgh
V<&e< frjN [kr Hkh n[ku dk feyr gA t l k uhp d fp= e fn[kk;k x;k gA



fd l h , l [kr dk {k=Qy fudkyu dk l nekfrd rjhdK g& [kr dk dYifud : i
l vk; rkdKj ;k oxkdKj VdMk e ckVdj mudk {k=Qy fudkyuk rFk fQj ij [kr dk
{k=Qy fudkyukA ;g l h[ku d fy, vkb, ge ,d dkxt ij ,d vH;kI dJA [kr
dk Åij d fp= dh rjg vfdR dhft ,A mld ckn db l hëkh iMh gb ¼vuçLFK½ j [kk,
[khfp,A bu j [kkvk dk uhp d fp= e ^d* ^[k* ^x* ^?k* ^3* l fn[kk;k x;k gA

bu l hëkh iMh gb l Hkh j [kkvk l 90 fMxh dk dk.k cukrh ,d j [kk ^r* fpgfur
dJA t l k uhp d fp= e fn[kk;k x;k gA



[kr dk {k=Qy yxHkx bl çdkj gkxk

$$\{k=Qy \frac{3}{4} \frac{d \$ [k \$ x \$?k \$^3}{5} \times r$$

tc vki fd l h [kr dk ukiu tk, rk mldk ukiu dk ,d rjr vkj 0;ogkfjd
rjhdk bl çdkj g %

1- [kr dh yckb ukfi , bl ^r* dfg,A

2- [kr dh yckb dk 5 ;k 10 l Hkx n %;g fuHkj djrk g ft ru ehVj dk
Qk l yk vki vuçLFk j [kkvk d chp j [kuk pkgr gA½ fQj [kr dh pkMkb dk
bl Qk l y l NkM&NkM dj ukiuk 'k : djA bl d] [k] x] ?k] ----- vkfn
uke nA

3- bu vuçLFk j [kkvk dk vki r fudky ekuk og ^v* g rk vkid [kr dk {k=Qy
gkxk

$$\frac{3}{4} v \times r$$

ekuk yckb ^r* 50 eh g vkj [kr dh pkMkb d ikp uki g %&

35 eh] 28 eh] 22 eh] 20 eh] 15 eh bu ikpk dk vki r gkxk

$$\frac{35\$28\$22\$20\$15}{5} \frac{3}{4} \frac{120}{5} \frac{3}{4} 24$$

$$^v* \frac{3}{4} 24 \text{ ehVj}$$

$$\{k=Qy \frac{3}{4} v \times r$$

$$\frac{3}{4} 24 \text{ eh} \times 50 \text{ eh} \frac{3}{4} 1200 \text{ ox ehVj}$$

$$;k \frac{12}{100} \frac{3}{4} 12 ,vj$$

$$\frac{12}{200} \frac{3}{4} 6 \text{ ukyhA}$$

ckD I 13&2

cht k dh cvkb

tc fd l h ikèk d cht id tkr g] rk o tehu e fxj tkr gA mue l dN ogk
mx dj u; ik/k cu tkr gA o mu ikèkk dk LFkku y yr gA tk cht fxjdj ej tkr
gA ;n;fi vfèdk'k cht ej tkr g ;k dhM&edkMk vkj pg nokjk [kk fy, tkr g
vkj u; ikèk ugh cuk ikr gA bld vud dkj.k gA viu [krk e Qly mxkr le;
ge pkgr g fd tk cht ge ck; og mxdj u;k ikèkk cu ;k mue l vfèdk'k u;
ikèk cuA fd l h ou e 100 fxj cht k e l 'kk;n ,d cht thfor jgrk g vkj u;k ikèkk
cukrk gA viu [krk e ge pkgr g fd 100 cht k l 80 ;k 90 cht mx vkj u; ikèk
cuk;A blfy, ge ;g tkuuk pkfg, fd cht D;k ej tkr g vkj vU; thok nokjk
d l u"V fd;k tkrk g] rkfd ge mudh l j{kk dj l dA

;fn feVVh dh lrg lery vkj eyk;e gk rc bld lid e vku okyk cht bl l
ueh vo'kkf kr dj mxrk gA ;fn feVVh dh lrg e o"kk ;k flpkb l ueh cuh jgrh
g rk cht uhp dk tM Qykrk g vkj c< tk,xkA %feVVh dh fupyh lrg Åijh lrg
dh vi{kk njh l l [krh gA blfy, ble ueh cuh jgrh g tk fd u; ikèkk dk ikuh
miyCèk djkrh gA% ;fn cht d mxu d ckn feVVh l [k tk, rk mxk cht l [kdj
ej l drk gA

tc dkb cht feVVh dh lrg ij fxjrk g vkj ;g fn[kkb nrk gk rk bl phfV;k
vkj pg viu tMk d Hkk tu d fy, bdVBk dju dk mBk y tk l dr g ;k fpfM;k
nokjk ogh ij [kk;k tk l drk gA

ck; x; chtk dk l jf{kr j [ku d fy, mUg ue vkj <dk j [kuk pkfg,A , l k dju
d nk rjhd gA ;fn cht feVVh dh lrg ij j [k tkr g vkj o"kk ugh gk rk [kr dh
fu;fer flpkb djuh pkfg, vkj chtk dk dEikLV dh ,d ijr l ;k fiNyh Qly
d vo'kk l <dk gkuk pkfg,A bl rjg l o fn[kkb Hkh ugh nx vkj o"kk ;k flpkb
d u gku ij Hkh bruh tYnh ugh l [kxA mRrjk[k.M e vfèdk'k [krk e flpkb ugh
dh tk l drh] blfy, 'k"d ekle e lrg e cht ckuk %fNVddj cht ckuk% l Qy
ugh gk ikrk gA

cht k dk l [ku l cpku dk nljk rjhdk mudk feVVh d vnj j [kuk gA

tc gekj iotk u Qly mxku d fy, lcl igy txyk dk gV;k;k] mUgku iMk]
>kfM;k ,o vU; ouLifr;k dk dVvk rFkk mUg l [ku d ckn tyk fn;kA tyu d ckn

feVVh eyk;e gk x;hA ,d udhy MM l feVVh e Nndj m le cht Mkyk vkj <hyh feVVh l bldk <d fn;kA bl l cht l jf{kr ,o ueh okyh feVVh d lid e cuk jgrk gA ;g cht cku dk ,d lQy rjhdK FkKA yfdu ble cgr le; yxrk vkj cM [krk e cvkb djuk dfBu FkKA

cvkb d dN o"kk ckn ey o{kk dh tM vkj vU; ou ikèk lM&xy x; ;k u"V dj fn; x; FkA rc chtk dk feVVh e Qyk dj QkoM l feykuk l Hko gvKA ckn e] gy dh [kk t gb vkj cht dk feVVh e feyku d fy, trkb dh tku yxhA ckn e] ;g ik;k x;k fd chtk dk gy l cukb ukyh e Mkydj cxy dh cuh ukyh dh feVVh l <dk tk ldrk gA vr e ;=k dh lgk;rk l cht cku dh ;fDr << fudkyh xb tk ukyh cukdj m le cht Mkyrk g vkj fQj m l <d nrk gA bl fofèk l Qly dh ikèk drkj e mxrh g ft l l [kr dh fujkb djuk l jy gk tkrk gA

fQj Hkh cht cku d fy, [krh dh [knkb vkj trkb djuk ,d xHkhj leL;k gA feVVh dh lrg o"kk] èki] ,o ok; d lhèk lid e jgrh gA ft ld ifj.kkeLo: i gok vkj ikuh feVVh dk cgk y tkr gA feVVh dh bl gkfu dk jkdu d fy, dN fd lku vc cvkb dh mu fofèk;k ij ç;kx dj jg g] ftue feVVh dk ugh fgykuk iMrk vkj u gh lrg dk [kyk j[kuk iMrk gA

cvkb dh fofèk;k e l ,d fofèk g ft le [kr dh lrg e chtk dk igyh Qly d dkVu d ckn ck;k tkrk g vkj mUg egu dEikLV ;k Qly vo'k"K dh ijr l <d nr gA nljh fofèk e [kr dk tkr fcuk mue ukfy;k cukr g vkj igyh Qly d vo'k"K dk [kr e eYp d : i e NkM nr gA bl fofèk l [kr dh ijh feVVh <hyh ugh gkrh vkj vki kuh l feVVh dk {kj.k ugh gkrk gA ;fn [kr e eYp dh dEikLV dk cht cku d ckn Qyk fn;k tk, rk [kjirokj Hkh de mxxh vkj ;fn mxh [kjirokj dk m[kkM ;k dkVdj [kr e gh NkM n] rk eYp dh rjg ;g feVVh {kj.k dk de dj nxkA

;fn cht cku l io [krk dk fcYdy Hkh u tkrk tk, rk u doy feVVh l jf{kr jgxh oju Je dh Hkh vR;fèd cpr gxhA cyk dh Hkh t : jr ugh gxh ¼f lok; xkMh [kphu d½A ;fn cy j[k tk, de ;k j[k gh u tk, rk xk; vkj Hk l k d fy, vfèd pkjk gxk vkj fQj vfèd nèkA

ckDI 13&3

vH;kI d fy, dN ç'u

bl ckDI e vkidk dN ç'u gy dju dk feyxA bul vkidk vko'; d vH;kI dju dk feyxA lKfk gh vxj vki buğ gy dj ik, rk tk vH;kI vkj ckDI bl lky i< g mue tk fn;k x;k g ml vki Hkyh&Hkkfr le> yxA

bu ç'uk dk gy dju d fy, gj Vkyh d lNl;k dk fey dj dke djuk gkxkA fQj vki viuh gyk dk nljh Vkyf;k d gy l feyk ldr gA ;g vo'; gkuk pkfg, fd vkidh Vkyh dk gj lNl; viuh vki Hkh ç'uk dk gy dj ldr gA ;g dkb ijh{k ugh gA vki viuh dk;&ifLrdk lKfk j[k vkj vko'; drk gk rk ml n[k Hkh ldr gA lc ifjdyu blh ckDI d [kkyh i"Bk ij lQ&lQ dfj,A

leL;k,j

- 1- fd l h ,d çdkj d oğk d 1000 chtk dk otu 100 xke gA ge 200 ikèk Fkyk e cht cuk pkgr gA gj Fky e nk cht ckr gA ck, x, chtk dk otu fdruk g\ vxj ge gj Fky e pkj cht ck, rk ftru cht ck; tk,x mldk otu fdruk gkxk\

mRrj % -----

- 4- ge viuh xko dh ctj Hkfe d ,d Hkx e iM yxku dh ;ktuk cukuh gA {k= 150 ,vj gA vxj ge ikèk dk 1 eh x1 eh d Qkly l yxkr g rk ge fdruh ikèk dh t : jr gkxh\ vxj ge 2 eh x 2 eh d Qkly l yxk, rc fdru ikèk dh vko'; drk gkxh\

mRrj % -----

- 5- ,d fo'k"oğk cht leg dk vdj.k çfr'kr 60 gA ge 150 Fkyk e ,d&,d cht ckr gA fdru Fkyk e ge cht vdfjr grk ugh feyx\

mRrj % -----

- 7- ,d V<&e< [kr dh yckb cnp l 80 eh gA bl dh pkMkb ikp txgk e ukih xb tk Øe'k 19 eh] 16 eh] 14 eh] 14 eh] 12 eh] gA rk ml [kr dk {k=Qy ,vj vkj ukyh e crkb,\

mRrj % -----

vH;k l 14

gekj xko e mi ;kx fd ; tk jg vktkj midj.k
vkj ;=

ifjp ;

[krh&ckMh d dk ; e ge db vktkj] midj.kk rFkk ;=k dk ç ;kx djr gA bl vH;k l
e ge viu xko e ç ;kx e vk jg midj.kk vkj ;=k d ckj e lh[kxA

dk ; l fofèk

1- çR ; d Vkyh dk mud fy, fuèkkfjr ifjokj e tkdj fuEu tkudkfj ; k çklr dJA

d- vkid ifjokj e [krh&ckMh] i'kiky vkj Qykn ; ku d fy, dku&d ku l
vktkj] midj.k vkj ;= muG fn[kku dk vujkèk dj rFkk çR ; d midj.k ;=
d mi ; kx dh lpuk Hkh rkfydk 14&1 e fy[k yA

tk vktkj vkj midj.k vkidk fn[kk, mud ukekfd r j[kkfp= lkeu [kkyh
i"B ij cuk,A

[k- lcfèr ifjokj d lnL ; k l ; g Hkh ekye dj fd dku l midj.k vkj ;= dk
ç ; kx og djr g ij mud ikl og ugh gA lpuk rkfydk 14&2 e fy[kA

x- dku&d ku l vktkj] midj.k , l g ftudk ifjokj okyk }kjk fd ; k tkrk g
vkj dku&d ku l vktkj] midj.k vkj ;= xko e gh miyCèk g vkj dku&d ku
l midj.k vkj ;= ckj l yk ; tkr gA lpuk fuEu rkfydk 14&3 e fy[kA

2- çR ; d Vkyh d{kk e vU ; Vky ; k l fopkj&foe'k dj rkfydk 14&1] 14&2 , o 14&3
dk ijh dj yA

v/ ; kiu ldr

bl vH;k l dk dju l igy ckDI 14&1 i<k yhft ,A bl vH;k l e xko d ykx
fon ; kFk ; k d fy, lnHknrk gkx] blfy, vki lcfèr ifjokj d lnL ; k l fon ; kFk ; k dk
lefpr tkudkj nu , o vktkj] midj.kk dk fn[kku dk vujkèk vo' ; dJA

rkfydk 14&1- lcfèkr ifjokj d: ikl vktkj] midj.k ,ol ;:=

Øe	vktkj midj.k ;= dk uke	dk;] ftue bldk ç;kx gkrk gA

rkfydk 14&2- midj.k ,o ;=k d d k;l ,o 0;oLFkk

Øe	midj.k ;k ;= dk uke	dk;j ft le mudk ç;kx gkrk g rFkk mldh 0;oLFkk d l gkrh gA

rkfydk 14&3- vktkj rFkk midj.k dgk l çklr gkr g\

Lofufer midj.k

xko ;k vktkl e miyçèk

ckgj l yk, tk jg

ç'u

- 1- ckDI 14&1 e of.kr vktkj] midj.k vkj ;=k e l dku l , l vktkj] midj.k o ;= g tk vkiu viuv/; ;u xko e ugh n[kA vki mud u gku dk D;k dkj.k le>r g\

vè;kid d gLrk{kj -----

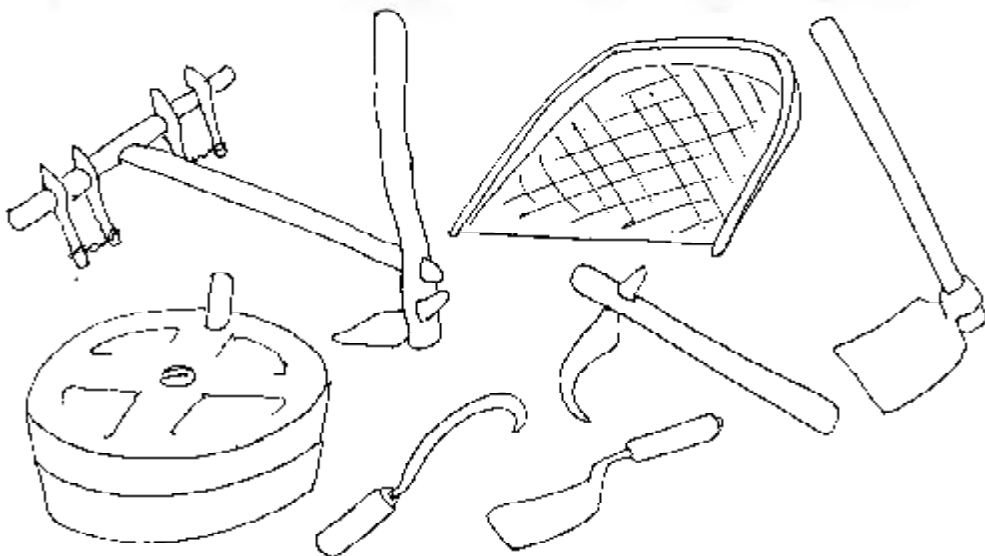
fnukd -----

ckDI 14&1

vk tkj] midj.k vkj ;=

Qly] o{k vkj ikuh d çcèk d fy, ge cgr l vk tkj] ;= vkj e'khuk dk mi;kx djr gA vk tkj ,d NkVk l kèku g ft l gkFk e idMdj dke fd;k tkrk g t l& njkrh] [kji h ;k dVyh vkj QkoMkA midj.k vfèd cMk o vfèd tfVy l kèku g t l& gy] g.MiEi] pkjk dkVu dk midj.k] pDdh vkj cyxkMhA ;= tfVy o ;kf=d l kèku g t l& eMkb dh e'khu] fon;r ;k Mhty iEi vkj VDVjA bue l dN dk vkfo"dkj cgr igy fd;k x;k vkj o vkt Hkh mi;kxh g] tcfd dN dk vkfo"dkj gky e gh fd;k x;k gA

l oçFke ftu vk tkj] dk vkfo"dkj fd;k x;k mue dYgkMh Hkh FkhA o{k dh dVkb o NVkb d fy, bl dh vko'; drk FkhA vkjHk e iRFkj dh dYgkMh %ckDI 4&1½ dk mi;kx fd;k x;kA ckn e bl ykg dk cuk;k x;kA Qly mxku o Qlyk dh dVkb d fy, dVyh] [kji h] njkrh vkj QkoM dk vkfo"dkj fd;k x;kA ckn e tc [krk dh l ;k c< xb vkj o vfèd cM gk x; rc bu l kèkkj.k vk tkj] d Lfku ij cM midj.k gy rFkk feVVh dh lery dju o feVVh d <yk dk rkMu d fy, ikVk dk mi;kx gku yxkA bu ;=k l cvkb d fy, [kr r;kj dju dk dk; vfèd 'kh?krk l ,o vk l kuh l gku yxkA ekuo 'kfDr d l kFk&l kFk cy 'kfDr dh Hkh vko'; drk gk xbA bl d ckn pkjk dkVu okyk ;= rFkk xk;] cy o Hk l k dk pkjk f[kyku d fy,



ukn rFkk lkeu <ku d fy, cyxkMh dk vkfo"dkj gk x;kA tc Qlyk dh flpkb
dh ijijk vkjHk gk xb rk ufn;k vkj dvk l ikuh dk Åij mBku d fy, gkFk 'kfDr
vkj cy 'kfDr l pyu oky ;=k dk vkfo"dkj fd;k x;kA ckn e tc iVky o Mhty
d btu rFkk fo|r ekVj dk vkfo"dkj gk x;k rk budk mi;kx iEi] pDdh] pkjk
dkVu dh e'khu] eMkb e'khu rFkk VDVj pyku e fd;k x;kA

ge dg ldr g fd cgr igy lHkh vktkj ekuo 'kfDr l pyr FkA ckn e cy
'kfDr l pyu oky ;=k dk vkfo"dkj gvka vr e fon;r] iVky o Mhty 'kfDr u
cy 'kfDr dk LFkku y fy;kA bu fodk l k u ekuo dk; dk vfekd vk l ku rFkk 'kt?krk
l gku okyk o vfekd l kFkd cuk fn;kA tc cy 'kfDr dk mi;kx gkrk g rk cyk
dk xke ifjr= e gh mRikfnr inkFk f[kyk; tkr gA bl rjg vii ;=k d fy,
'kfDr xko l gh feyrh gA tc ge fon;r] iVky vkj Mhty pkfyr e'khuk dk
mi;kx djr g rc ge xko d ckj l 'kfDr dk [kjhn gA

igy le; e lHkh vktkj vkj ;= xko e gh cuk; tkr Fk] Hky gh ykgk ckj l
[kjhn tkrk FkA bud ydMh d fgLI ?kjk e ;k xko d c<b d }kjk rFkk ykg d
fgLI xko d ykgk }kjk cuk; tkr FkA vkt ykg d fgLI vkj dN ydMh d fgLI
Hkh 'kgjk d dkj [kkuk e cur g vkj ge mUg cktkj l [kjhn gA

vH;kI 15

gekj ikyr i'k

ifjp;

gj ifjokj viu ?kj e dN i'k ikyr gA bl vH;kI e ge ;g lh[kx fd fdI fdLe d tkuoj gekj v/; ;u xke e iky tkr g\ mUg D;k ikyk tkrk g vkj mudh n[kHkky dI dh tkrh gA

dk;l fofèk

1- vkidh Vkyh fiNy o"K d{k 6% e vH;kI 7 e Vkyh dk fuèkkfjr ifjokj d ikl tk,xhA ifjokj d InL;k I fuEu ç'uk dk mRrj nu dk vujkèk dj vkj mRrjk dk rkfydk 15&1 e fy[k yA

d- fdI fdLe d ikyr i'k mUgku iky g\ lHkh fdLe d i'k lfeefyr dju dk /;ku j[kA

[k- çR;d fdLe d i'k dk D;k mi;kx gA

rkfydk 15&1

i'k dh fdLe	mi;kx

v/;kiu ldr

d{k dk v/; ;u xke tku d fy, okfNr oknuk dh 0; oLFkk dj yhf t ,A ckDI 15&1 dk bl vH;kI d ckn Hkh dj;k tk ldrk gA

2- fuEu ç'uk dk Hkh ifN; vkj dkb ç'u vki tkuuk pkg mudk Hkh ifN;A

v- D;k vkid Hke.k d le; ifjokj d lkj i'k ?kj e gh g\ ;fn ugh] rk D;k\ o dgk g\

c- fofHkuu i'kvk dk D;k f[kyk;k tkrk g\ mUg d l f[kyk;k tkrk g\

l- ifjokj d dku lnL; tkuojk dk f[kyr gA D;k\

n- xk; vkj Hklk dk dku ngrk g\

u- tkuojk dh IQkb vkj xkj o i'k fcNkou dk dku mBkrk g\

i- i'k fcNkou o xkj dk D;k fd;k tkrk g\

Q- D;k pjkb d fy, dkb tkuoj y tk; tkr g\ ;fn gk rk D;k\ mUg dgk y tk;k
t krk g\ pjkb d nkjku og D;k pjr gA ¼ukV½ bl ç'u dk mRrj nu e l Hkh tkuojk
dk lfefyr djA mnkgj.k d fy, exh Hkh xk;k dh rjg pjr gA½

c- gy d fy, nk cyk dh vko'; drk gkrh gA D;k vki l lcfèkr ifjokj d ik l nk cy
g\ ;fn ugh] rk og viu [krk dh trkb d l djr g\

Hk- dN ifjokj d ik l dkb cy ugh gk l dr g] yfdu og viuh trkb VDVj l djr
gA D;k vki l lcfèkr ifjokj d ik l VDVj g\ ;fn ugh] vkj mud ik l cy Hkh ugh
g rk mudh trkb d l gkrh g\

e- ifjokj e dku l nL; trkb djr g\

;- chekj tkuojk dk bykt d l fd;k tkrk g\ mudk bykt dku djrk g\

ckDI 15&1

tkuoj dI ikyr cuk, x,

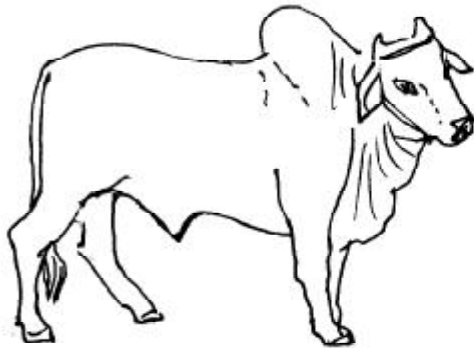
gekj xke ifjr= e db çdkj d tkuoj jgr gA dN fdLek dk ikyr cuk;k tk ldrk g] vU; dk ughA ^ikyr* 'kCn dk vfhkçk; g fd tkuoj eu"; d fu;=.k e jgA ge mUg Hkk tu] vkJ; vkj l j{kk çnku djr gA bld cny e o gekj fy, db rjg l dk; djr gA t l & gy [khpuk] ?kj dh pkdhkjh djuk vkfn vkj gekj fy, nèk] 'kgn] vM] ek l vkfn d : i e Hkh [kkn; l kexh çnku djr gA o ge [kky vkj Åu Hkh miyCèk djkr gA ftu tkuojk dk ikyk ugh tk ldrk mUg ^txyh* dgr gA txyh vkj ikyr nkuk fdLe d tkuoj gekj xke ifjr= dk LoLFk cuku d fy, vko';d gA txyh tkuojk d ckj e ge ckn e lh[kxA bl ckDI e ge ikyr tkuojk ij fopkj djxA

cgr o"kk igy 10]000 o"kk l Hkh T;knk le; io gekj iot vk[kV vkj dneY Qy ,d= djr FkA vFkk r o viuk Hkk tu ,o vU; vko';drkvk dh ifr ijh rjg l txyh iM&ikèkk rFkk tkuojk dk ekjdj djr FkA èkhj&èkhj dN txyh tkuojk dk ikyr cuk;k x;kA lHkor;k dRr dk lcl ifgy ikyr cuk;k x;k FkA ge dYiuk dj ldr g fd m l le; ekuo dk HkfM; d fiYy %cPp% fey gkx] ftudh ek ej pdh gkxhA mudk og mBkdj ?kj y vk;k gkxk vkj [kkuk fn;k gkxkA mud l kFk ekuo d cPp Hkh [kyr gkx vkj tc o cM gk x, rk og ekuo d l kFk gh jguk i l n dju yx gkxA mUgku ?kj dh pkdhkjh e enn dh gkxhA

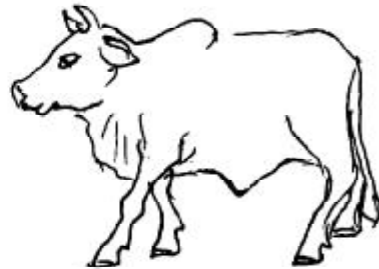
vU; tkuoj ftudk ikyr cuk;k x;k og Fk& xk;] Hk l] ?kkMk] HkM] cdjh] l vj] exh vkj gkFkhA l Hkh fdLe d tkuojk dk ikyr ugh cuk;k tk ldrk gA o dHkh Hkh ekuo d fu;=.k e ugh jgrA pkg ekuo mUg ink gku l gh ikyuk 'k: dj nA l kFk gh f'kdkj dju oky vkj ek l gkjh fdLe d tkuoj 'kkdkgkjh dh ryuk e bru mi;kxh ugh gkrA blfy, mUg ikyr ugh cuk;k x;kA mnkgj.k d fy, rnvk] mYy] prjko vkj dNokA

fd l h fo'k" d fdLe d tkuoj dk ikyr cuku d ckn ykxk u viuh vko';drku l kj lcl mi;Dr tkuoj dk p;u fd;kA mUgku lcl cM ;k NKV tkuoj d cPpk dk p;u fd;k Fkk tk lcl T;knk nèk ;k Åu nu oky ;k tk vk l kuh l fu;f=r fd, tk ldr FkA ;k lcl LoLFk Fk] ;k lcl 'kfDr'kkyh FkA

mUgku lcl cM ;k NKV] mRiknd] lgt] LoLFk] 'kfDr'kkyh tkuojk d cPpk dk p;u fd;kA ;g çfØ;k tkuoj dh db ihf<;k rd ngjkb tkrh gA rc ,d ub ^uLy*



gj;k.koh cy



igkmh cy

curh gA eof'k;k dk lnhk yA eof'k;k dh vfèdk'k uLyk dk p;u cyk dh dk;
 {kerk d vulkj fd;k x;kA igkmh vkj gj;k.koh uLy budk mnkgj.k gA iorh; {k=
 e NkV [krk dk tkru rFkk [kM igkmh jkLrk ij pyu d fy, NkV] pLr cyk dh
 t : jr gkrh gA tcf d enkuh {k=k e cM vkj yc ij oky cyk dh t : jr gkrh g] tk
 cM vkj l ikV [krk dh trkb dj l d vkj cyxkmh [khp l dA Hkkjr d çR; d e[;
 Hkkx e eof'k;k dh viuh ^uLy* gA Hkkjro" e Hk l dh nXèk mRiknu d fy, ikyr g]
 yfdu nf{k.k&io ,f'k;k e gy pyku d fy, ikyr gA Hk l k dh Hkh n'k d fofHkUu
 Hkkxk e fofHkUu uLy gA

lkeU; : i l vU; {k= d fy, p;fur uLyk dk yku dh vi{kk mlh uLy d
 tkuoj dk j[kuk pkfg, tk fd ml {k= d fy, p;fur fd;k gA

,d mnkgj.k ;jkih; fdLe d eo'kh d ikyu dk g ;k mUg ;jkih vkj LFkkuh;
 uLy d ldj.k l r;kj fd;k tkrk g %ldj uLy%A ;g i'k viU LFkku e vfèd nèk
 d mRiknu d fy, p;fur fd;k x; FkA ifj.kkeLo:i bud cNM tkru d fy,
 mi;Dr ugh gA l kFk gh] ; xk; Hkh uktd gkrh g vkj gekjh tyok; e tYnh chekj
 gk tkrh gA

viu i'kvk d çcèk e ge Hkfo"; dh uLy d fy, lokRre i'kvk dk p;u dj
 ldr g vkj bl rjg uLy e fujrj lèkkj tkjh j[k ldr gA

vH;kI 16

iM dh ikèk yxkuk

ifjp;

bl vH;kI e vki iMk dh ikèk yxku vkj mudh n[k&j[k dju dk rduhdh dk'ky
lh[kxA ;g vH;kI 10 ^iM dh ikèk mxkuk* d Øe e g] rFkk vxy o"k d vH;kI 29 rd
tkjh jgxkA

ftu iMk d cht vkiu fiNy o"k vH;kI 10
e ck; Fk 'kk;n vc mudh ikèk jkiu yk;d gk
xb gkxh] vxj vHkh rd vkidh ikèk jkiu yk;d
ugh gb rk vkid vè;kid vkid fy, vU;
ikèkk dk çcuèk dj nxA

bld ckn jki x; ikèkk dh fujUrj n[k&j[k
djuh gkxhA

vko'; drk,i

gj Vkyh dk pkfg, %

1- QkoMk & ,d

2- dVyh & ,d

3- ukiu dk Qhrk ¼1-5 eh dk½ & ,d

4- Mkyk ¼ikèk y tku d fy,½ & ,d

5- ,d ukiu dk Qhrk cMk ¼15 eh dk½ ijh d{kk d fy, pkfg,A



vè;kiu ldr

bl vH;kI dk tykb d eggu e dj, A ikèk yxku d fy, ;fn vkiu fon;ky; I ckj
dk LFky puk g rk bld fy, fon;kfFk;k dk yc oknuk dh t :jr iMxh] ft ldk çcuèk
vkidk djuk gkxkA lFk gh fon;kfFk;k dk mud jki.k LFky e gj ekg voykdu rFkk jkfir

dk;l fofèk

- 1- vkid vè;kid ikèk yxku d fy, ,d LFky pu yxA tk ;k rk vkid vè;;u xke e gkxh ;k fdlh ik l d xko e tggk o{kkjki.k dk dke py jgk gk ;k Ldy d vgr e ghA tggk rd gk ldj lc Vkyf;k dk ,d gh LFky ij ikèk yxkuh pkfg,A puh gb txg dk pju oky i'kvk l cpkuk t:jh gA
- 2- gj Vkyh yxHkx 10 vPNh ikèk yxk,A
- 3- vkid vè;kid vkidk crk,x fd ikèkk dh jkikb e chp e fdruh txg j[kh tk,A vkerkj l 2 ehVj x 2 ehVj dh njh j[kh tkrh gA vFkk 2 ehVj d vrj okyh ifDr;k e ikèkk d chp 2 ehVj dh njhA gk] vxj vki viu ikèk fdlh ,d vke o{kkjki.k ;ktuk d vUrxr yxk jg g rc rk vkidk ogk tk Hkh njh j[kh tk jgh g mlh dk ekuuk gkxkA tk njh j[kh tk, ml ;gk fy[k nhft,A
ifDr;k e ikèkk d chp dh njh % ----- eh] ifDr;k d chp dh njh % ----- eh
- 4- ukiu oky Qhr dk mi;kx djr g, Hkfe ij gj ikèk dh txg cuk nhft,A gj txg dk ,d ydMh ;k iRFkj l fpgfur dj nhft,A vkid vè;kid gj Vkyh d fy, ,d pØ e 10 LFky fu;r djxA gj Vhe dk viu yxk, g, ikèkk dh txg dk ;kn j[kuk t:jh gA vkidk bu ikèkk dh yxkrkj n[k&j[k djuh gkxhA l kFk gh vkidk bud gj jgu vkj c<u dk Hkh fujh{k.k djr jguk gkxkA
- 5- ftu ikèkk dk vkiu jki.k fd;k mud uke rFkk çR;d fdLe dh l[;k fyf[k,A

- 6- vxy lky rd de l de egu e ,d ckj viu ikèkk dk fujh{k.k dhft,A mUg pju oky i'kvk l cpk, j[ku dh iDdh 0;oLFkk dhft,A Fkky e l ?kk l vkj [kjirokj fudky nhft,A uhp [kkyh LFkku ij viu ekfld voykduk dk fy[k] t l % D;k dkb ikèk ej x;h\ fd l fdLe dh\ fd l fdLe dh ikèk rth l c< jgh g\

vè;kid d gLrk{kj -----

ckDI 16&1

iM dh ikèk jkiu dk rjhdk

tykb ekg e ikèk dk blfy, jkik tkrk g rkfd mUg gjk jgu dk vPNk volj feyA ikèk'kkyk e ikèk dh cjkckj flpkb gkrh jgrh gA jkikb d ckn vkerkj l mudh flpkb ugh gk ikrh] gk ldrk g fd vkl&ikl i;klr ikuh miyCèk u gk vkj u gh cMh jkiouf; k e ykxk d ikl vfèkd ikèk dh flpkb dju dk le; gkrk gA ikèk dh tM NKVh gkrh g vkj tehu e cgr xgjh ugh tkrhA vxj rt èki gk vkj o"kk u gk rk ikèk tYnh gh ej>k dj l[k tkr gA cj lkr d ekle e feVVh e dkQh ikuh jgrk g ft l ikèk lk[k ldr gA



ckny jgu d dkj.k iRrk l ok"ihdj.k dh nj rt èki oky fnuk l de jgrh gA bu nk ckrk d dkj.k ikèk d ej>kdj l[k tku dk Mj de jgrk gA iM d cht LokHkkfod : i l tykb eghu e gh vdfjr gkr g] tcf d cj lkr 'k: gk tkrh gA

tgk rd gk ld] lc ikèk tykb e gh jki nuh pkfg,]



ft l l o tM Qyk dj cj lkr d ckn d l[k ekle dk lkeuk dj ldu d fy, etcr gk l dA vxj jkikb vxLr e gkrh g rk ikèk dk vPNh cj lkr okyk ekle de fey ikrk gA

gk] vxj cj lkr l igy vPNh o"kk fey rk ikèk tu ekg e Hkh yxkb tk ldrh gA

i.kikrh of&çtkfr;k dk tkMk d ekle e Hkh jkik tk ldrk g tcf d o LokHkkfod : i l i=ghu gk tkr g] D;kfd rc mud iRr ugh gkr] blfy, o l[ku l cp tkr gA tkMk dh o"kk l mUg teu e enn feyrh gA

ikèk yxku d fy, xM< [kkn tk,A budk vkdkj yxHkx 30 leh x 30 leh vkj xgjk 30 leh gkuh pkfg,A nlj 'kCnk ej o gj vkj 30 leh Hk tk dk ?ku gkA feVVh

dk QkoM] dVyh] [kji h l , l gVh, fd xM< d fdukj l hék gkA t k feVVh fudy
ml xM< d ikl gh tek djr tkb, A Åijh dkyh áel ; Dr feVVh dk fupyh gYd
jx okyh feVVh l vyx jf[k, A

vc lkjh feVVh dk xM<k e Hkj nhft, A , lk djr le; mle l ?kkl vkj tM
fudky nhft, A Åijh vkj fupyh feVVh dk feyk nhft, A vc xM< ikék yxku d
fy, r; kj gA ; fn vko'; drk gk rk Fky d pkjk vkj eM cuk nhft, A

ikék'kkyk l jkiu d fy, l hék ru oky i"V
ikékk dk gh puuk pkfg, A jkikb dh txg y tku
l , d fnu igy mUg lhp k tkrk gA gj Fky dk
mBkdj mld in dk nf[k, A vxj fd l h e Hkh tM
ckgj fudyh fey rk ml CyM l lkoèkkuiod
dkV nhft, A y tku d fy, Fkyk dk fd l h ydMh
d cdl ; k Vkdjh e l hék jf[k, A mUg u gh fxjk,]
u >Vd nA

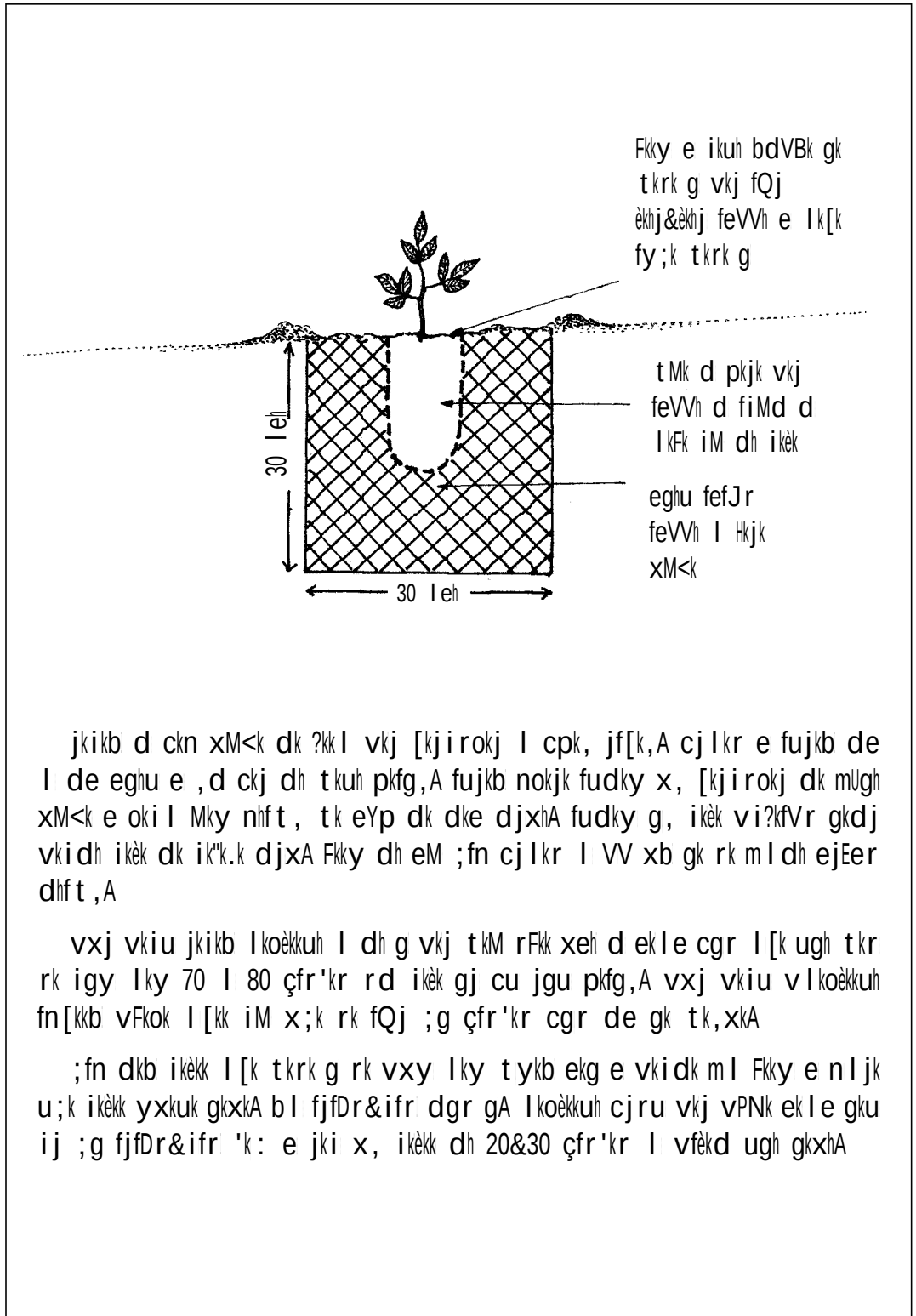
jkikb LFky e gj xM< d ikl , d&, d Fkyk
lkoèkkuiod jf[k, A Fky dk l hék j[kuk t : jh gA
ml fyVh dk ugh j[kuk gA

xM< e gkFk ; k dVyh l] Fky l FkMk cMk Nn
cukb, A , d 0; fDr Fky dk nkuk gkFk l gYd l
Fkke jg vkj nllk CyM l lykLVd d Fky dk
dkVdj fudky nA lykLVd dk dkVu d fy, njkrh dk bLreky er dhft, A

ikék dk mld feVVh d fiMd d l kFk r; kj fd, g, Nn e j[k nhft, A fiMd
dk fljk Nn dh feVVh dh lrg rd vkuk pkfg, A vxj og ml l uhp gk rk Nn e
dN vkj feVVh Hkj nhft, A vxj Åij gk rk Nn l dN feVVh fudky nhft, A
fiMd dk l hék j[kr g, Nn dk fQj feVVh l Hkj nhft, A gj eVBh feVVh Mkyu
d ckn ml viuh mxfy; k l nckr tkb, A tc Nn ijk Hkj tk, rk ckdh cph lkjh
feVVh dk ikék d pkjk vkj Mkydj ijk l nck nhft, A jkik gvk ikékk vxy i"B e
fn; fp= t l k fn[kxkA

è; ku jf[k, fd jkikb LFky e ikékk d [kkyh Fky u jg tk, A mu lcdk gVkdj
tyk nhft, A





ckDI 16&2

Qy o{kk jkiu dk rjhdk

LkkeU; o{kk dh rjg Inkcgj Qy ikèkk dk o"kk _r e yxk;k tkrk gA i.kikrh o{kk dk tMk e yxk;k tkrk gA yfdu dN ikèk t l vukj] ykdV] l rjk ,o ekYVk dk uoEcj l ekp d eghuk e yxk;k tkrk gA

Qy&o{kk dh ikèk jki.k l igy Hkfe dh trkb o xMkb dj lery dj yuk pkfg,A ikèk yxku d fy, yxHkx M< l nk ekg io xM< [kkn yu pkfg,A xM<k dk vdkj Qyk dh fdLek ij fuHkj djrk gA xgj h o vfèkd Qyko okyh tM j[ku okyh fdLek d fy, cM vdkj d xM< r;kj fd; tkr gA blh rjg e/;e o de xgjb o QYkko okyh tM oky o{kk d e/;e rFkk NKV vdkj d xM< [kkn tkr gA fuEu rkfydk e fofHkuu Qy o{kk d jki.k d fy, xM<k d eki fn; tk jg gA

xM<k dk vdkj ,o eki

Qy o{kk

cM vdkj d xM<

vke] yhph] dVgy] cj] vkoyk]
'kgrr] ykdV] v[kjKV

%1&1-2 ehVj yc] 1&1-2 ehVj pkM
rFkk 1&1-2 ehVj xgj½

e/;e vdkj d xM<

ve:n] vt[hj] dkd] uk'kikrh]
[kckuh] vM] lc] pjh] cknke]
ekYV] l rjk] vukj

%80 leh yc] 80 leh pkM
rFkk 80 leh xgj½

NKV vdkj d xM<

i i hrk] dyk] vxj

%60 leh yc] 60 leh pkM
rFkk 60 leh xgj½

fofHkuu Qynkj o{kk dh jki.k dh njh ml Qy dh fdLe ij fuHkj djrh gA dN Qy o{kk d yxku dh njh vxy i"B ij nh tk jgh gA

xM<k dh feVVh dk [kkndj dN fnu èki yxu d fy, NkM nuk pkfg,A rc feVVh l cM iRFkj rFkk tMk dk vyx dj yhft ,A fQj feVVh dk ijh rjg l lMh xkcj dh [kkn d l kFk vPNh rjg feykdj xM< e Hkfj;A [kkn dh ek=k Hkfe dh mitkÅ 'kfDr d vkèkj ij fuèkkfjr dh tkrh gA ekV rkj ij de mitkÅ ¼ t l jrhyh Hkfe½ okyh Hkfe e [kkn dh ek=k rhu pkFkkb vkj feVVh dh ek=k ,d pkFkkb

j[kuh pkfg,A bl h rjg lkekU; mit okyh Hkfe e vkèh [kkn rFkk vkèh feVVh dh ek=k j[kuh pkfg,A fpduh feVVh okyh Hkfe e ,d frgkb Hkkx [kkn] ,d frgkb Hkkx feVVh rFkk ,d frgkb Hkkx cky feykuh pkfg,A

Qy o{k i kèkk d: chp dh njh

vke 10 × 10 ehVj

yhph 9 × 9 ehVj

cj 7.5 × 7.5 ehVj

ve:n 8 × 8 ehVj

uhc] l rjk] ekYVkj l c] 7 × 7 ehVj

vkM] uk'kikrh] [ckkuh

i hrk 2 × 2 ehVj

Qy ikèk cht l vFkok dye l r;kj fd; tk l dr gA ;fn bldh 0;oLFkk u gk rk fd l h çekf.kd ikèk'kkyk l ikèk [kjhnu pkfg,A ikèkk dk feVVh dh fi.Mh d lkFk fudkyuk pkfg,A ikèkk dh fi.Mh dk ?kk l ;k ivky e bl rjg l yiVuk pkfg, fd fi.Mh u VVu ik,A ikèkk dh jkikb rd Nk;k e j[kuk pkfg, rFkk mu ij ikuh fNMdr jguk pkfg,A

ikèkk dk jki.k 'kke d le; djuk pkfg,A Hkj g, xM<k d chp e NkVk lk xM<k [kkn dj ckDI 16&1 e ikèk jkiu dh fofèk d vulkj ikèkkjki.k djuk pkfg,A

dye ikèkk d fy, ;g /;ku j[kuk t:jh g fd dye dk tM feVVh d èkjry l mruk gh Åij jg ft ruk fd ;g ikèk'kkyk e FkkA ikèkk lhèk jg bld fy, ydMh dk lgjk fn;k tk l drk gA

Qy o{k yxku d ckn ikuh nuk t:jh gA ;fn ikuh cj l jgk gk rk ikuh nu dh vko';drk ugh gA o'kk dky e jkfir o{k d ru d pkjk vkj 25 leh xkykb dk Fkkyk cuk nuk pkfg,] ft l l ikuh lhèk ru d lid e ugh vk ik,xkA bli o{k d lMu dh lHkkouk de gk tkrh gA

[kr e ikèkk dh jkikb d ckn mfpr n[kHkky djuh pkfg,A bld fy, le;≤ ij ikuh nuk] fujkb] xMkb djuk t:jh gA tMk d ek le e ikèkk dk [kkn Hkh nuh pkfg,A icy] y vkj vkyk l Hkh ikèkk dh l j{kk djuh pkfg,A

ckDI 16&3

iM vkj mudk Hkk tu

iM viuk Hkk tu [kn iink dj yr g]

gj çk.kh dk thfor jgu] c<u vkj çtuu d fy, Hkk tu dh vko'; drk gkrh gA
gj ikèk viuk Hkk tu [kn cuk yr gA tkuoj , lk ugh dj ldrA o ikèkk l Hkk tu
çklr djr g] ; k ikèkk dk [kku oky tkuojk dk [kkdjA

ikèk feVh l ikuh dk lk[kr gA ikuh d lkFk&lkFk o ukbVktu vkj mle ?ky
g, [kfut inkFk t l QkLQkj l] dfY'k; e vkj ikVf'k; e Hkh yr gA iRr ok; e. My l
dkcu&Mkb&vkDIkbM vkj l ; d çdk'k l Åtk yr gA

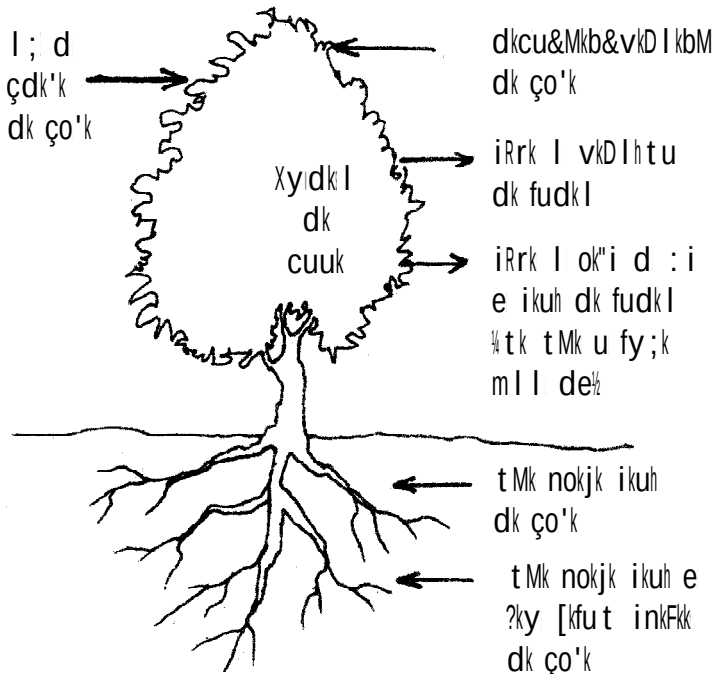
iRrk d vUnj ikuh] dkcu&Mkb&vkDIkbM vkj l ; dh Åtk fey dj Xydkl vkj
vkDIhtu cukr gA bl ge bl çdkj fy[k ldr g %

ikuH \$ dkcu&Mkb&vkDIkbM \$ l ; dh Åtk → Xydkl \$ vkDIhtu

bl çø;k dk ^çdk'k l'y"K.k* ¼QkVkl fIFkl l ½ dgk tkrk gA lkèkkj.k v.kvk
¼ikuH] dkcu&Mkb&vkDIkbM½ l tfVy v.kvk ¼Xydkl½ d fuek.k dk ^l'y"K.k*

¼fIFkl l ½ dgr g &
çdk'k ¼QkVkl½ 'kCn
ge crkrk g fd bl
çø;k e l ; d
çdk'k dh t : jr
iMrh gA

bl rjhd l
doy gj ikèk gh
Xydkl cuk ldr gA
mudh ifRr ; k e
^Dykj kfQy* uke dk
gjk inkFk gkrk g tk
^çdk'k l'y"K.k* dh
çø;k d fy,
vko' ; d gA



Hkk tu vkj iMk dk c<uk

bl rjg iMk dk eyHkr Hkk tu Xydkl gA og iRrk e curk g tgg DykjlfQy ik;k tkrk gA ogk l og ikuh e ?kydj] iM d lkj vxk e igprk gA tMk] ruk vkj 'kk[kkvk e og IY;ykt cu tkrk g tk ,d cM v.k d : i e ydMh dk çe[k vo;o gkrk gA chtk e Xydkl vkj Hkh cM v.kvk dk : i y yrk g & LVkp ¼ekM½] pch vkj çkVhu ¼çkVhu d v.kvk e ukbVktu vkj QkLQkj l Hkh gkr gA c lUr _r e tc iMk e u, iRr vkr g rc tMk vkj ruk e lfpr Xydkl iRrk dh dfy;k e tk igprk gA ogk og çkVhu dk : i y yrk g ft l l u, iRrk dk l tu gkrk gA

iM viu vfekdrj [kkn; dk mi;lx ydMh cuku d fy, djr gA bl rjg o gj lky onfek djr tkr gA ru vkj 'kk[kk, ych vkj ekVh gkrh tkrh gA tc ge fd l h iM dh iRr;k pkj d fy, dkVr g] rk og cgr ekhe c<rk g ;k fcYdy Hkh ugh c<rk] ,lk blfy, gkrk g fd iM gekj nokjk dkVh xb iRr;k o 'kk[kk, iu½ mRiUu djrk g] ft ld dkj.k ru rFkk 'kk[kkvk dh onfek d fy, cgr de Hkk tu cp ikrk gA

Hkk tu l] c<u d fy, Åtk Hkh feyrh gA Xydkl d v.kvk l IY;ykt vkj vU; cM v.k cur g] t l

Xydkl d v.k

IY;ykt d v.k

IY;ykt d db v.k vkil e tMdj ,d J[kyk cukr gA J[kyk d gj Xydkl v.k dk tkMu d fy, Åtk dh t : jr gkrh gA ;g Åtk ml çfØ;k l vkrh g ft l 'olu dgk tkrk g vkj bl rjg l 0;Dr fd;k tk ldrk gA

Xydkl \$ vkDlhtu —> dkcu&Mkb&vkDlkbM \$ ikuh \$ Åtk

vki n[lx fd 'olu dh ;g çfØ;k çdk'k l'y" k.k dh mYVh gA ;g ikèk e fnu vkj jkr yxkrkj gkrh jgrh gA

çdk'k l'y" k.k e rk ikèk dkcu&Mkb&vkDlkbM dk miHkkx djrk g yfdu 'olu e ml ink djrk gA yfdu bldk miHkkx mRiknu l vfekd gA vkDlhtu d ckj e ,lk g fd iM ftru h vkDlhtu dk miHkkx djrk g] m l l vfekd cukrk gA blhfy, ge dgr g fd B ikèk dkcu&Mkb&vkDlkbM dk miHkkx djr g vkj vkDlhtu dk mRiknuB

i'k i'k.k

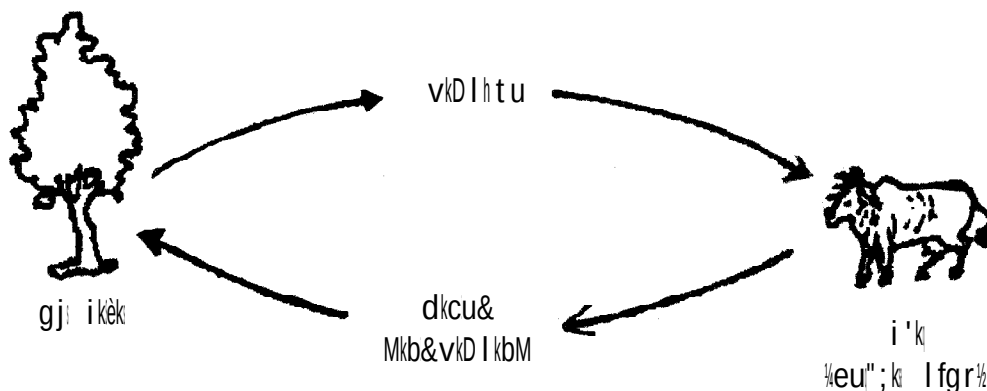
i'kvk dk Hkh thfor jgu d fy, LVkp] çkVhu] pch vkj vU; tFVy v.kvk dh vko'; drk gkrh gA yfdu o buG Lo; ink ugh dj ldr gA viuk Hkktu yu d fy, mUg ikèkk dk [kkuk gkrk g ;k ikèk [kku oky tkuojk dA

ikèkk dk [kdj i'k mUg iV vkj vkrk e ipkr g ;k nlj 'kCnk e dg rk tFVy v.kvk dk ljj v.kvk e rMr gA tk Hkx iprk ugh og xkj d : i e fudy trk gA

ljj v.kvk dk mi;kx i'k viu 'kjhj d fodkl] nèk ink dju] Åtk d fy, vkj 'olu vkfn dkek e djr gA Åtk dk mi;kx pyu] gy pyku tl dkek d fy, fd;k trk gA i'kvk e doy 'olu dh çfØ;k gh gkrh g] çdk'k l'y" k.k dh ughA blfy, ge dgr g fd i'k vkDlhtu dk miHkx djr gA

dkcu&Mkb&vkDlkbM vkj vkDlhtu pØ

D;kfd ikèk vkDlhtu ink djr g tcf d i'k mldk miHkx djr g blfy, iM&ikèkk vkj i'kvk dk i'k.k lEij d gkrk gA ;g rk Li"V g fd i'k iM&ikèkk d fcuk thfor ugh jg ldr D;kfd ikèk mudk vkgkj gkr gA rFkfi] i'kvk d fcuk ikèk Hkh cgr fnu thfor ugh jg ldrA o ok;e.My dh lkjh dku&Mkb&vkDlkbM dk miHkx dj MkyxA ge n[k ldr g fd ok;e.My e dku&Mkb&vkDlkbM vkj vkDlhtu nuk dh fLFkj ek=k iM&ikèkk vkj i'kvk d vkgkj dh ikjLifjd fuHkjr d dkj.k cuh jgrh gA



vi?kVd

dN tho ftUg ikèkk dh dkfV e j[kk trk g , l gkr g tk çdk'k l'y" k.k ugh djrA o gj jx d ugh gkrA bud mngj.k g thok.k vkj doda ; er ikèkk vkj

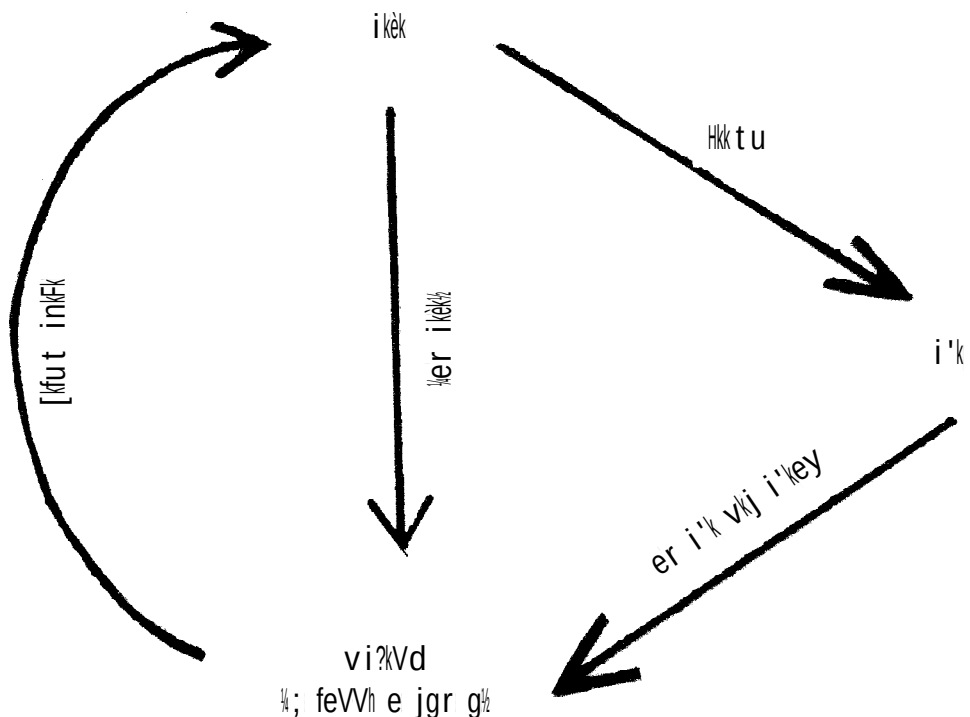
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dN tUrVk dk Hkh vi?kVd dgk tkrk g D;kfd o feVh e jgr g vkj er ikèkk] i'kvk d i'key dk [kkr gA t l ¼ fdrkck dk [kku okyk dhMk ¼f lYo] fQ'k½] dpok bR;kfnA

[kfut pØ

bu vi?kVd dh dk;okfg;k d dkj.k er ouLifr vkj i'k dkf'kdkvk e l ukbVktu rFkk vU; [kfut inkFk fudy dj feVh e fey tkr gA ogk l o [kfut rRo rFkk ukbVktu thfor ikèkk dh tMk nokjk vo'kkf'kr fd, tkr gA

bl çfØ;k dk uhp fp= e fn[kk;k x;k gA



vxj vi?kVd u gk rk tk iRr iMk l gj lky fxj o bdVBk gkr py tk, vkj iM fujkgkj jg D;kfd mUg dkb u, [kfut inkFk ugh fey ik,xA

vH;kI dju dh rkjh[k % -----

dkM % ikuh 1

ekg % tykb

vH;kI 17

o''kk dh eki

ifjp;

eku yk ge dgr g fd vkt dy dh vi{kk vfèk d o''kk gbA ge ;g dI l kfc r dj l dr
g\ bldk ,d gh jkLrk g fd dy vkj vkt gb o''kk dh Bh d&Bh d eki dh tk,A bl vH;kI
e vki lh[kx fd o''kk dh eki dI dh tkrh gA

vko';drk,i

çR;d Vkyh dk ,d cru dh t:jr iMxh] ft le o''kk dk ikuh bdVBk fd;k tk,xkA
bld fy, 100 feyh] 200 feyh] 500 feyh] 1 yhVj d chdj vkj Åij l [kyk gvk duLrj
bLreky fd;k tk ldrk g ;k ,l cru ftudh èkkfjrk vyx&vyx gkA dkb Hkh cru
ftldk eg Åij l [kyk gk ç;kx e yk;k tk ldrk g c'kr fd mldk ryk lery gk vkj
mldh nhokj ,dne lhèkh gkA vH;kI dju d fy, ;g vko';d g fd gj Vkyh d ik
vyx&vyx çdkj dk cru gkA

vè;kiu ldr

;g vH;kI cjlkr d fnu dj k,A vH;kI djku d ckn ckDI 17&1] 17&2 vkj 17&3
i<k, rkfd fon;kFkh ;g tku ik, fd flnèkkUr : i l o''kkekih dI dke djrk gA

vki ;g lfuf'pr dj yift, fd çR;d fon;kFkh dk ekid flyMj e ikuh dh lrg dk
i<uk vk x;k g D;kfd vc fon;kFkh ,d lky rd fu;fer o''kk nt djxA bld fy, vki
çR;d Vkyh d fy, fuf'pr le; vofèk r; dj nA

o''kk dh eki nt dju d fy, vkidk fon;ky; dh ,d LFkbb dkih j[kuh gkxh tk db
o''kk rd pyxhA fon;kFkh fon;ky; dh LFkbb dkih e o''kk nt djx] rkfd ckn e mle l
vk dM mrkj tk l d] D;kfd çR;d Vkyh u viufnuk dk gh ekiu nt fd;k gkxkA

d{k 8 d vkjEHk e fon;kFkh lky Hkj dh o''kk d vk dMk dk fo'y''k.k djxA vki ;g fo''k''è;ku
j[k fd fon;kFkh jfookj vkj NfVV;k d fnuk e fo''k'' : i l xeh vkj lnh dh NfVV;k e Hkh o''kk
nt djA vxj ekiu NV tkr g rk vk dMk dk fo'y''k.k vFkghu gk tk,xkA

vki fon;kFk;k l ;g Hkh dg fd gj fnu o''kk dh eki dkb fuf'pr le; ij gh dh tk,A
fon;ky; l= lek r gku d ckn xeh dh NfVV;k e tc rd u;k l= 'k: ugh gkrk g o''kk
dh eki nt dju dk nkf;Ro ijku %d{k 7 d½ fon;kFk;k dk jgxA

dk;l fofèk

1- fdlh fnu tc o"kk gk jgh gk] m l lcg viuk cru fdlh [kyh txg ij ckfj'k bdVBk dju d fy, j[k nhft ,A lHkh Vky; k d cru ,d gh le; e j[k tku pkfg,A cruk dk fon;ky; Hkou rFkk iMk l nj fdlh [kyh txg ij jf[k,] tc ckfj'k Fke tk,] lkj cruk dk d{kk vFok ç;kx'kkyk e y vkb,A dcf'k'k dhft , fd bl ç;kx dk Hkkjh o"kk oky fnu fd;k tk,A

2- viuk cru e bdVBk g, ikuh dh xgjk b ukfi,A è;ku jf[k, fd ukir le; cru et ij j[kk gkA l[kh ydMh dh ,d lhd ;k Vguh yhft ,A bl cru d ry ij lhek fvdMk,A FkkMk :d dj bl ckgj fudkyf, vkj xhy g, Hkkx dk viuh iVjh dh lgk;rk l ukfi,A viuh eki feyhetVj e dhft ,A

iku h dh xgjk b ¾ ----- feeh

ftru le; vkui cru ckgj j[kk] ;g m l nkjku gb o"kk dh ek=k dh Bhd&Bhd eki gA ;fn vkidh eki 12 feeh fudyh] ge dg ldr g ßbl nkjku 12 feeh o"kk gbPA

lkeU; r;k ge o"kk 24 ?kV dh eki r gA bl dke dk dju d fy, fo'k" çdkj d cru gkr gA mUg o"kkekih dgk tkrk gA db fon;ky; k d ikl o"kkekih g vkj ogk lky Hkj çR;d fnu dh o"kk dh eki dh tkrh gA çrfnu dh o"kk dh ek=k ,d dkih e fy[kr tkr g rkfd ij eg hu ;k lky e gb o"kk dh x.kuk dh tk l dA

3- viuh o"kk dh eki dk rkfydk 17&1 e fn, x, LFkku ij fyf[k,A vU; Vky; k l vkdMk dk vknku&çnku dj rkfydk 17&1 dk ijk dj yhft ,A

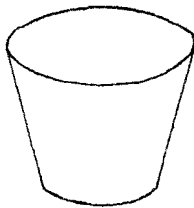
rkfydk % 17&1- o"kk ekiu oky cru e ikuh dh xgjk b] feeh

Vkyh l; k	iku h dh xgjk b
1	
2	
3	
4	
5	
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7	
8	
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10	

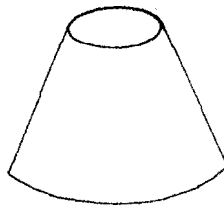
ç'u

- 1- I Hkh 10 Vky;k d cruk d ikuh dh xgjkb ¼rkfydk 17&1½ dh ryuk dhft ,A D;k ikuh dh xgjkb ukiu d fy, bLreky fd, x, cruk d çdkj ij fuHkj djrh g\ ;fn ugh rk D;k\

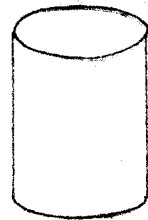
- 2- o"kk ekiu d fy, uhp fn, x, rhu cru ,d gh LFkku rFkk ,d gh le; ij bLreky fd, x, &



V



C



I

D;k ; Ieku o"kk dh eki crk,x\ ;fn ugh rk D;k\ dku I k cru I gh eki crk,x\

- 3- dYiuk dhft , fd fd I h fnu vkiu fon;ky; d enku e o"kk uki hA enku ,dne Iery vkj mldk {k=Qy 2 ukyh gA o"kk ekiu oky cru u o"kk dh eki 2 leh crkBA eku yhft , fd o"kk dk tk ikuh bl enku e cjlk og u gh tehu nokjk lk[kk x;k u gh og cgk D;k fdd enku pkjk vkj I cn fd;k g] rc vki bdVBk g, ikuh dh xgjkb uki r gA D;k ;g xgjkb enku e I Hkh txg ij ,d I h gkxh\ ;g xgjkb fdruh gkxh\

- 4- eku yhf t , ge , d Åij l [ky eg dk duLrj o"kk d le; ck gj j [kr gA o"kk d ckn ik ; k fd duLrj e bdVB ikuh dh xgjkb 3 leh gA duLrj e bdVB ikuh dh ek=k fdruh g\ viuk mRrj feyh e nhft , A ¼ l dr ¼ duLrj dk ryk oxkd kj g rFkk çR ; d Hk t k 24 leh dh gA ½

- 5- Åij fn, x, ç'u e eku yhf t , ikuh dh xgjkb 45 feeh g] crkb, fd duLrj e fdruk ikuh gkxk\

- 6- ; g ç'u Hkh ç'u 4 dh rjg gA fd l h fon ; ky ; e ij l ky Hkj dh o"kk 100 leh fudyh] bl txg , d ukyh {k= e m l l ky fdruk ikuh o"kk gkxk\ viuk mRrj ? ku ehVj e nhft , \

vè ; kid d gLrk {kj -----

fnukd -----

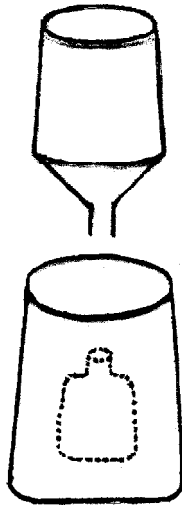
bl l ky d i fy , , d dke

o"kk dh eki , d midj . k l dh tkrh g ft l o"kkekih dgk tkrk gA bl midj . k l o"kk ekiu l jy , o fcYdy lgh gk tkrk gA o"kkekih l o"kk dk ekiu rFkk çklr ifjek . kk dk nt djuk d {kk 7 d fon ; kfFk ; k dk fo ' k " k dke gA vkidh d {kk ; g dke vkt l vxy , d l ky rd djxhA vkid vè ; kid çfrfnu dh o"kk dh eki d fy , çR ; d Vkyh d fy , , d fuf'pr vofèk r ; djxA vki o"kk dh eki dk viuvè ; kid d ikl j [kh o"kk ekid i fLrdk e nt djxA o"kkekih d ckj e ckDI 17&1 e if< , A

ckDI 17&1

o"kkēkih dli dke djrk g\

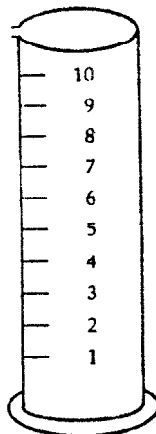
fdlh duLrj ;k chdj dh lgk;rk l o"kk dh lgh&lgh eki ugh gkrh gA tc ikuh dh xgjb cgr de gk rk bl uki ikuk cgr ef'dy gkrk gA lkFk gh] ;fn ge ikuh dh xgjb o"kk d ckn rjUr ugh uki ikr g rk dN ikuh ok"i d : i e mM Hkh tkrk gA o"kkēkih ,d ,lk midj.k g tk bu leL;kvk dk ly>k nrk gA ;g n[ku e ,lk gkrk g %



Åij dk Hkkx ,d dli dh rjg gkrk gA bl uhp d fgLI ij dI fn;k tkrk gA

uhp d fgLI e ,d lykfLVd ;k èkkrr dk cyukdkj cru gkrk gA tc Åij dk fgLIk ble dI fn;k tkrk g rc dli dh ukd bl cru e fQV gk tkrh gA

gj fnu ,d ckj o"kkēkih dk [kkydj bld ikuh dk ,d ekid flfyMj e mMy fn;k tkrk gA ekid flfyMj fuEu fp= dh rjg fn[kkb nrk gA

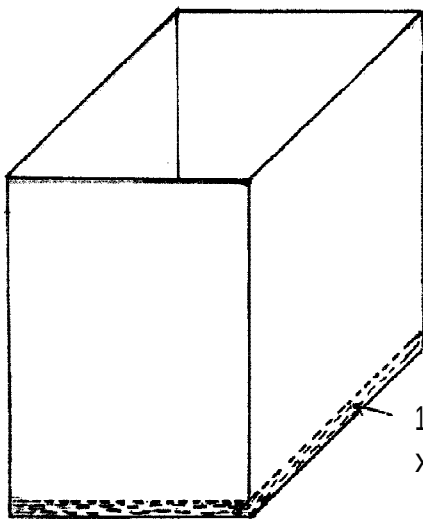


cru dk ikuh bl eki flfyMj e mMy fn;k tkrk gA ikuh d Åijh ry dk flfyMj ij cu ieku l feyku fd;k tkrk gA ;g iekuk vkidk lhèk ;g crk nrk g fd tk ikuh cj lk mldh xgjb fdruh gA mnkgj.k d fy, ;fn ikuh dh lrg flfyMj d ieku d 6 oky fu'kku d cjkcj g rk bldk vFk g fd 6 feeh o"kk gbA

ekid flfyMj l fudyh ikuh
dh xgjb dk fon;ky; dh o"kk
ekid ifLrdk e ml fnu d fy,
fuèkkfjr LFkku ij fy[k nhft,A

vkidk ;g vk'p; glxk fd tk
iku o"kkekih dh dli e fxjk ml
iku dh xgjb dk ekid flfyMj
l hék dl crkrk gA bl le>u d
fy, ge ;g tkuuk vko';d g fd
o"kkekih fd l flnèkkur ij cuk;k
tkrk gA eku yhft, fd ge fd l h

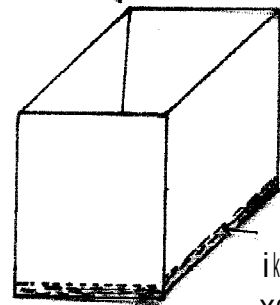
duLrj e o"kk dk bdVBk djr g vkj ;g 1 feeh gbA ;g cgr dfBu glxk fd 1
feeh dk Bhd&Bhd ukik tk,] fo'k"kdj duLrj d HkhrjA yhft, vc ge duLrj d
iku dh ,d NKV fMcc ft l dk eg 6 leh x 6 leh dk oxkdj gj e mMy nr gA



1 feeh
xgjb ikuh

duLrj

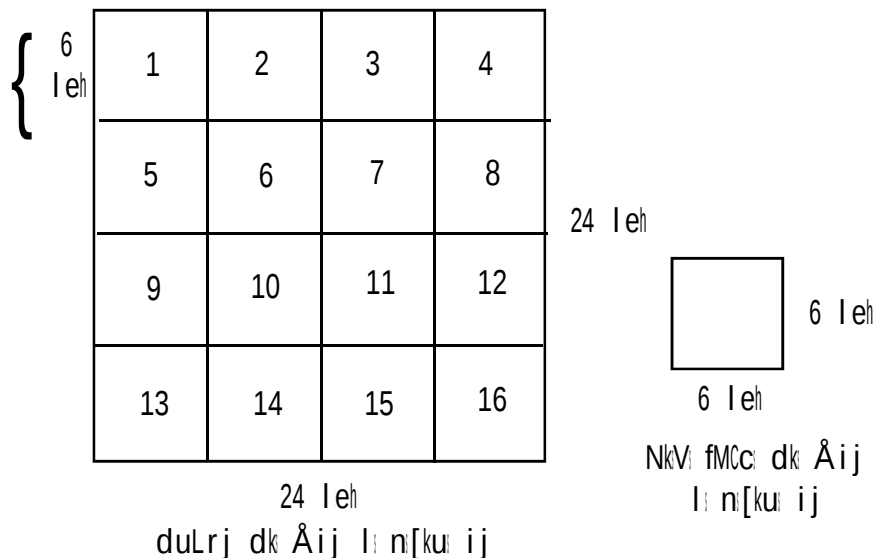
$\frac{1}{4}24 \times 24$ leh eg
dk $\frac{1}{2}$



iku dh
xgjb\

NKV fMcc
 $\frac{1}{4}6 \times 6$ leh eg dk $\frac{1}{2}$

NKV fMcc e iku dh xgjb fdruh glxh\ bl dk mRrj nu d fy,] vkb, ge duLrj
vkj fMcc d eg d {k=Qyk dh ryuk djr gA



$\text{duLrj d eg dh gj Hk tk dh yckb } 24 \text{ le}h \text{ g] tk fd Nkv oky fMcc dh eg dh , d}$
 $\text{Hk tk dh 4 xuh gA } \text{\AA}ij \text{ fn, x, fp= dk n[ku l Li"V gk tkrk g fd duLrj d}$
 $\text{eg dk } \{k=Qy \text{ fMcc d } \{k=Qy \text{ dk } 16 \text{ xuh gA } \frac{1}{16} \text{ Nkv ox] ft l dh } \text{\AA}R; \text{ d Hk tk } 6$
 $\text{le}h \text{ g} \frac{1}{2} \text{A ge bl } 16 \text{ dh l [; k dk x.kuk l Hkh fudky l dr gA}$

$$\frac{\text{duLrj d eg dk } \{k=Qy}{\text{Nkv fMcc d eg dk } \{k=Qy} \quad \frac{3}{4} \quad \frac{24 \times 24}{6 \times 6} \quad \frac{3}{4} \quad \frac{576}{36} \quad \frac{3}{4} \quad 16$$

$\text{vc vki bl } \text{\AA}'u \text{ dk mRrj nu e leFk gk fd Nkv fMcc e ikuh dh xgjkb fdruh}$
 $\text{gkxh\ ; fn duLrj e ikuh dh xgjkb } 1 \text{ feeh gk ; g } 16 \text{ xuh vf} \text{\AA}kd \text{ ; k } 16 \text{ feeh xgj h}$
 $\text{gkxhA ; fn ge duLrj e bdVBk gb o"kk d ikuh dk Nkv fMcc e Mky vkj Nkv fMcc}$
 $\text{e ikuh dh xgjkb } 16 \text{ feeh fudy rk ge tkur g fd o"kk } 1 \text{ feeh gbA ge } 16 \text{ feeh}$
 $\text{dk } 1 \text{ feeh dh ryuk e lgh l uki l dr gA}$

$\text{ge Nkv fMcc e ikuh dh xgjkb x.kuk dj d Hkh fudky l dr gA ; kn dhft , fd}$
 $\text{fMcc d ikuh d vk; ru dk d l fglkc yxkr g } \frac{1}{2} \text{ yckb] pMkb rFkk } \text{\AA}pkb \text{ dk x.kk}$
 $\text{dj nA bl } \text{\AA}dkj \text{ duLrj e bdVBk ikuh dh ek=k] tc } 1 \text{ feeh o"kk gb gk] gkxh } \frac{1}{2}$

$$\text{duLrj d ikuh dk vk; ru] } \frac{3}{4} \quad 24 \text{ le}h \times 24 \text{ le}h \times \frac{1}{10} \text{ le}h$$

$$\text{?ku le}h \text{ e tc o"kk } 1 \text{ feeh g}$$

$$\frac{1}{2} \text{ le}h \text{ dk } 10 \text{ l Hkx nu ij } 1 \text{ feeh gkrk g ; k } 1 \text{ feeh } \frac{3}{4} \frac{1}{10} \text{ le}h \frac{1}{2}$$

$$\text{duLrj d ikuh dk vk; ru } \frac{3}{4} \text{ } 57\text{-}6 \text{ ?ku le}h$$

NkV fMcc e ikuh dh xgjkb gkxh %

$$\begin{array}{rcl} \text{NkV fMcc e ikuh} & \frac{3}{4} & \frac{\text{ikuh dk vk; ru] ?ku leh}}{\text{NkV fMcc d eg dk \{k=Qy\} ox leh e}} \\ \text{dh xgjkb leh} & & \\ & \frac{3}{4} & \frac{57-6}{36} \quad \frac{3}{4} \quad 1-6 \text{ leh} \end{array}$$

NkV fMcc e ikuh dh xgjkb feeh e $\frac{3}{4}$ 1-6 leh x 10 $\frac{3}{4}$ 16 feeh

$\frac{1}{10}$ l blfy, x.kk fd;k g fd 1 leh $\frac{3}{4}$ 10 feeh $\frac{1}{2}$

ge ;g tku x, g fd 1 feeh xgjkb dh o"kk gku ij NkV fMcc e bl dh xgjkb 16 feeh gkxhA

vc eku yhft, fd geu NkV fMcc e ikuh dh xgjkb 32 feeh ukih rk fdruh o"kk gb\ LokHkkfod g fd mRrj % 32@16 $\frac{3}{4}$ 2 feehA NkV fMcc e ikuh dh xgjkb fdruh gkxh\ ;fn o"kk 10 feeh gkrh gA

16 x 10 $\frac{3}{4}$ 160 feeh

vc ge NkV fMcc e in l Åij 16] 32] ----- feeh d LFkkuk ij fu'kku yxk l dr g vkj bug 1 feeh] 2 feeh] ----- bR;kfn l fn[kk nr gA ge ,d gh ckj e n[kdj crk l dr g fd fdruh o"kk gbA

o"kkekih dh dlih d {k=Qy dk ekid flfyMj d eg d {k=Qy l Bhid ogh l EcUek g tk fd duLrj d eg d {k=Qy dk NkV fMcc d eg d {k=Qy lA dlih d uhp lyfLVd ;k èkk r d cru e ikuh dk ekid flfyMj e Mkyu ij ge ikuh d ry dk lgh ekiu d fy, cMk dj yr gA ekid flfyMj l ge ikuh d ry dk ckj l Hkh uki l dr gA

è;ku jg fd ekid flfyMj tk fd o"kkekih dk ,d fgLIk g] ml ekid flfyMj l fhkUu g tk vkiu $\frac{1}{2}$ d{k 6 $\frac{1}{2}$ ^feVVh dh ty èkkj.k {kerk* e mi;kx fd;k FkkA ft l dk iekuk feyh e gkrk g] tc fd bl ekid flfyMj dk iekuk feeh] leh] bp e gkrk gA

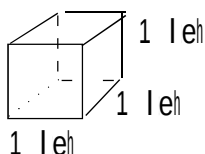
eku yhft, vkid ekid flfyMj ,d ckj e 10 feeh rd dh xgjkb ekye dj l drk gA ;fn 10 feeh l vfèkd o"kk gk rk ge igy 10 feeh d fu'kku rd ikuh ukiuk pkfg,A fQj bl [kkyh dj fQj l cpk ikuh Mkyuk pkfg,A ;fn ge dg fd geu nk ckj fu'kku rd Hkjk vkj rh ljh ckj dh eki 5 feeh vkb bl çdkj ml fnu dh o"kk 25 feeh gbA

ckDI 17&2

vk; ru dh eki

ikuh vkj nek t l æo inkFkk dk] ft ruh txg o yr gj mld fglkc l ekik tkrk gA

,d ?ku rhu vk;ke dh ml vkÑfr dk dgr gj ft l dh yckb] pMkb vkj Åpkb cjkj gkA bld N% Qyd gkr g ftue l çR; d ,d lgh ox gkrk gA vxj ; çR; d ox 1 leh x 1 leh d g rk ?ku dk vk;ru gvk 1 leh x 1 leh x 1 leh ; k 1 ?ku lehA



; g 1 ?ku leh dk vk;ru cgr de gkrk gA bl l cMk çkef.kd vk;ru gkrk g & yhVjA ; g 1000 ?ku leh d cjkj gkrk gA gekj l ifjfr yhVj ekid dk lkoëkuh l bl rjg cuk; k tkrk g fd mle Bhd&Bhd 1000 ?ku leh vk,A tc vki feVh dk ry [kjhnr g rk ml ,d yhVj ekid l ekik tkrk gA

,d ?ku lUVhehVj dk 1 feyh yhVj Hkh dgr g D;kfd ; g ,d yhVj dk gt kjok fgLlk gA

gekj [krk dh flpkb e yxu oky ikuh dh eki d fy, ,d vkj Hkh cMh bdkb dk mi ; kx fd ; k tkrk gA ; g g & 1000 yhVj ; k ,d fdykyhVjA gj vkj ,d ehVj uki oky ?ku e ,d fdykyhVj æo vk,xkA blfy, ge bl bdkb dk ,d ?ku ehVj Hkh dg ldr gA

vc nk l j y leL ; k , nh tkrh g tk ; g fn[kkrh g fd vk;ruk dk dl vkxf.kr fd ; k tkrk g %

1- ,d lkeU; duLrj dh Åijh lrg gj vkj l 24 leh gku d dkj.k ,d ox gA ; g 36 leh Åpk gA vk;ru fudkyu d fy, ge yckb] pMkb o Åpkb dk x.kk djr gA blfy, %

vk;ru $\frac{3}{4}$ 24 leh x 24 leh x 36 leh $\frac{3}{4}$ 20]736 ?ku leh

ft ldk vFk gvk fd bl duLrj e 20]736 ?ku leh ikuh vk ldrk gA

bl vk;ru dk ge yhVj e Hkh dg ldr gA ,lk dju d fy, ge ?ku leh e fn[kk, x, vk;ru dk 1000 l Hkkx djuk gkxkA vr%

vk;ru $\frac{3}{4}$ $\frac{20]736 \text{ ?ku leh}}{1000}$ $\frac{3}{4}$ 20-736 yhVj

- 2- ,d ikuh dk Vd 2 ehVj pkMk] 3 ehVj yck vkj 2 ehVj xgjk gA bldk vk;ru D;k gkxh\ ;k nlj 'kCnk e dg rk ble fdruk ikuh vk ldrk g\ mRrj fudkyu d fy, ge 2 eh] 3 eh rFkk 2 eh dk x.kk djr g %
 vk;ru $\frac{3}{4}$ 2 ehx 3 eh x 2 eh $\frac{3}{4}$ 12 ?ku eh
 vk;ru dh fofHkUu bdkb;k dk lkjk'k uhp fn;k tk jgk g%
 1 yhVj $\frac{3}{4}$ 1000 feyhVj
 1 ?ku ehVj $\frac{3}{4}$ 1000 yhVj

vH;k l d fy, dN ç'u

x.kuk, lkeu [kkyh i"B ij n'kk,A

- 1- eku yhft, fd vH;k l 13 d [kr $\frac{1}{4}$ ft ldk vkju {k=Qy fudkyk] i"B $1\frac{1}{2}$ dk lhpuk gA 5 leh flpkb dk ikuh nuk g $\frac{1}{4}$ vFkkrr] [kr e 5 leh dh Åpkb rd ikuh nuk g%A bl [kr dk lhpud fy, fdru ikuh dh t:jrgkxh\ viuk mRrj ?ku ehVj e nhft,A
 mRrj _____ ?ku ehVj
- 2- 'kkfUrijh xko e fiNy lky 1000 feeh ckfj'k gbA 400 feeh ikuh cg x;k vkj 600 feeh ekjrh e lk[k fy;k x;kA cg g, ikuh dk çfr'kr D;k g\
 mRrj % -----
- 3- ge iMk dh jkikb d fy, 30 leh X 30 leh X 30 leh d xM< [kknr gA gj xM< dh feVVh dk fudkfy,A gj xM< dk vk;ru fdruk g\ viuk mRrj yhVj e nhft,A
 mRrj % -----
- 4- ,d Nr 8 eh ych] 6 eh pkMh gA bl Nr dk lkjk ikuh ,d Vd e tek gkrk gA fiNy lky 100 leh o"kk gbA crkb, Vd e fdruk ikuh tek gvk\ viuk mRrj ?ku ehVj e nhft,A
 mRrj % -----
- 5- ,d [kr 50 eh yck] 40 eh pkMk gA bl [kr e 5 leh Åpkb d cjkcj ikuh dh flpkb djuh gA crkb, bl [kr dh flpkb d fy, fdru ?ku ehVj ikuh dh vko';drk gkxh\
 mRrj % -----

ckDI 17&3

t yok;] ek le] _ r| vkj Qly

ckDI 3&1] 3&2 rFk 7&1 e geu lh[kk fd fd lh xko e mxu okyh Qly vkj iM&ikèk Åpkb d vulkj cnyr jgr gA ,lk blfy, gkrk g fd ok; d rkieu e Åpkb d vulkj fhkUurk gkrh gA ftruh vfèkd Åpkb glxh] mruk gh ok; d vklr rkieu e o"khkj deh jgxhA mRrjk[k.M e ge xkok dk okf"kd vklr rkieu d vkèkkj ij nk e[; çdkj e fohkktftr dj ldr gll igy tk 1500 ehVj dh Åpkb l uhp cl g vkj nlj tk 1500 l 4000 ehVj dh Åpkb e lFkr gA bu nk Hkkxk dk Øe'k Å".k dfVcUèkh; vkj mik".k dfVcUèkh; dgk tkrk gA yxHkx 4000 ehVj dh Åpkb d Åij dkb o{k ugh iui ldrk g vkj u gh dkb Qly] doy ?kk l vkj ykdbu iuir gA bl Hkkx dk ^V.Mk* dgk tkrk gA yxHkx 5000 ehVj dh Åpkb d Åij dN Hkh ugh mxrk] D;kfd ogk ij rkieu o"khkj 'ku; fMxh lfyI; l l uhp jgrk gA

fd lh LFkku dk vklr okf"kd rkieu ml LFkku dh tyok; gkrh gA blfy, mRrjk[k.M e fohkUu tyok; {k= gA ;fn ge li.k Hkkjr d lnHk e n[k rk ikp {k= ;k ikp fohkUu tyok; gll m".k dfVcUèkh;] mik".k dfVcUèkh;] 'khrk".k] V.Mk vkj èkoh;A

fd lh xko dk vklr okf"kd rkieu Hkh bl ij fuHkj djrk g fd ;g Hkkjr e dgk lFkr gA nf{k.k Hkkjr e lFkr xko m".k dfVcUèkh; tyok; {k= gA mRrjh Hkkjr e lFkr xko 'khrk".k {k= e g vkj mRrjh fn'kk dh vkj tku ij] mRrjh ,f'k;k ¼mRrjh : l½ d xko VMk vkj èkoh; {k= e gA fd lh jkT; ;k n'k e Hkh tyok; Åpkb d vulkj fhkUu gkrh gA t lk fd geu mRrjk[k.M e n[kk gA

m".k dfVcUèkh; dk vFk og tyok; g tk fd vkèk nf{k.k Hkkjr d fuEu Åpkb {k= e gkrh gA ;gk ij vklr rkieu 15 fMxh lfyI; l l uhp ugh jgrk gA mRrjk[k.M e dkb Hkh {k= m".k dfVcUèkh; dk ugh gA 'khrk".k dk vFk g ^u rk cgr xe vkj u gh cgr BMk*A bl tyok; e vklr U;ure rkieu ¼tkMk e½ yxHkx 0 fMxh lfyI; l l vfèdre 35 fMxh lfyI; l rd jgrk gA VMk tyok; {k= e tehu yxHkx 30 leh uhp o"khkj BM l teh jgrh gA blh dkj.k l ogk ij dkb Qly vkj o{k ugh mx ikr gA èkoh; {k= e tehu o"khkj cQ l <dh jgrh gA

fd lh xko dh tyok; tk Hkh gk] ogk dk ok; rkieu] gok dh xfr vkj o"kk dh ek=k fnu&çfrfnu fhkUu jgrh gA bu fhkUurvk dk ^ekle* uke l tkuk tkrk gA l keU; ek le dh volFk, o"khkj cnyrh jgrh gA t l fd fdugh fnuk e rkieu o"kk

d vU; fnuk l ge'kk T;knk jgrk gA ;k fdUgh fnuk l ky e vU; fnuk dh vi{kk
 vfekd o"kk gkrh gA o"kk d bu fofHkUu vrjkyk dk ^_r* dgr gA ge mRrjk[k.M e
 pkj e[; _r, n[kr gA clr %Qjoj&ekp%] xe %vçy&fl rcj%] BMh %vDVcj&uoEcj%
 vkj ln %fnlEcj&tuojh%A xe _r dk 'k"d %vçy&eb% vkj ue %tu&fl rEcj% nk
 Hkkxk e ckVx x;k gA

fdlh xko e dku lh Qly mxkb tk ldrh g bldk fuèkkj.k tyok;] ekle vkj
 _r nokjk gkrk gA mnkgj.k d fy, èkku doy le&m".k dfVcUèh; tyok; oky xko
 e doy xfe;k e mxk;k tk ldrk gA fdlh fo'k"kk tyok; {k= e Hkh dkb Qly doy
 Åpkb okyh txg e gh mxkb tk ldrh gA mnkgj.k d fy, xUukk doy rjkb vkj
 Hkkcj e mxk;k tk ldrk g] tcf d lc d im doy iorh; {k=k e 1200 ehVj l Åp
 LFkkuk e mxk; tk ldr gA

fdlh xko e fdlh _r d fnu&çfrfnu dh fHkUurkvk dk Qly d mRiknu ij
 çHkko iMrk gA vR;fekd o"kk ;k cgr de o"kk fdlh Qly mRiknu dk de ;k ij
 rjg u"V dj ldrh gA Qjojh ekg e doy ,d ln %'ku; fMxh lFYl; l l uhp dk
 rki½ vke d ckj dk u"V dj ldrk gA ,lh fLFkfr e dkb Hkh vke ugh QyxA vkyk]
 tk fd teh gb ckfj'k dh cn g] idh gb xg dh Qly ij im rk og u doy ml
 ud lku igpk;xk cfYd u"V dj ldrk gA rt gok xg d Qly dk fxjk nrh g]
 ftll fd [kmh Qly d fxju l nkuk fxj tkrk gA tk fd idk ugh gkrk gA

Qly dk u"V gku vkj ud lku l cpku d fy, dN mik; fd; tk ldr gA
 tgg ij ^y* dk çdki gkrk g Qlyk dk cpku d fy, [kr d if'peh fdukj ij
 im vkj >kfM;k yxk ldr gA ; gok d ox dk de djrh gA ft l jkr teu okyh
 lnh iMu dh vk'kdk gk] Qy d imk d ik l èkvk yxk nuk pkfg, vkj VekVj vkj
 vky t l h Qly ftUg iky l ud lku gkrk g d [krk e 'kke d le; flpkb dj
 nuh pkfg,A

vH;k l dju dh rkjh[k % -----

dkM % Hkfe 3

ekg % vxLr

vH;k l 18

Hk&{kj.k

ifjp;

bl vH;k l e ge n[kx Hk&{kj.k dh çfØ;k d l gkrh gA ;g Hkh lh[kx tc tehu ouLifr l <dh ugh gkrh rc Hk&{kj.k vfêd rth l gkrk gA

vko';drk,i

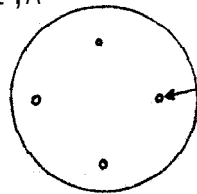
1- Fkkyh] 25&30 leh 0;k l dh ft l dk [kMk fdujuk 2 leh dk gk & ,d

2- dVkfj;k] 8&10 leh 0;k l dh vkj 3 leh xgjh & nk

3- dVkfj;k] 12&15 leh 0;k l dh vkj yxHkx 8 leh xgjh & nk

4- fVu dk fMcC] 6&8 leh 0;k l dk vkj yxHkx 8 leh xgjk] Åij l [kyk gvk & ,d

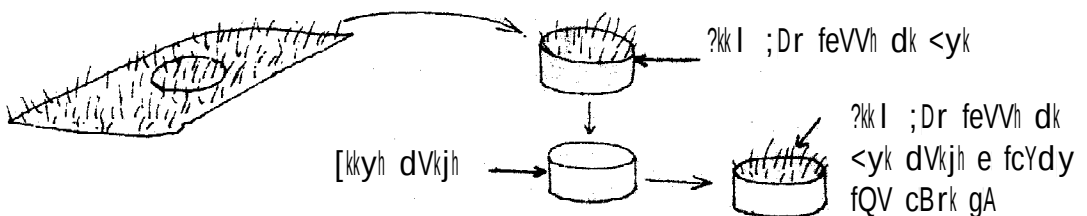
fVu d fMcC d in e fn[kkb gb txgk ij pkj Nn dhft ,A bld fy, ,d 2-5 leh dh dhv vkj gFkKM dk bLreky dhft ,A



Nn] fVu d fMcC d
fdukj l 1-5 leh vUnj

dk;l fofêk

1- Ldy d vgkr ;k fudV d xke ik"kd {k= e ,d , lh txg NkfV, tgk pjkb u gb gk vkj tehu ?kuh ?kk l l <dh gA ,d [kjh ;k viuh njkrh dh ukd l Bhd viuh NKVh dVkj d vdkj dk ,d xky ?kk l ;Dr feVh dk <yk dkV fudkfy,A

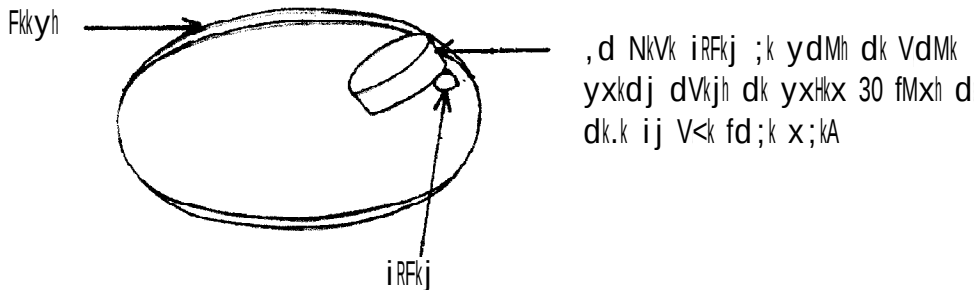


bl ?kk l ;Dr feVh d <y dk dVkj e fQV dhft ,A ?kk l ;Dr <y dh l rg dVkj d Åij flj rd vkuh pkfg,A

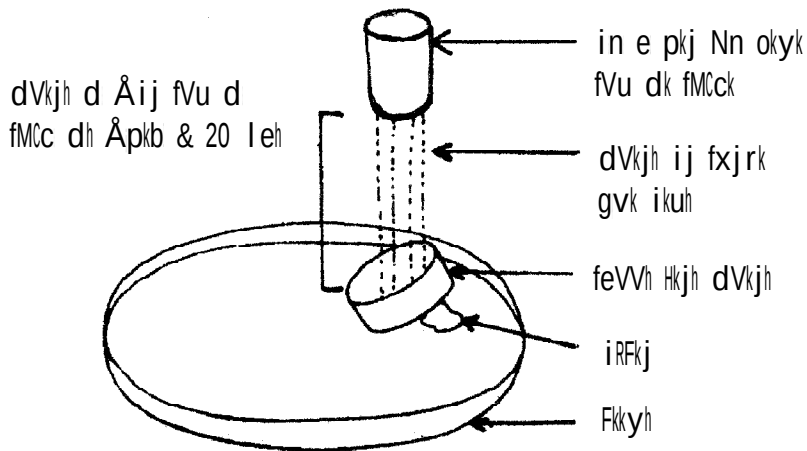
vè;kiu ldr

vH;k l l igy ckDI 18&1 i<k yhft ,A ckDI 18&2 l 18&6 vH;k l d ckn i<kb,xkA

- 2- m l h t x g l , d v k j m l l c M k ? k k l ; D r f e V V h d k < y k [k k n f u d k f y , A m l v i u h F k k y h e j f [k , v k j m l d V d M & V d M d j n h f t , A l k j h ? k k l] M B y] t M] v k j l c i R F k j d V d M H k h f u d k y n h f t , A f e V V h d k p j k d j n h f t , v k j m l , d N k V h d V k j h e j f [k , A m l F k k M k n c k n h f t , A f e V V h d h Å i j h l r g d V k j h d Å i j h f d u k j r d v k u h p k f g , A
- 3- f e V V h o k y h d V k j h d k F k k y h e f n [k k , g , r j h d l j f [k , A



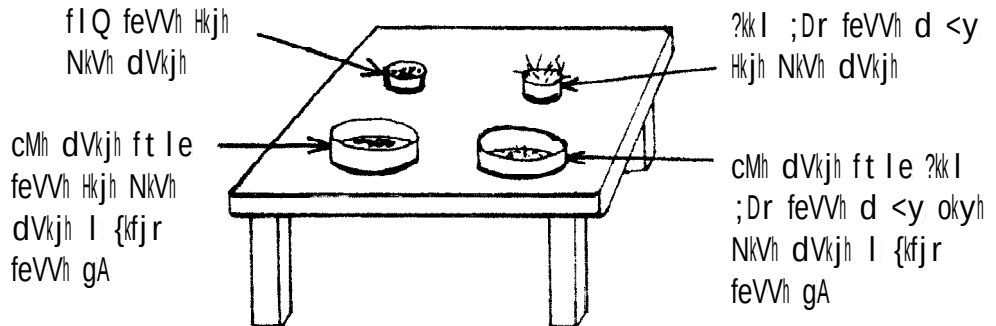
f v u d f M C c d k i k u h l H k j n h f t , v k j t Y n h l m l f n [k k , g , r j h d l d V k j h d Å i j d j n h f t , A



f v u d f M C c d k è k h j & è k h j b è k j & m è k j ? k e k b , r k f d i k u h d h è k k j k , d V k j h d h f e V V h d h l r g d g j f g l l i j i M A è ; k u j f [k , f d i k u h d h è k k j k , d V k j h l c k g j u f x j A

- 4- t c i k u h d k f v u [k k y h g k t k , r c F k k y h l d V k j h v k j i R F k j g v k n h f t , A F k k y h d k l c i k u h v k j f e V V h , d c M h d V k j h e M k y n h f t , A n k u k d V k j ; k d k c k n e f u j h { k . k d f y , j [k n h f t , A

- 5- vc ?kk l ;Dr feVvh d <y okyh dVkjh dk Fkkyh e m l h iRFkj ij jf[k,A igy dh rjg bl ij Hkh Nn oky fVu d fMcc l ikuh Mkfy,A Fkkyh dk lc ikuh vkj feVvh ,d cMh dVkjh e Mky nhft ,A
- 6- ç;kx ijk gk tku d ckn pkjk dVkfj;k dk tM e fujh{k.k d fy, bl çdkj cp ij j[k nhft ,A



- 7- bl çn'ku dk vxy fnu rd j[k NkMuk Bhd gkxk tc cMh dVkfj;k dh feVvh dVkfj;k e uhp cB tk,A nkuk cMh dVkfj;k dh lki{k {kfjr feVvh dh ryuk dju dh lfoèk d fy, mUg yxHkx 20 fMxh d dk.k ij NKV iRFkj;k ;k ydfM;k d lgkj frjNk dhft ,A

ç'u

- 1- nkuk cMh dVkfj;k dh feVvh dk nf[k,A dku l h dVkjh e feVvh vfèkd g\ , l k D;k\

- 2- nkuk cMh dVkfj;k dk n[k dj vueku yxkb, fd ,d e n l jh l fdruh xuk vfèkd feVvh gA viuk vueku ;gk fyf[k, %

3- vc NkVh dVkfj;k dh feVh dh lrg dk nf[k,A tk vrj vki n[kr g mldk o.ku dhft ,A dN ldr ulp fn, x, g &

1- nkuk dVkfj;k e feVh d Lrj dh ryuk dhft ,

2- ikuh feVh d NkV d.kk dk cgk dj y x;k ;k cM d.kk dk\

4- fon;ky; vkr le; jklr e ,lh txg nf[k, tgk feVh dk {kj.k gvk gkA mldk o.ku dhft , vkj crkb, fd og dgk gA ml txg l feVh dk {kj.k D;k gvk\

5- ;fn vkid xko e Hk&{kj.k gk jgk gk] rk bl de dju d fy, D;k fd;k tk ldrk g\ %ckDI 18&1 n[kA½

6- ;fn lEHko gk rk fd l h tkr Hkfe dk Hkkjh o"kk d fnuk e n[kA ogk l fdruk ikuh cg jgk g vkj cgr ikuh dk jx d l k g\

7- iorh; {k=k e gk jg Hk&{kj.k l enkuh {k= fd l rjg çHkkfor gkrk g\

8- D;k vkid xko l gk jgk Hk&{kj.k gkfudkj d g\ d l \

vè;kid d gLrk{kj

fnukd

ckD I 18&1

t c ckfj 'k gkrh g

t c Hkfe ij ckfj 'k gkrh g rc m l d k vfèdk 'k Hkx feVh nokjk l k [k fy ; k tkrk gA geu fiNy l ky feVh dh tyèkkj . k {kerk vH ; k l 9 e Lo ; n [kk Fkk fd feVh fd l çdkj ikuh l k [krh gA yfdu t c Hkfe < yok gkrh g] ogk feVh e l k [k fy , tku l igy gh dN ikuh ufn ; k vkj ukyk e cg tkrk gA vkerkj ij n [kk tkrk g fd ft ruk vfèkd Hkfe dk < ky gkxk mruh gh vfèkd ek = k e o "kk dk ikuh cg tkrk gA

Hkkjh o "kk d gku ij dN ikuh lery Hkfe l Hkh cgrk gA vxj Hkfe l rg ouLifr d vkPNkfnr ugh g rk vkj vfèkd ikuh dk cgko gkxkA , d ?ku ou e t gk tehu l [kh ifRr ; k vkj db çdkj d u , ikèkk nokjk < dh jgrh g] , l h txg e rho < yku gku ij Hkh o "kk dk ikuh ugh cgrk gA t c cgr rt ckfj 'k gkrh g] rHkh dN ikuh cg ikrk gA ?kuh ?kk l l vkPNkfnr tehu gku ij Hkh , l k gh gkrk gA

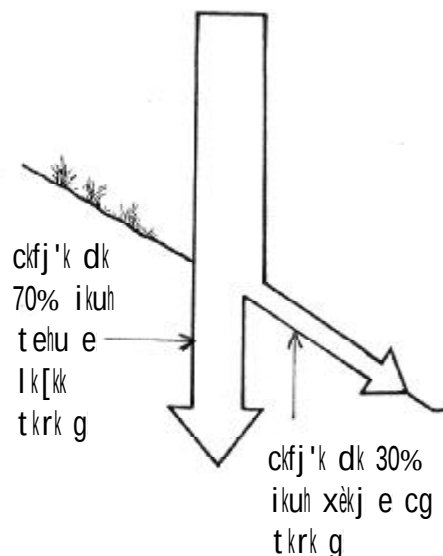
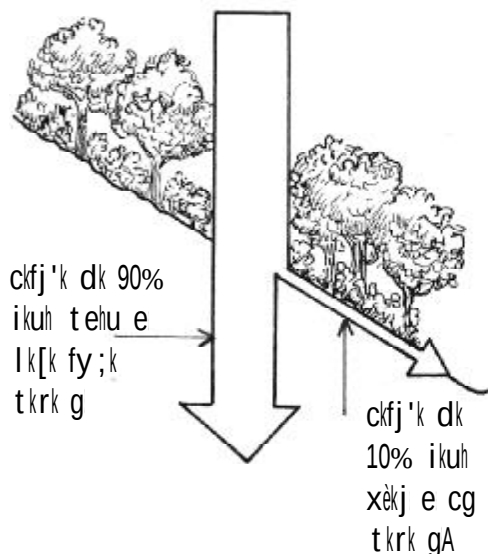
n l jh vkj vxj gekj ik "kd {k = e d k b iM u gk vkj vxj Hkfe l rg dk vfèkdrj Hkx fxjh gb ifRr ; k ; k ?kk l l < dk u gk rk ijh , d l ky dh ckfj 'k dk 30 çfr 'kr rd ikuh cg l drk gA rt ckfj 'k e tehu e fxju okyk vfèkdrj ikuh cg tkrk gA

iM

$\frac{1}{4}$ p j k b : v k j v k x l i e D r $\frac{1}{2}$

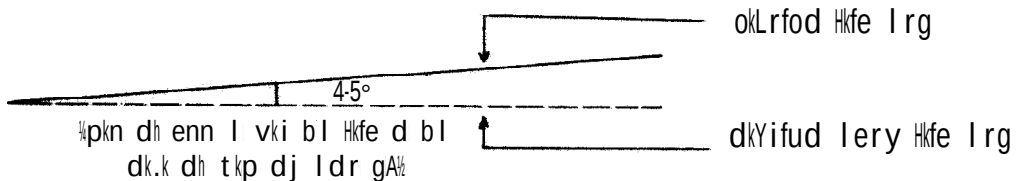
?kk l

$\frac{1}{4}$ y x k r k j p j k b $\frac{1}{2}$



tkr Hkfe lky Hkj e db ckj vukPNkfnr jgrh g vkj bl dkj.k tkr Hkfe l vtr Hkfe ½ft le ouLifr vkPNknu gk½ dh vi{kk vfekd ikuh dk cgko gkrk gA tfod [krh ¼ckDI 11&1½ djr le; ge'kk feVh dh lrg dk eYp l <d jgr gA eYp ikuh d cgko dk de dj nrk gA ;g eYp fcYdy ogh dke djrk g t l k fd ?ku çkÑfrd ou e l [kh ifRr;k dh lMrh rg djrh gA

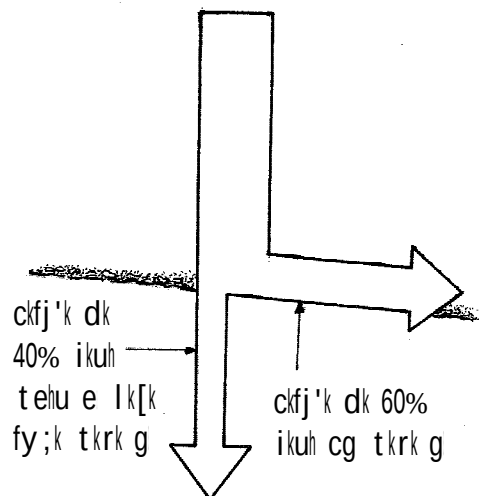
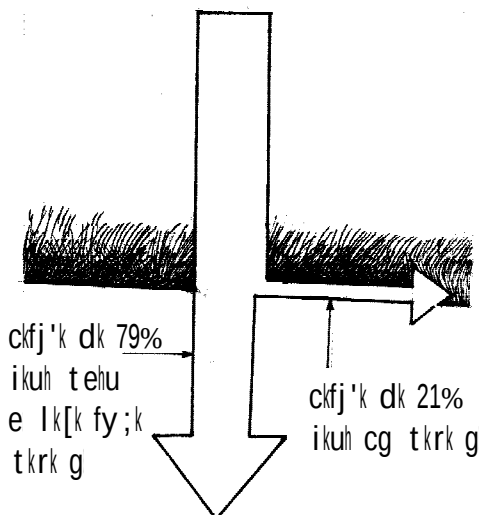
lUVy l kby ,.M okVj dutjo'ku fjlp ,.M Vfux bLVhV;V] ngjknu e ,d ç;kx nokjk ;g ekye fd;k x;k fd 4-5 fMxh <yku okyh Hkfe l o'kk dk fdruk ikuh cg x;kA l kFk gh o'kk dh ek=k Hkh ukih xBA Hkfe ft l dk <ky 4-5 fMxh dk gk bl çdkj l n'kk;k tk l drk g



bl Hkfe dk dN fgLI k çkÑfrd : i l mxh ?kk l l vkPNkfnr Fkk vkj dN fgLI e trkb dh xb Fkh] yfdu dkb Hkh Qly ugh ckb FkhA ft l fgLI e ?kk l dk vkPNknu Fkk] ogk l dy o'kk ty dk 21 çfr'kr ikuh dk cgko gvk ;k nlj 'kCnk e dg rk dy 133 leh gb o'kk e l 28 leh o'kk dk ikuh cg x;kA tcfD nljh rjQ trkb oky vukPNkfnr fgLI l dy o'kk ty dk 60 çfr'kr ikuh dk cgko gvk ;k 80 leh o'kk dk ikuh cg x;kA

çkÑfrd : i l mxh
?kk l l vkPNkfnr {k=

tirkbi fd;k x;k
vukPNkfnr {k=



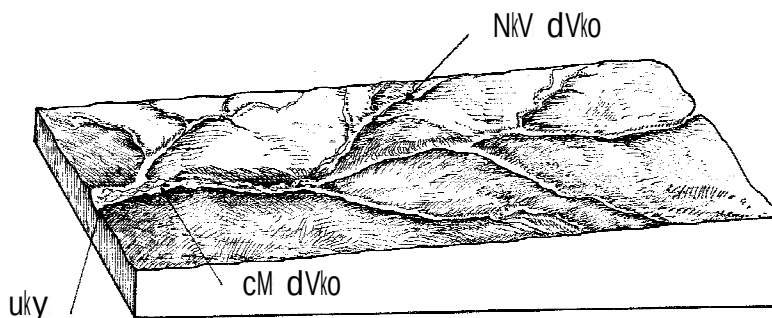
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cgk y tkrk gA uhp d j[kkfp= e bl çfØ;k dk igyk Hkkx fn[kk;k x;k g &



,d ouLifr jfgr
<yku ij fxjrh
ckfj'k dh cn vud
feVvh d d.kk dk
m[kkM nrh gA

vxj Hkfe e iM&ikèkk dk ?kuk vkPNknu gk rk tk ckfj'k dh cn iMk dh ifRr;k
ij iMrh g] mudh ekj VV tkrh gA ifRr;k l ikuh èkhe&èkhe Hkfe ij fxjrk gA vxj
tehu ij l[kh ifRr;k dh rg gk rk m l l fxju okyh cnk dk tkj vkj ?kV tkrk
gA ?kuh ?kk l Hkh fxjrh ckfj'k d tkj dk de djrh gA

ouLifr jfgr tehu ij ckfj'k dk ikuh <yku ij rth l cg tkrk g vkj viu
l kFk feVvh d mu d.kk dk cgkdj y tkrk g] ftUg fxjrh cnk d vk?kk u m[kkM
fn;k gkrk gA pfd ikuh d cgko dk jkdu d fy, l[kh ifRr;k ;k ikèk ugh gkr]
blfy, <yku d uhp dh vkj tkrk cgko vkj rt gkrk tkrk gA ikuh dh çofRr
NkVh&NkVh èkkjvk d : i e cgu dh gkrh gA bl l og vkj Hkh feVvh d d.kk dk
m[kkMrk g vkj dgh NkV dgh cM dVko cuk nrk gA



bu dVkok e cgu oky ikuh dk jx Hkjk gkrk g] D;kfd m le feVvh d d.k fey
gkr gA

;g çfØ;k ft le ckfj'k dk ikuh feVvh d d.kk dk m[kkMdj cgk y tkrk g
Hk&{j.k dgykrh gA Hk&{j.k dh nj [kM <ykuk ij de <ykuk dh vi{k vkèd gkrh
g] D;kfd [kM <ykuk ij ikuh vfèd rth l cgrk g vkj viu l kFk vfèd feVvh
d d.kk dk cgk y tkrk gA

fd l h Hkfe {k= l {kfjr feVvh dk ekik tk l drk gA ngjknu e fd, x, ,d n l j
ç; kx d ifj.kke uhp rkfydk e fn, tk jg gA

Hkfe vkPNknu ,d o"ki e: gbi o"kk ikuh dk cgko {kj.k nokjk u"V gbi
lieh çfr'kr feVvh fdxk@, ; j@o"ki

çkÑfrd : i l mxh

?kk l dk vkPNknu 125 21 10

t rkb okyh

vukPNkfnr Hkfe 125 60 1560

bu ifj.kke d vkèkkj ij ge n[kr g fd dN Hk&{kj.k m l Hkfe l Hkh gkrk g] tk
çkÑfrd : i l ouLifr l vkPNkfnr gk bl ^çkÑfrd {kj.k* dgr gA çkÑfrd
v{kcèk ou l Hkh FkkMk cgr Hk&{kj.k gkrk g]A fo'k"kdj mRrjk[k.M d igkMh {k=k e
tgk yxHkx lkh Hkfe <yok gA tgk yx Hkfe dk vukPNkfnr dj nr g] ogk
Hk&{kj.k dh nj db xuk vfèkd gk tkrh gA bl ^Rofjr {kj.k* dgr gA

feVvh gekjh t hfodk dk vkèkkj g] blfy, ge m l {kj.k l lkoèkuhiod cpkuk
pkfg,A tc ge viu xko e iM yxkr g vkj m l pjkb rFkk vx l cpkr g rk
bl l ge vfèkd pkjk vkj bèku ydMh gh ugh feyrh] ge Hkfe dk Hkh {kj.k l cpkr
gA vkj tc Rofjr Hk&{kj.k : d tkrk g rc iM&ikèk vfèkd LoLFk gkr g vkj mudh
mit vfèkd gkrh gA

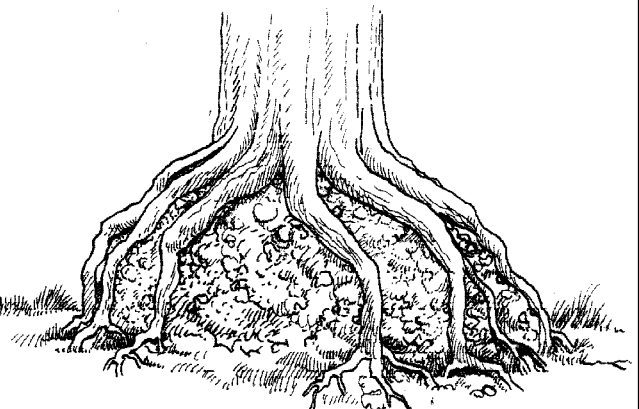
D;k vkid {k= e vkt dy Rofjr Hk&{kj.k gk jgk g\ ; g vki d l fuf'pr djx\
Rofjr Hk&{kj.k d iDd y{k.k ; g &

1- vxj Hkfe dh lrg ouLifr l ijh rjg <dh ugh g ½gj iM&ikèk vkj lrg ij
fxj l [k iRr½ rk Rofjr {kj.k t : j gk jgk gkxkA

2- NkV cM dVkok dk gkukA

3- iRFjk ;k iMk d uhp
ihfBdkvk dk gkuk] t l

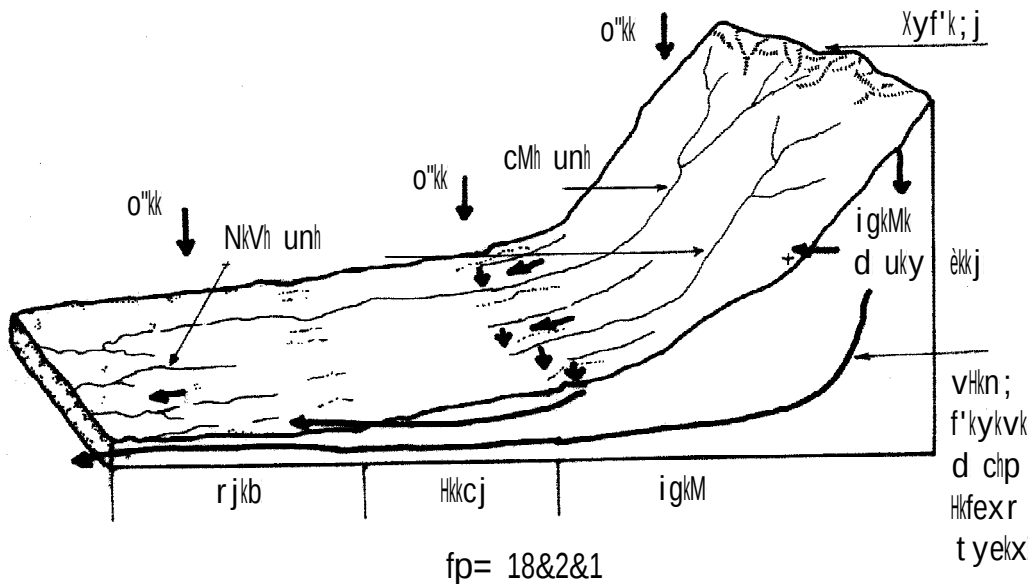
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g] tk fxjrh ckfj'k d çgkj l
l jf{kr gA Hkfe dh lrg l mudh
Åpkb ;g fn[kkrh g fd m l
txg l fdruh feVvh dk {kj.k
gvk gA



ckDI 18&2

igkM vkj enku 1- ikuh

mRrjk[k.M igkM vkj enku I fey dj cuk gA vc dYiuk dhft, fd ,d cM I pkd I vxj ge jkT; dk :Mdh vkj dnkjukFk ;k fdPpk vkj unknoh d chp I nk fgLIk e dV n] vkj dV g, fdukjk dk n[k rk vkI kuh I enkuh {k= vkj igkMh {k= d chp I EcUèk Ie> I dr gA ge dN , I k n'; fn[kkb nxk t I k fp= 18&2&1 e fn[kk;k x;k gA



bl fp= e rhj ty d çokg dk çnf'kr djr gA igkMk e gku okyh o''kk dk ikuh db jkLrk I gkrk gvk uhp dh vkj vkrk g vkj enkuk rd igprk gA
vkb, n[k ikuh fdu jkLrk I gkrk gvk uhp enkuk rd igprk gA

1- fgeky;h ufn;k % ftu ufn;k dk mnxe cgr Åpkb e fLFkr Xyf'k;j I gkrk gA mnkgj.k d fy, xke[k] ft I d ckj e vki tkur gkx] ;gh I xxk fudyrh gA t I k fd vki tkur g yxHkx 5000 ehVj I vfèkd Åpkb e o''kk fge d : i e gkrh gA tc ogk cQ tek gkrh jgrh g] rc uhp dh I rg e Åij d nkc d dkj.k cQ Bkl : i e ifjofrr gk tkrh g vkj uhp dk f[kl du yxrh gA bl f[kl drh cQ dk ge ^fgeun* dgr gA ; gh Xyf'k;j gA tc Xyf'k;j dh cQ f[kl dr&f[kl dr uhp igprh g] tgg Åpkb de gku d dkj.k rkieku vfèkd gkrk g] bl dkj.k cQ

fi?kyuk 'k: dj nrh g vkj unh dk : i y yrh gA ;gk l vkj uhp tku ij ;
 ufn;k viu e o"kk d ml ikuh dk Hkh feyk yrh g tk Hkfe lrg l cg tkrk g ;k
 èkjrnh nokjk lk[k fy, tku d ckn uky] èkkjk l fudyrk g %fcUn 3 n[k%A bu cMh
 ufn;k dk ikuh mRrjk[k.M d rjkb bykd l gkrk gvk leæ e tk feyrk gA dN
 cMh ufn;k %t l xxk] jkexxk% d dN ikuh dk ugjk e ekM fn;k x;k g] ft l dk
 mi;kx flpkb e gkrk gA t l k gfjnokj fty e fd;k x;k gA

2- vU; ufn;k % dN ufn;k tk igkM l enku dh vkj cgrh g] bu ufn;k dk e[;
 lkr o"kk dk ty gA Xyf'k;j l budk mnxe ugh gkrk gA ; ufn;k fge j[kk d
 uhp %yxHkx 5000 eh l uhp% l 'k: gkrh gA bl çdkj bu ufn;k d nk lkr g %
 o"kk dk ikuh tk lèk gh Hkfe lrg l cg tkrk g vkj igkMk e ik, tku oky çkÑfrd
 uky] èkkj & bu ufn;k dk ikuh xfe;k e de gk tkrk gA uuhrky vkj mèkeflg uxj
 e cgu okyh xkyk unh blh çdkj dh ,d unh dk mnkgj.k gA igkMk l db NkVh
 ufn;k fudyrh g] ftudk lkr Hkh uky] èkkj gh g] ; NkVh ufn;k dN nj rd cgu
 d ckn Hkkcj {k= e fQj l xk;c gk tkrh gA

bu ufn;k dk ikuh tehu d Hkhrj cgrk g vkj rjkb {k= e iu% lrg e vk tkrk
 g rFkk unh dk : i y yrk gA ; rjkb l vx enkuh {k=k e cgrh gA dN ufn;k
 e ckèk cuk fn, x, g vkj budk ikuh flpkb d dke e yk;k x;k gA

;g lgh g fd cMh ufn;k dk Hkh dN ikuh èkjrnh nokjk lk[kk tkrk g] yfdu ijk
 ikuh ugh D;kfd budk çokg cgr vfèkd gkrk gA

vc rd i<dj ge dg ldr g fd fgeky; l fudyu okyh ufn;k dk cgko o"k
 Hkj yxHkx ,d leku jgrk gA vU; ufn;k ftudk e[; lkr o"kk dk ty g mue
 ikuh dh ek=k ?kVrh&c<rh jgrh gA

3- igkM d ty lkr %uky ,o èkkj% igkMk d uky ,o èkkj o txg g] tgg l
 o"kk dk ty èkjrnh nokjk lk[kk tku d ckn fQj l fudyrk gA ;g ikuh NkVh&NkVh
 ufn;k l cgrk gA igkMk e jgu oky ykx bl ikuh dk mi;kx ?kjy dkek d fy,
 vkj dN txgk e flpkb d fy, djr gA èkjrnh l ikuh dN txgk l dl fudyrk
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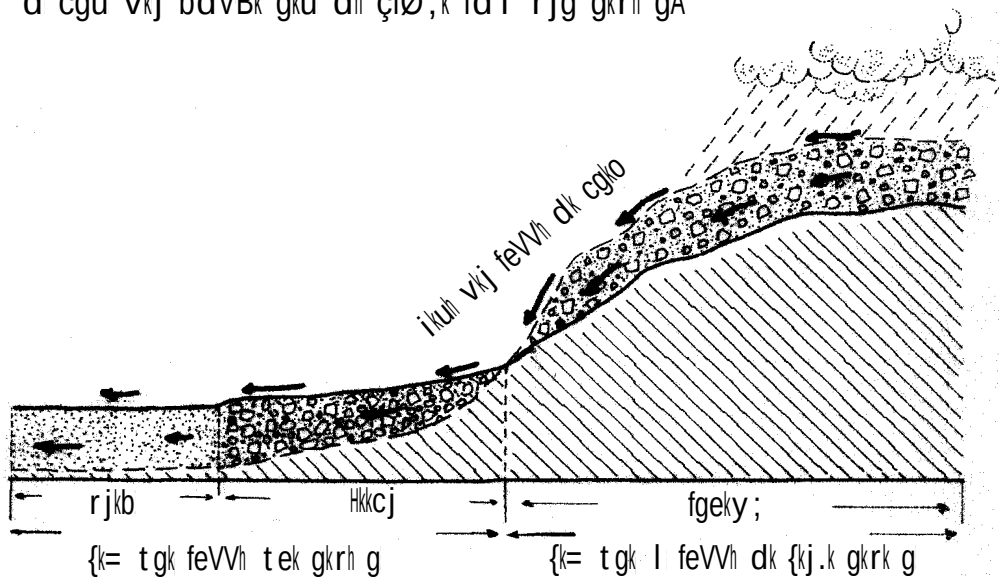
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 ,o èkkj l iu% ugh fudyrk g] yfdu tehu d cgr uhp pyk tkrk g vkj enku e
 fudyrk gA bl d ckj e ckDI 21&1 vkj 21&2 e foLrkj l crk;k x;k gA

çkDI 18&3

igkM vkj enku 2- feVh

igkMk I gkrk gvk ty ufn;k e cgrk g çkDI 18&2½ vkj viu lkFk {kfjr gb feVh Hkh ykrk gA bl ty dh cgu dh xfr cgr rt gkrh g vkj viu lkFk cM iRFkj dk Hkh cgk y vkrk gA tc ufn;k Hkkcj e igprh g] ;gk ty dh cgko nj de gk tkrh gA iRFkj vkj feVh d cM d.k lrg e : d dj ;gh Hkkcj d {k= e jg tkr gA ;gh dkj.k g fd Hkkcj dh feVh igkMk I vkb gb {kfjr feVh d ekV d.kk I cuh gA

rjkb e ty dk çokg vkj de gkrk tkrk g] D;kfd ;gk Hkfe dk <ky Hkkcj {k= I de gkrk gA vR;fèd feVh d eggu d.k ;gh lrg e cB tkr gA ge ;g dg ldr g fd rjkb e Hkh feVh igkMk I vkb gA fp= 18&3&1 n'kkrk g fd feVh d cgu vkj bdVBk gku dh çfØ;k fd l rjg gkrh gA



fp= 18&3&1 mRrjk[k.M e feVh dk {kj.k vkj teko

dN feVh xxk] jkexxk] Ij; t l h cMh ufn;k nokjk y tkb tkrh g vkj rjkb I uhp enkuh {k= e bdVBk dh tkrh gA ;gk rd fd xxk&;euk ufn;k nokjk cuk, x, mRrj çn'k] fcgkj] if'peh cxky vkj ckXykn'k d enkuh {k= e feVh mRrjk[k.M] fgeky çn'k vkj uiky d igkMk I vkb gA

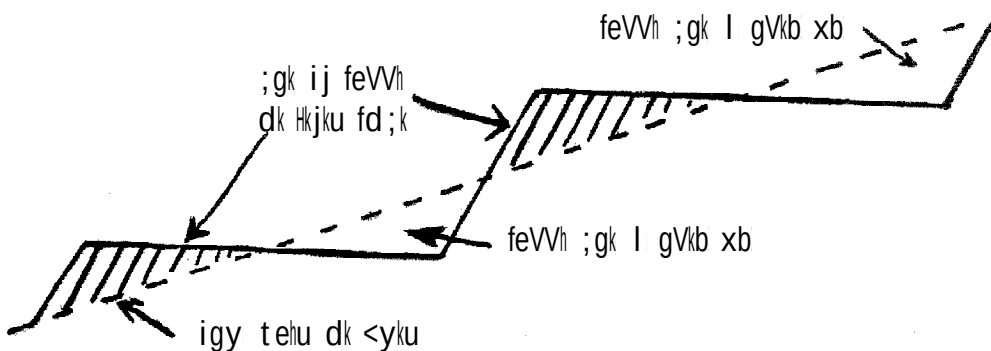
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ckDI 18&4

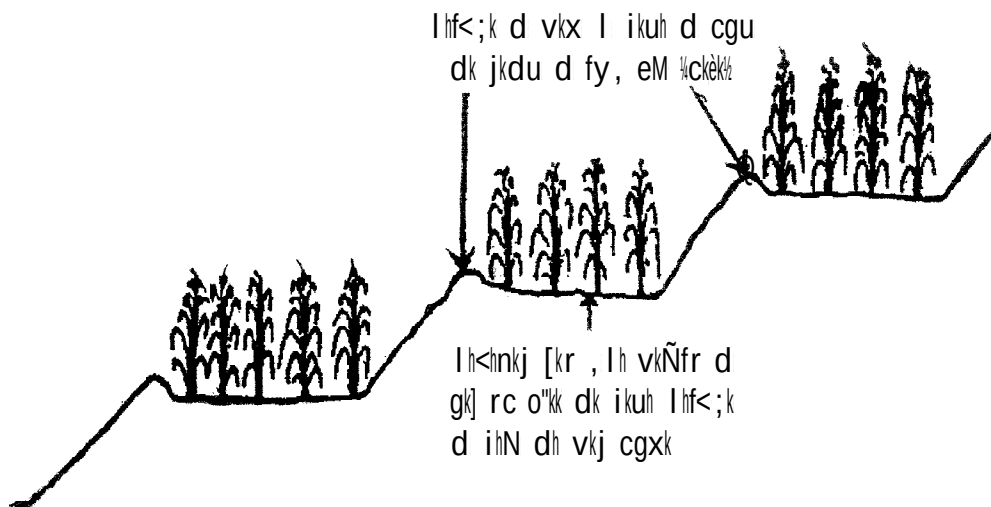
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Qly mxku d fy, ge ik"kd {k= d ,d fgLI I I kj o{k rFkk ouLifr;k dk gVh
nr gA rc ge cht cku d fy, feVh dk tkr gA ,lk dju I ge feVh dk o"kk
d fy, [kyk rFkk bl <hyk dj nr gA blfy, bl I Hk&{kj.k dh IEHkkouk cgr c<
tkrh gA <yku okyh txg ij dN gh o"kk e I kjh feVh cg l drh gA ;fn ,lk gkrk
rk fQj dkb Qly ugh mxkb tk l drhA

<ykok Hkfe e Hk&{kj.k dk jkdu d fy, Ñf" Hkfe ¼ tkr Hkfe½ e Ih<hmkj [kr cuk,
tkr gA [knku vkj Hkjku d db cM pj.kk e ;g dk; fuEu : i l fd;k tkrk gA



Bhd rjhd I cuk, x, Ih<hmkj [krk dk <yku vx I ihN dh rjQ gkuk pkfg, rFkk
lkFk gh [kr d fdukj e eM gkuh pkfg,] t lk fd uhp d fp= e fn[kk;k x;k g



o"kk dk ikuh <yku l uhp ugh cgxkj] fdUr lh<hmkj [krk e tek gkdj feVh
nokjk lk[k fy;k tk,xkA

Igh rjhd l cu lh<hmkj [krk dh Hk&{kj.k de dju dh mi;kfrrk dk uiky d
,d xko e fy, x, eki&tk[k l le>k tk ldrk gA

lh<hmkj [krk dk çdkj Hk&{kj.k l cgh feVh fdxk@ukyh@o"ki

vnj dh vkj <yku fy, g, rFkk eM

lgr ¼ t lk Åij d fp= e fn[kk;k g½ 40

ckgj dh vkj <ky fy, g, rFkk cxj

eM d ¼ t lk fd vfèkdrj mRrjk[k.M] 140

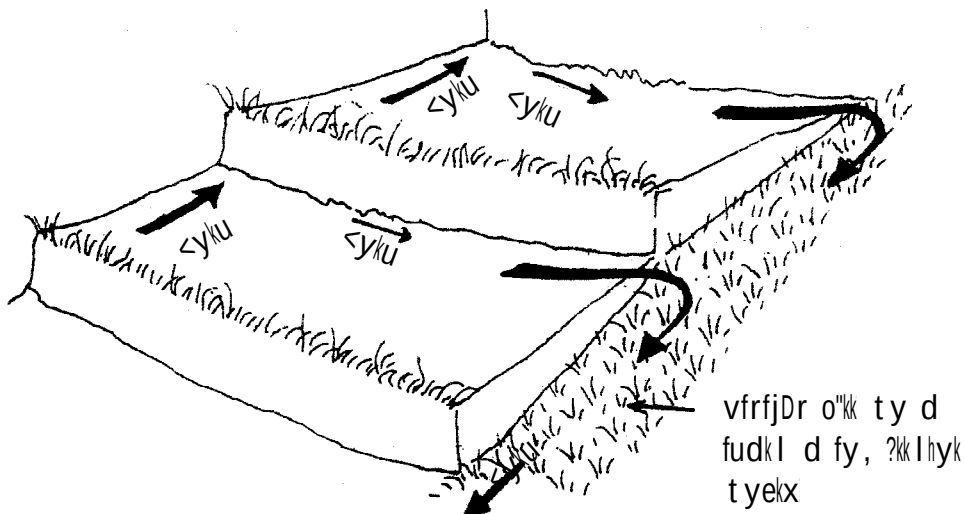
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¼;g gvk yxHkx 5 cMk duLrj Hkjh feVh

D;kfd ,d yhVj feVh dk otu

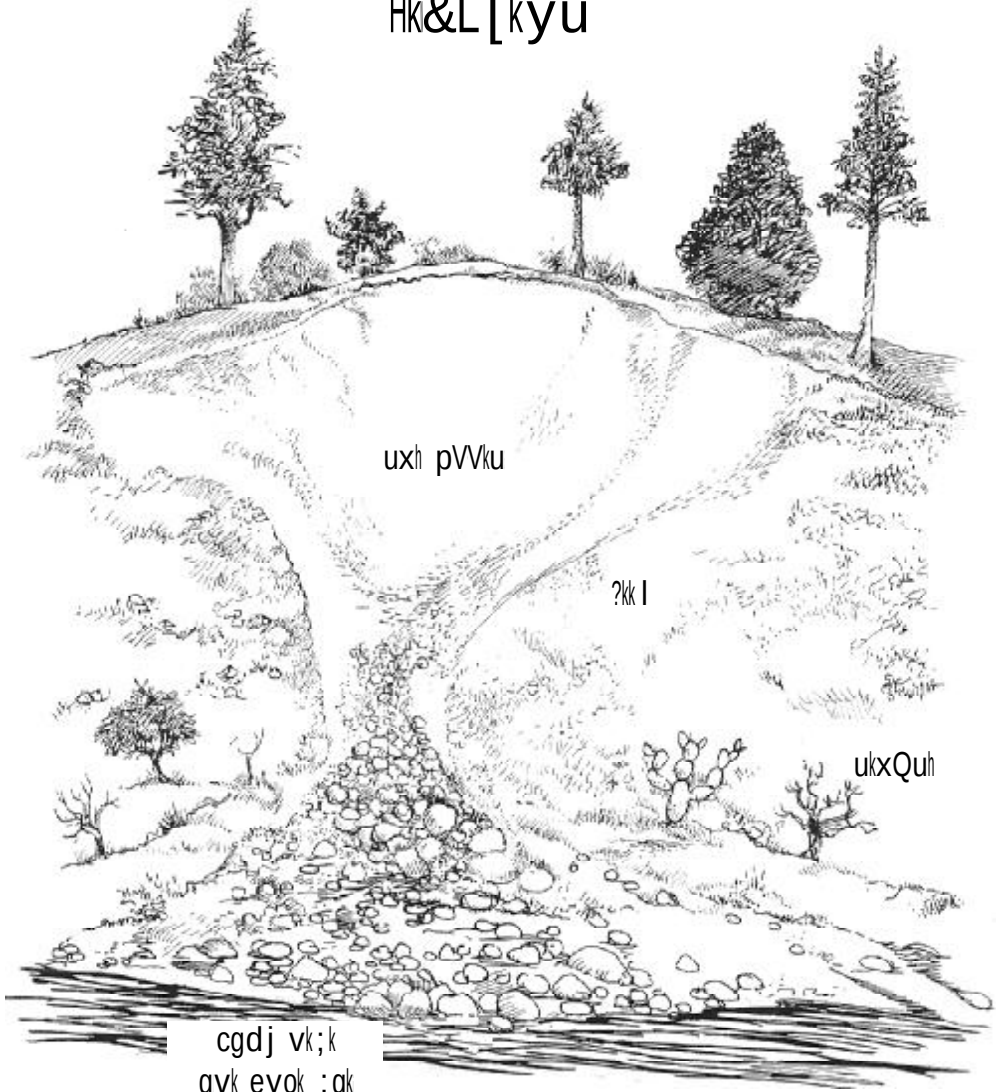
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lh<hmkj [kr ,d Nkj l nIj Nkj rd FkkM <yok j[k tk, ¼uhp fn;k x;k j[kkfp=
nf[k,¼A bl rjg Hkkjh cktj'k dk vfrfjDr ikuh cg ldxkA vxj [krk ij cgr ikuh
#dk jg tk,xk rk og Hk&L[kyu djd mUg rkM nxkA bu lh<hmkj [krk ij tkuojk
dk ugh pju nuk pkfg, D;kfd o lkeu okyh eMk dk rkM nx] o [krk d ?kkIhy
tyekx ij mxh gb ?kkI dk Hkh pj tk,x vkj mUg dVkok e cny nxA



ckD I 18&5

Hk&L[kyu



cgdj vk;k
gvk eyok ;gk
Qy x;k g

dHkh&dHkh fd l h <yku ij ijh Hkfeir viuh uhp okyh pVVkuh l vyx gkdj
f[kld tkrh gA bl Hk&L[kyu dgr gA Åij d j[kkfp= e] ,d cm igkMh Hkx dh
Hkfe <yku ij l f[kld xb gA <yku dh pkVh ij uxh pVVku fn[kkb nrh g tcf
uhp dk de [kMk <yku feVVh vkj iRFkj d eyc e nc x;k gA

cgr l <ykuk ij Hk&L[kyu LokHkkfod :i l gkr jgr gA vkerkj l o r t
ckfj'k d dkj.k gkr gA feVVh dh rg ikuh l Hkhx dj Hkkjh gkrh tkrh gA ikuh feVVh
dh rg dk pVVku ij l f[kl du dk Hkh çfjr djrk gA blhfy, Hk&L[kyu vfekdrj
o"kk _r ;k mld rjUr ckn gkrk gA

uxh pVVku ij ub ouLifr mxu e cgr yck le; yxrk g vkj cgr èkhj&èkhj
feVVh curh gA Hk&L[kyu d uhp oky likdkj eyo ij tYnh gh çkÑfrd rjhd l
nckjk ouLifr mxu yxrh gA db xkok e ,l likdkj eyok e vPN [kr cuk fy,
x, gA

gkykfd vfekdrj Hk&L[kyu ulfxd :i l gkr g] dN ekuotU; Hkh gkr gA iM
Hkfe dh lrg dk f[kl du l cpku e enn djr g D;kfd mudh tM pVVku dh rg
e xgj h tkrh gA vxj ik"kd {k= dçcfèk g vkj mll iM xk;c gk jg g rk
Hk&L[kyu dh lEHkkouk, c< tkrh gA ;fn vnj dh vkj <yku fn, lh<hmkj [krk e
Hkh ,d Nkj l nljh Nkj dk <yku ugh fn;k g rk Hkkjh cj lkr e ikuh tek gk ldrk
g vkj Hk&L[kyu dj ldrk gA

db Hk&L[kyuk e Hkfe gh ugh] mld uhp dh pVVku dk dN fgLlk Hkh f[kl d
tkrk gA ,lk rc gkrk g tc HkdEi d ifj.kkeLo:i pVVkuk e cMh&cMh njkj cu
tkrh gA tgk ,lk gk ogk iMk d gku u gku l dN vUrj ugh iMrkA lMd fuek.k
e Hkfe d Hkhrj pVVku fgy tkrh g vkj ft l dkj.k db ekuotU; Hk&L[kyu gkr
gA

Hk&L[kyuk l gekjh Hkfe dk vkj dHkh&dHkh rk gekj eduk dk Hkh ud lku gkrk
gA dN Hk&L[kyuk dk rk jkdk ugh tk ldrk D;kfd o çkÑfrd dkj.kk l gkr gA
dN dk vPN Hkfe çcuèk nokjk jkdk tk ldrk gA bld fy, ge ;g dj ldr g &

- 1- viu ik"kd {k= dk o{kk l vkPNkfnr cuk, j[k ;k Hkh ge pkj vkj ydMh dk
mRiknu c<ku vkj Hk&{kj.k dk de dju d fy, ;g djuk gh gkxkA lkFk&lkFk
Hk&L[kyu dk [krjk Hkh de gk tk,xkA
- 2- ckfj'k d vrfjDr ikuh d fudkl d fy, viu lh<hmkj [kr ,l cuk, fd
mudk <yku Hkhrj dk vkj FkkMk lk ,d Nkj dh vkj gA ,lk dju l
Hk&L[kyu jkdu e enn dju d vykok {kj.k Hkh de gkrk gA eMk vkj ?kk l hy
ty ekxk l ge pkj d fy, ?kk l Hkh fey tkrh g yfdu ;g fo'k" è;ku j[kuk
gkrk g fd ge ?kk l dk gkFk l gh dkVA

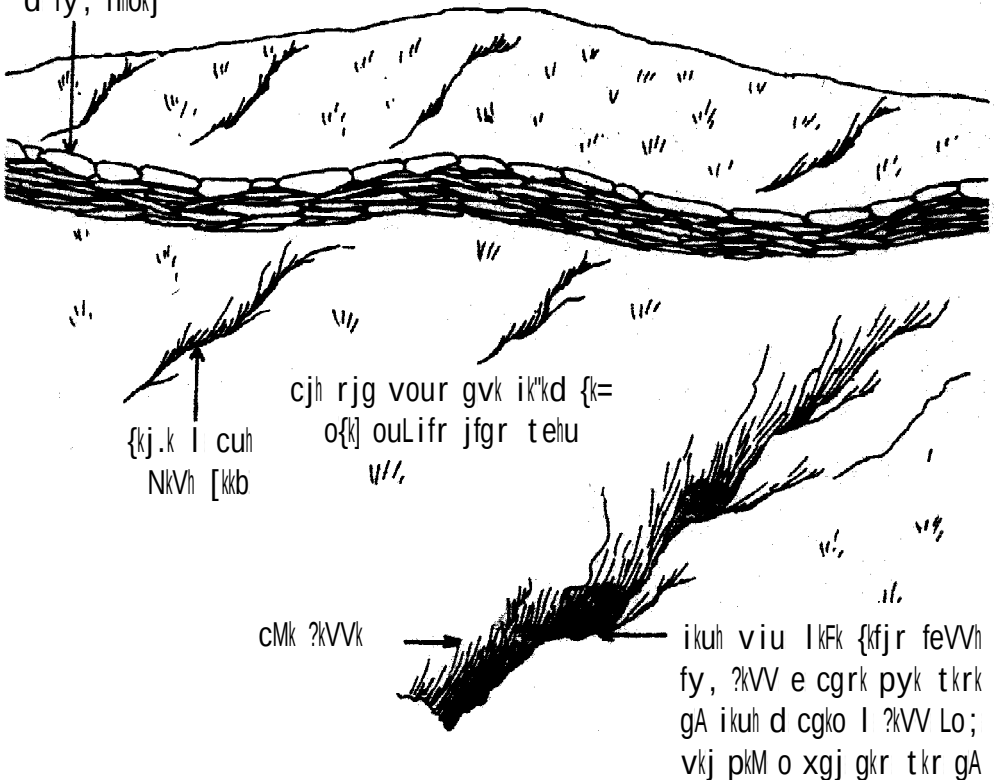
ckD I 18&6

jkd ckèk

cgr I xkok d ik"kd {k=k e Hk&{kj.k d dkj.k dVko ¼?KVV½ cu tkr gA bue
I db rk [kc cM gkr g vkj gj r t ckfj'k d ckn o vfèkd xgj vkj pkM gkr
tkr gA

vxj ,I vour g, ik"kd {k= dk pjkb vkj vx I cpk, j[kk tk, rk tehu
tYnh gh ?kk I I vkPNkfmr gk tk,xkA bli {kj.k dh nj cgr ?KV tk,xh yfdu bl
cpko I Hkh dVkok dk cuuk ugh #dxkA dYiuk dj fd tehu d dVko ,d ?kko dh
rjg g ftUg ge fo'k" ;Ruk I Bhd djuk gkxkA

ik"kd {k= dk
pjkb I cpku
d fy, nhokj



jkd ckèk fd l h uky d vkj&ikj FkkM Qklyk ij cukb gb iRFkj dh nhokj gkrh gA
o ikuh d cgko dk jkdrh g rkfd mll dVko vfèkd pkM o xgj u gkr tk, A ikuh
nokjk ykb xb {kfjr feVvh bu ckèkk d Åij dh rjQ tek gkrh tkrh gA

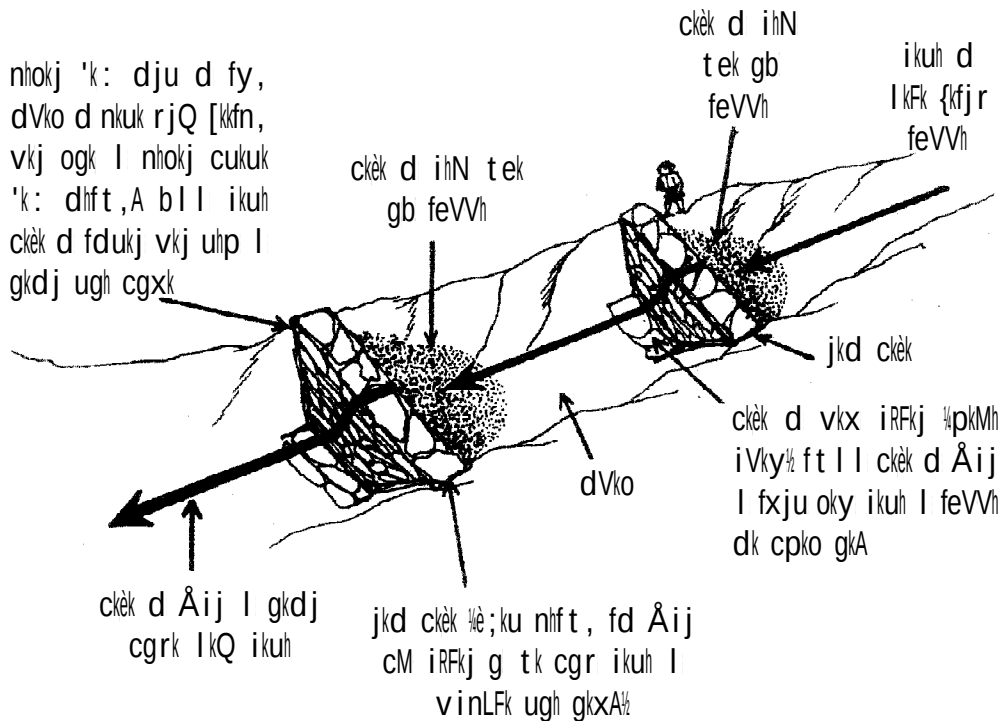
nhokj 'k: dju d fy,
dVko d nkuk rjQ [kkfn,
vkj ogk l nhokj cukuk
'k: dhft, A bli ikuh
ckèk d fdukj vkj uhp l
gkdj ugh cgxk

ckèk d ihN tek
gb feVvh

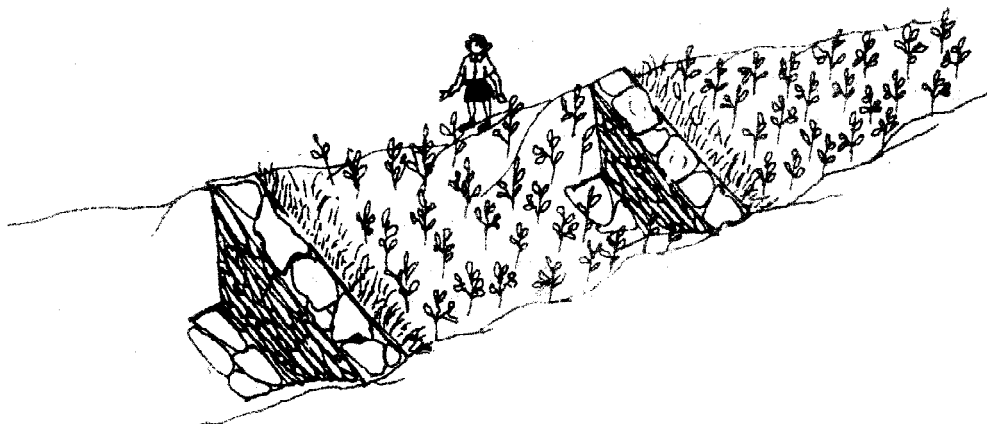
ckèk d ihN

tek gb
feVvh

iku h d
l kfk {kfjr
feVvh



,d nk lky ckn tc feVvh ckèk d Åijh fljk rd Hkj tkrh g] rc bl ij ?kk l
vkj iM yxk fn, tkr gA



vH;kI 19

lfct;k d\ cht r\;kj djuk

ifjp;

;g vH;kI tfod [krh Øe e nljk g] ftI vki viuh ?kj e Lo; dixa vH;kI 11
¼d{kk 6½ e vkiu viuh cxhp e lCth mxku d fy, gk ldrk g viuh ekrk&firk ;k
iMkfl;k l cht fy, gkA bl vH;kI l vki viuh cxhp e mxh lfct;k d cht [kn r;kj
dixa

vPNh lfct;k mxku d fy, ;g vko';d g fd vki cht Lo; cuk,A tc vki cktkj
l cht [kjhnrg rc vki fo'olr ugh gk ldr g fd mu chtk l vkid cxhp e LoLFk
ikèk gkx] bld vfrfjDr cktkj d cht vfèkd'kr;k mu ikèkk d gkr g ftue jklk;fud
fNMdko fd;k x;k gkrk g] ;k chtk e jlk;u Mkydj lxfgr djr gA vki viuh iMkfl;k
vkj lgikfB;k l Hkh cht y ldr g ¼;fn o jlk;uk dk ç;kx ugh djr g¼A vxj vki
nljk l cht y jg g rk fd lh le; vkidk Hkh mUg cht t:j nuk gkxkA

;g vH;kI dju l igy ckDI 19&1 vo'; i< ya lfct;k d cht cukuh
tkudkjh ckDI 19&2 e nh xb g tk ,d lnHk ckDI gA lfct;k d cht r;kj dju e
vki bl ckDI dh enn y ldr gA bl dk; e viuh ekrk&firk o iMkfl;k dh enn
Hkh y ldr gA

viuh cuk, g, chtk dk fjdkM j[ku d fy,] viuh lCth dh Mk;jh e ,d rkfydk cuk,
¼rkfydk 19&1 n[½ vkj mle chtk dh fdLe ftUg vkiu r;kj fd;k g mld ckj e fy[k
t l cht dk uke] cht r;kj gku dh rkjh[k vkfna

vè;kiu ldr

bl vH;kI dk vH;kI 11 ^ejh lCth dk cxhp* ¼d{kk 6½ dh rjg dj,A

;g vH;kI dju l igy ckDI 19&1 vkj 19&3 vo'; i< ya

rkfydk 19&1 gekj cuk, x, ch t k dh l ipuk

0"K -----

[illegible]

rkfydk Hkju d fy, fun'k 4

dkye ½% İct h dh tk fdLe vkiu viü cxhp e mxkb mldk ey İkr fyf[k,
vFkk r fiNy o"kk vkiu dgk İ ch t çlkr fd,A vxj og fdLe vkid
xko e db o"kk İ mxkb tk jgh g] rk viü xko dk uke fyf[k,A

dkye ¼4½ ½ fy[k] D;k og fdLe vkid xko d fy, vPNh g ;k ugh ¼vPNh l rkri ;
ikèkk d LokLF; vkj mxh gb lft ;k dh x.koRrk l g½A

ckDI 19&1

l f t ; k d i c h t c u k u k , o i m u d k H k . M k j . k

fiNy o" k d { k k 6 e v k i u c h t c k , g k x ; k i k è k j k i g k x t k v k i u v i u e k r k & f i r k ; k i M k f l ; k ; k f Q j d g h v k j l ç k l r f d , g k x A b l o " k l v k i v x y o " k c k u d f y , c h t L o ; r ; k j d j x A t k c h t v k i u c k t k j l [k j h n g k x l E h k o g f d m u e j l k ; u g k x v k j o v k i d { k = d f y , v u d y u g h g k x A b l f y , v i u c h t k d f y , v k i c k t k j i j H k j k l k u g h d j l d r g A

, d v U ; d k j . k H k h g f d D ; k v k i d k v i u f y , c h t c u k u p k f g , A v k i d f o n ; k y ; e g , l c t h ç n ' k u f n o l ¼ v H ; k l 1 1 ½ e v k i u , l h l f t ; k n [k h g k x h t k v k i d c x h p d h l c t h l c g r j g k x h A , l h f l F k f r e v k i L o ; g h m u f d L e k d c h t k d k v i u c x h p e y x k u d f y , e k x x A t c d k b c h t e k x r k g r k d k b H k h e u k u g h d j l d r k g A b l f y ,] v x j v k i v i u l g i k f B ; k l ; g v k ' k k d j r g f d o g v k i d k c h t n] d H k h o g H k h v x j v k i l c h t e k x r k v k i H k h m U g v i u c u k , v P N c h t n u d f y , r ; k j j g ¼ b l d k j . k f t r u c h t k d h v k i d k v x y o " k v i u c x h p e t : j r g k x h m u l d g h v f è k d c h t k d k r ; k j d j ½ A

f d l h H k h l c t h d c h t r ; k j d j u d f y , v i u c x h p d , d & n k i k è k p u y u p k f g , A o , l i k è k g k u p k f g , t k L o L F k g k v k j f t u e l c l v P N Q y ; k Q y y x g k ¼ d N l f t ; k t l c h u v k j V e k V j d k Q y o k y k H k k x] t c f d Q y x k H k h d i k è k d k Q y o k y k H k k x v k j e F k h , o c n x k H k h e i f r r ; k d k [k k r g ½ A , d ç d k j d h l c t h d l H k h i k è k , d l g h u g h g k x A c h t c u k u d f y , l c l v P N i k è k N k f V , A v x y o " k ; c h t v k i d k b U g h i k è k k d h r j g g h d b i k è k n x A v x j ; g ç f Ø ; k v k i g j o " k n k g j k , x] r k v i u c x h p e c k b x b l f t ; k d h , d v y x f d L e v k i L o ; i n k d j x A ; g f d L e v k i d c x h p d h t y o k ; v k j f e V V h d v u d y , o v k i d 0 ; f D r x r L o k n d H k h v u d y g k x h A ; g h d k j . k g f d ç R ; d x k o d y k x l f t ; k v k j Q l y k d h d b f o ' k " k ç t k f r ; k d k i n k d j r g A b l h d k j . k v H ; k l 1 1 e f i N y o " k v k i d k v i u e k r k & f i r k ; k i M k f l ; k l c h t y u d h j k ; n h x b F k h A v x j v k i v i u c x h p d f y , c k t k j l c h t ; k i k è k [k j h n] g k l d r k g v k i i k , x f d o g v k i d c x h p e u g h i u i j g g ; k v k i d k m u d Q y k d k L o k n v P N k u y x A

l f t ; k n k ç d k j d h g r h g] , d f t u e L o i j k x . k g k r k g v k j n l j h f t u e i j i j k x . k g k r k g A i j k x . k e i j k x d k L F k k u k U r j . k g k r k g] f t l d k e r y c g f d Q y d u j f g l l l d N d k f ' k d k , Q y d e k n k f g l l e ç o ' k d j r h g] f t l d Q y L o : i Q y

rFkk ckn e cht r;kj gkrk gA ,lh lft;k ftue ij ijx.k gkrk g] ijx dk LFkkukUrj.k Lor% ugh gkrk g] tcfD ;g dke eèkefD[k;k] frrfy;k vkfn djrh gA tc o Qy d ikl jl plu vkrh g rc Qy dk fgykrh g vkj blh gypy e ijx dk LFkkukUrj.k gk tkrk gA dN lft;k t l dnn] [khjk] ykdh] rkjb e vyx uj vkj eknk i"i gkr g vkj eèkefD[k;k] ijx dk ,d Qy l nlj Qy e igpkrh gA bl dkj.k frrfy;k vkj eèkefD[k;k] lCth mRiknu d fy, vko';d gA ge viuh lft;k e tgjhy jlk;u ugh fNMdu pkfg,] D;kfd bud çHkko l eèkefD[k;k] vkj nlj ykHknk;d dhV ej tk,x HedMh ,d vU; dhV g tk lCth mRiknu d fy, cgr vko';d g] D;kfd ;g mu dhV k dk [kkrh g tk ikèkk dh ifRr;k dk [kkr g ;k mud jl dk plr g½A

bu nk legk e vku okyh e[; lft;k ;gk nh tk jgh g &

ftue: Loijx.k gkrk g

ftue: iijix.k gkrk g

VekVj

xktj

cxu

eyh

fep

'kyte

eVj

l;k t

le

QyxkHkh

cnxkHkh

xkB xkHkh

[kjctk

rjctk

dnn

ykdh

rkjb

tc vki ,lh lCth d cht r;kj dj jg gk ftue iijix.k gkrk g] è;ku j[k vxj ,d gh çtkfr dh nk ;k vfèkd fdLe utnhd e mx jgh gk vkj mue ,d gh le; e Qy vk, rk ,d&nlj l ldfjr gk tk,xhA ,lk gku ij vxy o"k bu chtk d ikèk fey ty fdLe d gkx D;kfd eèkefD[k;k] ijx dk ,d fdLe l nljh fdLe e igpk,xh] mnkgj.k d fy, ekuk vki dgh ckgj l eyh dh ub fdLe ykr gA bl fdLe dh eyh d 'knèk cht çklr dju d fy, ;g vko';d g fd bl ub

fdLe dh eyh e Qy vku dk le; vkj vkid ;k vkid iMklh d cxhp e mx jgh
eyh e Qy vku dk le; vyx&vyx gkuk pkfg,A

QyxkHkh] cnxkHkh o xkBxkHkh e vkil e l dj.k gk tkrk gA bl h çdkj l j l k vkj
'ky te Hkh vkil e l dfjr gk tkr gA bl dkj.k bu fdLek d cht ,d gh le;
e ugh cuku pkfg,A

ckDI 19&2 e dN lkeU; lft ;k dk mnkgj.k ydj cht r;kj dju d rjhd
crk, x, gA

chtk dk èi e l [kk,A vPNh rjg l [k g, chtk dk lykfLVd dh Fkyh e j[k vkj
Fky dk lCth dk uke] xko dk uke] viuk uke vkj cht id dju dh rkjh[k l
yfcy dj vkj Fkyk dk dldj cn dj nA vxj chtk e ueh igpxh rk mudh
vdj.k {kerk lelr gk tk,xhA ,d ckr dk vkj è;ku j[k fd vfèkd'k lft ;k d
cht nk o"k l T;knk vdj.k{ke ugh jgx] blfy, tgk rd gk ld nk o"k d vnj
u, cht r;kj dj yu pkfg,A

ckDI 19&2

dN lkekU; lfc t; k d ch t r; kj dju dh l|puk

xkt j

viu cxhp d lcl LoLFk ikèk dk pu yA pu g, ikèkk dk Qy vku d fy, NkM nA cht oky fgLI dk r; kj gku ij dV y vkj Nk; k e l[kk, A chtk dk gkFk l jxM dj vyx dj yA

xkB xkHkh

tc xkB xkHkh ijh rjg ifjiDo gk tk, xh ble l ,d MBy ckgj fudy vk, xkA çfr fnu lcg MBy dh è; kuiod ttp dJA ;fn dkb bYyh fn[kkb iM rk gVn nA cht dh Qyh tc ijh rjg id tk, rc ml dV yA Qyh dk èki e l[kk, vkj fQj chtk dk vyx dj yA

VekVj

cxhp d lcl LoLFk ikèk l ,d&nk Qyk dk pu yhft, tc o vPNh rjg id tk, rk mUg rKM yhft, A mUg dV] xnk vkj chtk dk LVhy ;k lykFLVd dh Nyuh e fudky dj j[k nA fQj viu gkFk l gYd&gYd eyr g, pyr ikuh e èkk, A cgr l k xnk èkku l cg tk, xkA tc rd ikuh vPNh rjg fuFkj u tk, chtk vkj xn dk Nyuh e gh jgu nA bld ckn chtk vkj cp g, xn dk 15 leh 0; k l d xky dkxtk e Qyk n vkj yxHkx ,d cht l n l j cht dh njh 1 leh j[k Nk; k e l[kk, A vkid cht dkxt e fpid tk, x mUg l[ku ij ol gh lHky yA

vxy o" k bu chtk l ikèk cuku d fy, cht fpid g, dkxt dk r; kj xey ;k iVh e feVVh dh lrg e j[k n vkj yxHkx 5 feeh feVVh dh rg l <d nA feVVh e ueh cuk, j[kA t l&t l vkid cht vdfjr gku yxx dkxt xyrk tk, xkA

ikyd

pu g, LoLFk ikèkk dk cht r; kj dju d fy, NkM nA cht mu ikèkk l u y ftue igy gh cht okyh MBy vk xb gkA ge cht d fy, , l ikèk yu pkfg, ftue yc le; rd ifRr; k vkrh jgA ikyd cFkok d l kFk l dfjr gk tkrk gA r; kj cht Hkj jx d gkr gA tc cht r; kj gk tk, rk cht okyh MBy dk rKM y] l[kk, vkj chtk dk vyx dj yA

l;k t

puh gb l;k t dh xkBk dk cht d fy, jgu nA cht okyh Qyh tc ijh rjg l id tk, rk ml rkM yA èki e l[kk, vkj chtk dk gYd&gYd gkFk l vyx dJA QyxkHkh

,d ;k nk Qyk dk cht d fy, pu y tc og ijh rjg l ifjiDo gk tk,A QyxkHkh d chp d fgLI dk fudky n ft l l rjUr gh fdukj l Qyk d MBy fudyu yxxA çfrnu lcg Qyk d MByk dh è;kuiod tkp dj vkj ;fn dkb bYyh fn[kkb iM rk ml gVk nA cht dh Qyh tc ijh rjg id tk, rc ml dkV yA Qyh dk èki e l[kk, vkj chtk dk vyx dj yA

cn xkHkh

tc cnxkHkh ifjiDo gk tk,] mldh Åijh lrg e phjk yxk n] bl l MBy dk ckgj fudyu e vk l kuh gxhA çfrnu MBy dk è;kuiod n[k] ;fn dkb bYyh fn[kkb n rk gVk nA cht dh Qyh tc ijh rjg id tk, rk ml dkV y] bl l[kkdj chtk dk vyx dj yA

chu vkj eVj

pu g, ikèkk l LoLFk Qfy;k dk ifjiDo gku nA bld ckn ml rkM yA èki e l[kk, vkj chtk dk vyx dj yA

cixu

viu cxhp d lcl LoLFk Qyk dk cht d fy, r;kj gku nA cxu dk ckgj dk fNydk fudky vkj vnj d fgLI dk xky&xky iry VdMk e dkVA bu VdMk dk jkr Hkj ikuh e Mck dj j[k tc rd fd cht xn l vyx u gk tk,A xnk vkj chtk d vyx gku d ckn chtk dk lkQ ikuh e MkyA Åij rjr g, chtk dk Qd n vkj cp g, chtk dk Nk;k e l[kk,A

fHk.Mh

puh gb Qyh dk ijh rjg l idu nA bld ckn ml rkM y vkj èki e l[kk,A tc Qyh l[k tk, rk chtk dk ml l fudky yA

fepi

vkid pu g, Qy tc ijh rjg l id tk, rk mUg rkM yA èki e l[kk, vkj lHky yA l[k g, Qyk dk rkM dj cht feyxA

eyh

ifjiDo gku ij LoLFk vkj Ihèkh tMk dk m[kkM y] ifRr;k dk yxHkx 4 leh
yckb ij dKV y] fQj eyh dh tM dk Bhd vkèkk dKV y] fQj Åijh iRrh oky Hkkx
dk vPNh rjg feVVh e jki.k dj n] dN fnuk e ble ub ifRr;k yxxh] ifRr;k d
ifjiDo gku ij chp l MBy fudy vk,xkA cht r;kj gku ij Qfy;k dk rkM dj
l[kk, vkj chtk dk vyx dj yA bl fofèk l vPNk cht feyrk gA

eFkh

eFkh dh ifRr;k dk nk ckj l Cth d fy, mi;kx dju d ckn ikèk dk Qy vkj
cht vku d fy, NkM nA tc Qyh id tk, ¼Qyh Hkj jx dh gk tk,xh½ ikèk dk
dKV y] èki e l[kk, vkj chtk dk vyx dj yA

'kyte

eyh dh rjg gh 'kyte d cht cuk, tkr gA

ljlki

ftu ikèk l vki cht yx mudh ifRr;k dk [kku d fy, u rkMA ,lk dju l
vkid cht vfèk vkj LoLFk cuxA

[kjct] rjct] dnn] ykdh] rkjb:

pu g, LoLFk Qy dk cy e gh jgu n tc rd og ijh rjg l id u tk,A id
g, Qy dk rkM y] ml dKV vkj cht ,o xn dk fudky y] gYd&gYd gkFk l cht
vkj xn dk ely vkj fQj 1&2 fnu d fy, ikuh e j[kA pyr ikuh e èk, ,lk
dju l chtk l xnk vyx gk tk,xkA chtk dk l[kk,A

pkkyb] dYQk] cFkok

pkkyb] dYQk vkj cFkok dN ,lh l fct;k g tk cxhp vkj [krk e Lor% gh mx tkrh
gA ; cgr gh Lokfn"V vkj ik"Vd l fct;k gA ; Lor% gh cht r;kj dj yrh g blfy,
è;ku j[k fd l Cth d fy, l Hkh ikèk dk u dKVA dN ikèk dk cht d fy, NkM nA
vky

vky dUn l mxk;k tkrk g cht l ughA fQj Hkh ftu dUnk l vky mxk;k tkrk
g mUg *vky dk cht* dgr gA Åpkb oky {k=k e ;g lEHko g fd vky d dUnk dk
vxyh cvkb rd j[k l dr g] ij enkuh {k=k e ughA enkuh {k=k e *vky dk cht*
ckr le; cktkj l [kjhnuK gkxkA

ckDI 19&3

mRrjk[k.M e çe[k l fct ;k dh [krh

l fct ;k gekj Hkk tu dk çe[k vx gA ;g Hkk tu dk Lokfn"V o ikf"Vd rk cukrh gh gA l kFk gh l kFk Hkk tu e fofòèrk Hkh ykrh gA mRrjk[k.M dh tyok; fofHkUu çdkj dh l fct ;k dk mxku d fy, mi ;Dr gA l fct ;k gekj Hkk tu d fy, vko'; d ?kVd & dkckbkbMV] cl k] çkVhu ,o [kkn; j'kk dk lcl mRre] lLrk ,o lgt miyCèk lkr gA bue i ;klr ek=k e [kfut yo.k ,o foVkfèU l gkr gA bld vfrfjDr bue ik; tku oky dN fof'k"V ;kfxd gekj 'kjhj dk db chekfj;k l yMu e l gk;rk djr gA

vfèdk'k l fct ;k ,d o"kh; 'kkdh; ikèk gA bue l dN ikèkk d Qyk dk l fct ;k d : i e fy;k tkrk gA t l & VekVj] cxu] eVj] fhk.Mh] Qjk l chu] fv.Mk] ijey] d jyk] ykdh] dnn] rkjb] fep] f'keyk fep bR;kfNA dN ikèkk d ru vkj ifRr;k l lCth curh gA t l & iRrk xkHkh] ykb] ikyd] eFkh] pkykb] cFkok bR;kfNA bl h çdkj QyxkHkh dk Qy lCth e ç;kx gkrk gA dN ikèkk d tenu d Hkhrj d Hkx ½ dN ½ dk lCth d : i e ç;kx gkrk gA t l & vky] eyh] xkt j] 'kyte] xMjh] vjch] l ;kt] yglu bR;kfNA

l fct ;k NKV LFkku e Hkh mxkb tk ldrh g rFkk bud r;kj gku e Hkh vukt dh vi{kk de le; yxrk gA blfy, ,d o"ke l fct ;k dh db Qly yh tk ldrh gA budh inkokj Hkh vukt dh vi{kk vfèkd gkrh gA mRrjk[k.M d iorh; {k=e NKVh tkr gku d dkj.k lCth mRiknu vfèkd ykHkçn gA

uhp nh x;h rkfydk e mRrjk[k.M e fofHkUu Åpkb oky {k=k d vulkj mxk; tku okyh l fct ;k dh tkudkjh nh tk jgh g &

1500 ehVj l vfèkd Åpkb:

l fct ;k di uke	ckui dk le;	Qly r; ;kj gku; dk le;
1- vky	Qjoj h&ekp	150 fnu
	vxLr	180 fnu
2- l ;kt	vDVcj	160&180 fnu
3- VekVj	tuojh&Qjoj h] tykb	60&70 fnu
4- eVj	vxLr] uoEcj] ekp	120&130 fnu

I fC t ; k _i d _i uke	cku _i dk le;	Q l y r _i ; k _j gku _i dk le;
5- Ý k l chu cku _h	Qjojh&ekp	45&55 fnu
Ý k l chu cynkj	Qjojh&ekp	65&75 fnu
6- f'keyk fep	t uojh&Qjojh	80&110 fnu
7- fhk. Mh	eb& t u	75&80 fnu
8- yglu	Qjojh&ekp	90&100 fnu
9- xkhkh	vçy&eb	75&80 fnu
10- ykd _h] djy _k]	eb& t u	60&75 fnu
dnn] rkjb		
11- ey _h] xkt j] eFk _h]	vxLr&fl rEcj	60&70 fnu
iky _d] ykgh		

1500 ehVj rd dh Åpkbi

I fC t ; k _i dh fdLe	cku _i dk le;	Q l y r _i ; k _j gku _i dk le;
vky		
vYidkfyd	20 fl rEcj&10 vDVcj	80&90 fnu
e/; dkfyd	15 vDVcj& 25 vDVcj	95&115 fnu
nh?kdkfyd	15 vDVcj&10 uoEcj	110&115 fnu
Qyxkhkh		
vxrh	15 eb&30 t u	60&75 fnu
e/; dkyhu	t ykb&vxLr	65&80 fnu
iNrh	15 fl rEcj&30 vDVcj	80&90 fnu
ykd _h	Qjojh&ekp] t u&t ykb	60&75 fnu
fhk. Mh	Qjojh&ekp	45&50 fnu
	t u&t ykb	60&75 fnu
I; k t	vDVcj&uoEcj	100 fnu

vH;k l 20

ejk tMh&cVh dk cxhpk

ifjp;

d{kk 6 e vH;k l 3 e vkiu viuv/; ; u xke dh tMh&cV; k dk voykdu fd; k FkA
bl vH;k l e ge dN tMh&cV; k dk cxhpk mxkuk lh[kxA

dk; fof/k

- 1- bl vH;k l dk vkiu viuv d{kk 6 d vH;k l & 11 ^ejk lCth dk cxhpk* oky [kr e
dj ldr gA
- 2- lnHk ckDI 20&1 l viuv }kjk mxk; h tku okyh tMh&cVh dh lpuk dk i< yhft,
rFkk mlh d vulkj dk; dJA
- 3- rkfydk 20&1 e viuv voykduk dk vfdr dJA
- 4- [kr r; kj djuk rFkk dEikLV ç; kx dju dh fof/k d{kk 6 d vH;k l & 11 ^ejk lCth
dk cxhpk* d vulkj gh gkxhA
- 5- cht cku d mijku r le; & le; ij fujkb&xMkb ,o flpkb djr jfg,A
- 6- viuv v/; kid l iN D; k vkidh d{kk d fy, tMh&cVh çn'ku fno l gk ldrk g]
ft l fnu vki viuv cxhp dh tMh&cV; k fon; ky; e çn'ku d fy, yk l dA

v/; kiu ldr

lnHk ckDI 20&1 e mRrjk[k.M dh e[; tMh&cV; k dh [krh dh lkekU; tkudkj nh
tk jgh gA fon; kfFk; k l dg fd og viuv cxhp e mxk jg tMh&cV; k d ckj e tkudkj
ckDI 20&1 l y ldr gA

;fn fon; ky; e tMh&cV; k mxk jg gk rk çR; d Vkyh dk fu/kkfjr LFky dk vkoVu
djkh nhft , xkA

rkfydk 20&1

tMh&cVh dk uke _____

cku dh rkjh[k _____

dku lk Hkkx vk"kf/k d : i e ç; kx gkrk g _____

vk"kf/k d fy, mi; kxh Hkkx dk ,d= dju dk eghuk _____

ç'u %

1- tMh&cVh mxku e vkidk vuHko d lk jgk\

2- tMh&cVh mxku e viu ekrk&firk vkj iMkfI ;k l D;k l>ko çklr fd;\

vè;kid d gLrk{kj

fnukd

cKD I 20&1

mRrjk[k.M dh çe[k tMh&cfV;k dh [krh

bI cKD I e crk;k x;k g fd mRrjk[k.M dh çe[k tMh&cfV;k dh [krh dI dh tkrh gA ; I Hkh tMh&cfV;k 1500 ehVj rd d Åpkb oky {k=k e mxk;h tk l drh gA bue l db tMh&cfV;k çkdfrd : i l mxrh g] tcf dN dh [krh dh tkrh jgh gA t l& gYnh] vnjd] vtokbu] l kQ vkfnA bue l ikdfrd : i l mxu okyh tMh&cfV;k d cht ;k dUn ftyk Hk"kt l?k dh bdkb;k l ikr fd; tk l dr gA vnjd *%ftftcj vkfQfluy%*

vnjd ,d o"kh; 'kkdh; ik/kk gA bldh 0;olkf;d [krh d fy, 'khrk'.k vkj ue tyok; mi;Dr gkrh gA mRrjh Hkkjr e vnjd ekulu d çkjHk e ck;k tkrk gA vnjd dk bld dnk *%jkbtk%* l mxk;k tkrk gA dn 3-5 leh yEc rFkk 15&20 xke otu d gku pkfg,A dnk dk [krk e cuh yEch drkj e ck;k tkrk gA vnjd Nk;k okyh txg e vPNk iuirk gA ;fn l [k [kr e ck;k tk jgk g rk ,d drkj eDd dh l kFk e mxk;h tkrh gA efYpx Hkh vPNh mit d fy, t:jh g nljh efYpx l igy [kjirokj dh fujkb djuk vko';d gA vk"kf/k d : i e bld dUn ç;kx fd; tkr gA

cvkb d 5&7 ekg ckn tc Qly r;kj gk tkrh g] bldh ifRr;k ihyh iMuh 'k: gk tkrh gA vnjd d rkt dnk dk /kkdj Nk;k e l [kk;k tkrk gA

vtokbu *%VdkLiJee dkfIVde%*

vtokbu ,d o"kh; 'kkdh; ik/kk gA bld ik/k yxHkx 1-5 ehVj Åp gkr gA bI lh/k [kr e cht ckdj ;k ik/k'kkyk e r;kj ik/kk l jki.k dj mxk;k tkrk gA cht dh cvkb vDVcj&uoEcj ekg e dh tkrh gA bld cht vk"kf/k d : i e ç;kx fd; tkr gA

vjMh ;k ,j.M

bldk ofk 1500 ehVj rd dh Åpkb e çkdfrd : i l mxrk gA chtk rFkk dye }kjk bldh jkikb dh tk l drh gA chtk dk ik/k'kkyk e r;kj dj o"kk _r e budk jki.k 2 × 6 ehVj dh njh ij fd;k tkrk gA jkikb l io [kr e 60 × 60 × 60 leh d x<M cuk; tkr gA Qly dh jkikb d nlj o"k ik/kk e Qy vku 'k: gk tkr

gA Qy idu ij tc dky iM tkr g] rc budk rMokdj] fNydk gVkdj cht ,d= fd;k tkrk gA iMk l ikp o"k rd mit yh tkrh gA vk"kf/k d : i e cht ç;kx fd; tkr gA

vMh l k $\frac{1}{4}$, MFkkMk of l d $\frac{1}{2}$

;b lncgkj >kmh gA lEi.k Hkkjr e çkdfrd : i l mxrh gA bldk cht ;k dye l mxk;k tkrk gA cht eb&tu ekg e ik/k'kkyk e ckb tkrh g vkj M< ekg dh gk tku ij jki.k d fy, r;kj gk tkrh gA bld lHkh vxk dk ,d o"k ckn m[kkMdj] lQdj] Qy] tM rFkk ifRr;k dk l[kkdj ,d= fd;k tkrk gA bldh tM] ifRr;k ,o Qy vk"kf/k d : i e ç;kx fd; tkr gA

v'oxl/kk $\frac{1}{4}$ foFfu;k l kEuhQj $\frac{1}{2}$

;b 1500 ehVj dh Åpkb rd oky {k=k e mxrk gA bldk ik/kk >kmhinkj gkrk gA bl cht }kjk mxk;k tkrk gA cht dk lh/k [krk e ckdj ;k ik/k'kkyk e mxkdj jkfir fd;k tkrk gA ik/k'kkyk e cht dh cvkb tykb ekg e dh tkrh gA ik/k vxLr&flrEcj ekg e jki.k d fy, r;kj gk tkr gA [krk e jki.k 45 leh x 30 leh dh njh ij djuk pkfg,A

[krk e lh/kh cvkb 40&60 leh dh njh ij cuh drkjk e dh tkrh gA bldh tM vk"kf/k d : i e ç;kx dh tkrh gA

Qly 5&6 ekg e r;kj gk tkrh gA r;kj Qly dh tM 2 leh ru lfgr m[kkM yh tkrh gA tMk dk /kkdj 10 leh d VdMk e dkVdj l[kk yr gA

vkoyk $\frac{1}{4}$ bEcfydk vkfQf lufy l $\frac{1}{2}$

vkoyk e;/e Åpkb dk i.kikrh o{k gA ;g "k'd ,o xe {k=k e mxrk gA mRrjk[k.M e vkoyk ?kkVh oky {k=k e 1500 ehVj dh Åpkb rd çkdfrd : i l mxrk gA bl gj çdkj dh Hkfe e jkfir fd;k tk ldrk gA bl cht l mxk;k tkrk gA vkoy dh ik/k 1-5 l 2 lky dh gku ij jkfir dh tkrh gA lkeU;r;k jki.k cj lkr e fd;k tkrk gA yfdu flfpr {k=k e ekp&vçy rFkk tMk e Hkh jki.k lHko gA Qy uoEcj l Qjojh rFkk Åpkb d vulkj ,d= fd;k tkrk gA Qy vk"kf/k d : i e ç;kx fd; tkr gA

dkyk thjk $\frac{1}{4}$ fodfVdk LVhokVh $\frac{1}{2}$

;b ,d o"kh; 'kkdh; ik/kk gA bl cht vkj tMk }kjk mxk;k tkrk gA chtk dk lh/k [krk e ckdj ;k ik/k'kkyk e mxkdj jkfir fd;k tkrk gA ik/k'kkyk e cht

ekp&vçy e ck;h tkrh gA ik/k tykb ekg e jki.k d fy, r;kj gk tkrh gA jki.k d fy, drkj l drkj dh njh 45 leh rFkk ik/k l ik/k dh njh 45 leh j[kuh pkfg,A

Qly dk tM l dkVdj /ki e l [kkdj] eMkb dj cht dk ,d= dj yr gA cht vk"kf/k d : i e ç;kx fd; tkr gA

?krdekjh ¼,yk; ckjcMf l l ½

;g ruk foghu 'kkdh; ik/kk gA bldh ifRr;k ekly gkrh gA bl bld çdUnk l mxk;k tkrk gA u; çdUnk dk ijku ik/k l vyx dj D;kfj;k e ;k Fkfy;k e yxk fn;k tkrk g] ft l l fd u;h ik/k r;kj dh tkrh gA ik/kk dk jki.k cj lkr e dHkh Hkh fd;k tk ldrk gA ijr cj lkr d ckn vxLr&flrEcj ekg bld fy, lcl mi;Dr le; gkrk gA

ik/k l ik/k dh njh 40 l 50 leh j[kh tkrh gA ;g /khj c<rk gA blfy, ik/ kjki.k d çFke o"e [kjirokj d vku dh lHkkouk vf/kd jgrh gA bldh ifRr;k vk"kf/k d : i e ç;kx dh tkrh gA gj rhu ekg ckn 3&4 ifRr;k NkM ckdh ifRr;k fudky yh tkrh gA

ry l h ¼vkf l ;e cflfyde½

;d ,d o"kh; 'kkdh; ik/kk gA ry l h dh ckvkb cht }kjk dh tkrh gA cht }kjk ik/k'kkyk e bldh ik/k r;kj dh tkrh gA ckvkb vçy&eb e dh tkrh gA ckvkb d 30 fnu ckn tc ik/k 12&20 leh dh tk tk; rc ik/kk dk [kr e jki.k 60 x 40 leh dh njh ij fd;k tkrk gA tc ifRr;k lugj jx dh gk tk, rc bldh dVkb dh tkrh gA bldh ifRr;k ,o cht vk"kf/k d : i e ç;kx fd; tkr gA

filiyh ¼ikbij ykxe½

;g tehu ij Qyu okyh yrk gA bldk jki.k tehu ij Qyu okyh yrk d rhu&pkj xkB ;Dr VdMk d jki.k l fd;k tkrk gA bu VdMk dk o"kk _r d çkjHk gkr gh jkfir fd;k tkrk gA xkB;Dr yrk dk 50 x 50 leh d Qkly ij yxrk gA jki.k d 6&7 ekg ckn ;g Qy nu yxrk gA ;g ik/kk [krk e 15 lky rd inkokj nrk gA i.k fodflr gjh Qfy;k dh o"e 3&4 ckj rMkb dh tkrh gA mit dk 4&5 fnu /ki e l [kku d ckn Nk;k e l [kk;k tkrk gA bldh Qfy;k vk"kf/k d : i e ç;kx dh tkrh gA

i nhuk

;g 'kkdh; ik/kk gA inhu dh ik/k ldl }kjk mxk;h tkrh gA ldl dk lh/k 60&70 leh dh njh ij yxk;k tkrk gA ckvb dk le; 15 tuojh l 15 Qjojh rd dk mi;Dr gkrk gA ckvb d yxHkx 120 fnu ckn Qly dVkb d ;kx; gk tkrh gA çFke dVkb d 70&80 fnu ckn nljh dVkb dh tkrh gA bldh ifRr;k vk"kf/k d : i e ç;kx dh tkrh gA

e.Mdi.kh

;g ,d 'kkdh; ik/kk gA bl ik/k dh dfVx }kjk mxk;k tkrk gA bldk ue Hkfe e cjlkr d ckn mxk;k tkrk gA bldh ifRr;k vk"kf/k d : i e ç;kx dh tkrh gA

l iixl/kk ¼jkmfYQ;k l t fVuk½

l ix/kk cgo"kh; ik/kk gA bldh Åpkb yxHkx 80 leh gkrh gA bldh ik/k cht }kjk ik/k'kkyk e r;kj dh tkrh gA chtk dk cku l igy 24 ?kV ikuh e fhkxdj ,d ?kV d fy, Qyk fn;k tkrk gA cvkb eb d çFke llrg e dh tkrh gA chtk dk ik/k'kkyk e 8&10 leh nj drkjk e 1&2 leh xgjk ck;k tkrk gA ik/k tykb ekg e [kr e jki.k d fy, r;kj gk tkrh gA [kr e ik/k dh drkj dh njh 45 leh j[kh tkrh gA cht flrEcj l fnlEcj ekg e r;kj gk tkr gA tMk dh [knkb tuojh e dh tkrh gA bldh tM vk"kf/k d : i e ç;kx dh tkrh gA

l kiQ ¼Qkbfudye oYxj½

;g ,d o"kh; 'kkdh; ik/kk gA lQ dh ik/k cht }kjk ik/k'kkyk e r;kj dh tkrh gA ik/k'kkyk e cht cku dk le; 15 tu d vklkl jgrk gA [kr e ik/kjki.k vxLr 15 d vklkl fd;k tkrk gA ik/k l ik/k dh njh 40 leh vkj drkj l drkj dh njh 60 leh j[kh tkrh gA cht vk"kf/k d : i e ç;kx fd; tkr gA

'krkoj ¼,Lijxl j lhek l l½

;g cgo"kh; ik/kk yrk d : i e 1500 ehVj rd dh Åpkb e ik;k tkrk gA bldh yrk 15 l 2 ehVj rd yEch gkrh gA 'krkoj dh ik/k dk eb ekg e ik/k'kkyk e ck;k tkrk gA ik/k'kkyk e tc ik/k 8&10 leh dh gk tkrh g rc bl [krk e jkik tkrk gA ik/k l ik/k dh njh 60 X 60 leh j[kh tkrh gA 12 l 18 ekg ckn tc jkfir ik/k ihy iMu yx] rc bldh ekly tMk dk [kkndj fudky yr gA fudky x; ekly tMk dk gYdh /ki e l [kk;k tkrk g] tk fd vk"kf/k d : i e ç;kx gkr gA

gYnh $\frac{1}{2}$ djdek MkefLVd $\frac{1}{2}$

gYnh ,d o"kh; 'kkdh; ik/kk gA bldk vnjd dh rjg tyok; iIn gA
gYnh dk xUuk] fep] l;k t] yglu] eDdk vkfn Qlyk d lkFk Qly pØ e ck;k
tkrk gA gYnh vke] yhph vkj dVgy d iMk d chip Hkh mxk;h tkrh gA gYnh dk
dnk l mxk;k tkrk gA gYnh dh ckvkb 15 eb l 30 tu d chip dh tkrh gA jkikb
d le; drkj l drkj dh njh 30 leh rFkk dn l dn dh njh 20 leh j[kh tkrh
gA [kr dh ueh cuk; j[ku d fy, dnk dh ckvkb d ckn iRrk l <dk tkrk g
 $\frac{1}{2}$ efYpx $\frac{1}{2}$ A bld dn vk"kf/k d : i e ç; kx fd; tkr gA

vH;kI dju dh rkjh[k % -----

dkM % ikuh 2
ekg % vDVcj

vH;kI 21

?kjy ikuh d miHkkx dh eki

ifjp;

,d ifjokj e gj jkt fdruk ikuh bLreky gkrk g\ tkuoj fdruk ikuh ihr g\ lCth mxku d fy, fdruk ikuh bLreky fd;k tkrk g\ bl vH;kI e ge bu ifjek.kk dk vueku yxku dk ç;Ru d jxA bl d l kFk gh çfr ifjokj ikuh yku e fdruk le; yxrk g ;g Hkh fudkyxA

vko';drk,i

,d yhVj dk ekid & gj Vkyh d fy, ,d

dk;l fofèk

1- çR;d Vkyh viu l lEcfekr ifjokj d ikl tk,] ftul mlg d{kk 6 e tkM fn;k x;k FkA ifjokj d l nL;k l vujkek dj fd ml ikuh dh ek=k dk ekiu e gekjh l gk;rk d jA ft ruk o yx çfrfnu viu ?kj ykr gA

2- mul dfg, fd vkidk o cru fn[kk, ftue o ikuh ykr gA viu yhVj ekid l ekfi, fd mu cruk e fdruk ikuh vkrk gA çklr ek=kvk dk ;gk fyf[k, %&

cru dh fdLe ----- {kerk -----yhVj

cru dh fdLe ----- {kerk -----yhVj

cru dh fdLe ----- {kerk -----yhVj

3- vc ;g ekye dhft, fd vki ft l fnu ml ?kj e ikuh ekiu x, ml fnu ?kyy [kp d fy,] tkuojk dk ikuh fiyku d fy, vkj l fct;k dh flpkb d fy, ikuh yku d gj fdLe d cru fdruh ckj bLreky g,A

vkidk feyh lpuk dk fd l rjg vfdr fd;k tk, bl dk ,d mnkgj.k ;gk fn;k tk jgk gA eku yhft, vkidk crk;k tkrk g fd ?kj d bLreky %[kkuk idku] ihu] diM

vè;kiu ldr

;g vH;kI d{kk 6 e fofHkuu Vkyf;k dk fuekkfjr ifjokj d l kFk dj k,A vH;kI djku d ckn ckDI 21&1 i<kb,xkA

èkku vkj ugku½ d fy, 4 duLrj vkj 2 ckYVh ikuh yk;k tkrk g] duLrj vkj ckYVh dh {kerk Øe'k % 20 vkj 15 yhVj gA vr%

criu dh fdLe criu dh {kerk fdru: criu fdruk ikuh diy ikuh tk yk;k
¼yhVj½ ikuh vk;k yk;k x;k ¼yhVj½ x;k ¼yhVj½

duLrj 20 4 80 110
ckYVh 15 2 30

vkid nokjk çklr vkdMk dk vfdr dju d fy, rkfydk 21&1 cukb xb gA viu vkdM mle fyf[k, vkj viuk fglkc ijk nhft ,A

- 4- vc viu urhtk dk rkfydk 21&2 e LFkkukUrfjr dj nhft ,A viu urhtk dk ckdh Vkyf;k dk Hkh crk nhft , rkfd rkfydk ijh Hkjh tk l dA gj dkye dk ;kx vkj vklr fudky yhft ,A

rkfydk 21&1- xke vè;;u oky; fnu gekjh Vkyh l; lEcFuèkr ifjokj e; fofHkUu vko';drkvk; d fy, yk, x, ikuh dh ek=k %o"ki -----½

vko' ; drk ¼1½	criu dh fdLe ¼2½	criu dh {kerk ¼yhVj½ ¼3½	fdru: criu iku yk;k x;k ¼4½	fdruk ikuh yk;k x;k ¼dkye 3 x 4½ yhVj ¼5½	diy ikuh tk yk;k x;k ¼yhVj½ ¼6½
?kj d;					
bLrky					
d; fy,					
t kuojk;					
dk fi yku;					
d; fy,					
l fct ; k;					
d;					
fy,					
; kx	x x x	x x x			

rkfydk 21&2- vDVcj ekg eı çfr ifjokj ,d fnu eı fofHkUu vko';drkvk_k dı fy,
bLreky ikuh dh vki l r ek=k

Vkyh l i ; k ¼1½	l Ecflèkr ifjokj dı ef[k; k dk uke ¼2½	xke vè; ;u okyı fnu yk; k x; k i kuh ¼yhVj½			
		?kj dı bLreky dı fy, ¼3½	t kuojk _k dk fi ykuı dı fy, ¼4½	l fç t ; k _k dı fy, ¼5½	; kx ¼6½
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
; kx	x x x				
vki l r	x x x				

rkfydk 21&3] ty lkr dh vklr njh] ,d duLrj ikuh yku e yxk le; vkj gj
jkt yk, x, ikuh d duLrjki dh l[;k

Vkyh l[;k $\frac{1}{4}1\frac{1}{2}$	lEcfUèkr ifjokj d ef[k;k dk uke $\frac{1}{4}2\frac{1}{2}$	ty lkr dh njh] ehVj $\frac{1}{4}3\frac{1}{2}$	,d duLrj ikuh yku e yxk le;] feuV $\frac{1}{4}4\frac{1}{2}$	,d fnu e diy yk, x, duLrj iku dh l[;k $\frac{1}{4}5\frac{1}{2}$
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
;kx	xxx			
vk l r	xxx			

Vkyh I I Ecfuèkr ifjokj I fuEu tkudkfj;k y%

1- tk ikuh bLreky gk jgk g og dgk I yk;k tkrk g\ ty lkr dk uke crk,A

2- ty lkr ?kj I fdruh nj g\ ¼,d fdykehVj e yxHkx 2000 dne gkr g½ ,d cru ikuh yku e fdruk le; yxrk g\ ¼bl ç'u dk mRrj tkuu d fy, mI ifjokj I ,d duLrj y yhft, vkj le; o dne fxur g, ikuh ykb,¼A viu mRrj rkfydk 21&3 e fyf[k, ¼dkye 3 vkj 4¼A

3- ,d ifjokj dk gj jkt viuh t :jr dk ikuh yku e vklr fdruk le; yxrk g\ bldk mRrj tkuu d fy, rkfydk 21&1 d pkFk dkye d ;kx dk rkfydk 21&3 d dkye 5 e viuh Vkyh I[;k d lkeu fy[k y] ckn e lHkh Vkyf;k d lkFk vknku&çnku dj vklr fudky yA dkye 4 dh vklr I[;k dk dkye 5 dh vklr I[;k l x.kk dj nhft,A

4- I Ecfuèkr ?kj dk bLreky fd;k x;k ikuh dgk tkrk g\ ¼bLreky fd, x, ikuh dk eryc g ugku&èkku e bLreky fd;k x;k ikuh½

vè;kid d gLrk{kj -----

fnukd -----

ckDI 21&1

I fct ;k mxku d fy, bLreky gk pd ikuh dk
mi ;kx

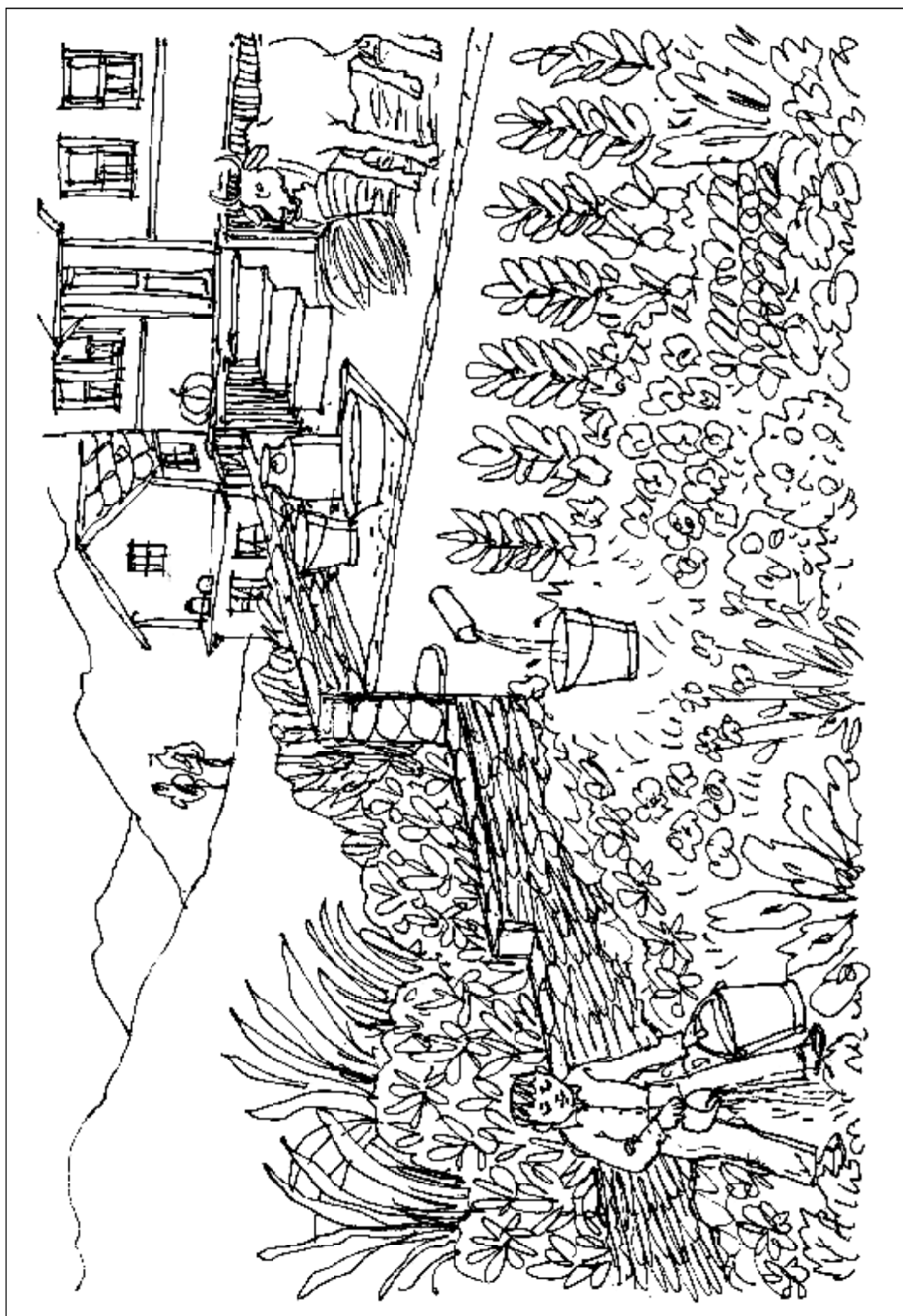
mRrjk[k.M d vfèdk'k xkok e ikuh dh deh gA bl dkj.k ykxk dk cgr nj&nj
I ikuh ykuk iMrk g D;kfd mud vkl&ikl d lkrk e dkQh ikuh ugh gkrk gA
xfe;k e tc lkrk dk çokg lcl de gk tkrk g rc ikuh dh nyHkrk vkj c< tkrh
gA

iku h dh bl nyHkrk dk mfpr çcuèk nokjk dN gn rd de fd;k tk ldrk gA
ge ?kj e bLreky gk pd ikuh dk iuh mi ;kx db txg dj ldr gA ugku vkj
èkykb e bLreky gvk ikuh fdlh cM cru e bdVBk dj l fct ;k dh flpkb e
bLreky fd;k tk ldrk gA ikuh bdVBk dju e ge FkkMh lkoèkkuh j[kuh pkfg,A
;fn ge viu diM cktkj e miyCèk Ñf=e lku o pj l èkkr g rc lku d ?kky
oky ikuh dk ge dgh nj Qd nuk pkfg, ml bdVBk ugh djuk pkfg, D;kfd ;g
iku h vkidh l fct ;k d fy, udlunk;d gk ldrk gA

çfrfnu ,d duLrj bdVBk fd;k ikuh vçy&eb d eghuk e yxHkx 10 ox eh-
rFkk tkmk d fnuk e yxHkx 20 ox eh- D;kfj;k dh flpkb d fy, i ;klr gkrk gA
bruh tehu e ge lky Hkj e yxHkx 20 fdxk l fct ;k ink dj ldr gA

;fn vkt dy ge l fct ;k dh D;kfj;k dh flpkb d fy, lkQ ikuh yk jg g rk
bl rjg l ikuh dk mfpr çcuèk dj ge viuuk le; Hkh cpk ldr g] ;k ge vkt dy
dh ryuk e fcuk ikuh <k, vfèkd l fct ;k mxk ldr gA

bLreky g, ikuh dk Bhd rjg bdVBk dju d fy, vxu e ugku èkku dh txg
iDdh gkuh pkfg,A rc ikuh iVkyk d chp l fjl dj tehu e ugh lk[kk tk,xkA
fQj bl ckYVh ;k duLrj e bdVBk fd;k tk ldrk g t lk fd vxy i"B d fp=
e fn[kk;k x;k gA ;g è;ku j[k fd ft l cru e vki ikuh bdVBk dj jg g ml gj
nlj&rh lj fnu lkQ Hkh dj y vU;Fkk ikuh e l cnc vku yxxh vkj ePNj Hkh gk
tk,xA



vH;kI 22

gekj xko d ty lkrk dk vè;;u

ifjp;

bl vH;kI dk mnn'; vè;;u xke d lHkh ty lkrk dh igpku djuk o mudk o.ku
djuk gA vki ;g Hkh o.ku dj fd çR;d lkr l ikuh dk mi;kx fdl fy, fd;k tkrk g
vkj ikuh dk mi;kx dju e D;k leL;k, gA

fodYi 1 ¼tgk çkdfrd ty lkr d,] ikrkyrkM d, vkj ugj g

dk;l fofèk

- 1- vè;;u xke d lHkh ty lkrk dh ,d lph cuk yA bl dke d fy, vkid vè;kid
çR;d Vkyh dk xko dk ,d fgLIk lkixA çR;d Vkyh viu lki x, {k= e tk,xh
vkj ml txg e ftru Hkh ty lkr gk mud uke lkeu d i"B e fy[k yA dvk
d lnHk e vxj dvk 0;fDrxr g rk d, d ekfyd dk uke fy[kA vkidh lph e
lHkh çdkj d d, ¼ft le l[k d, Hkh 'kkfey g] ugj] ufn;k] ljdkjh ikbi ykbu
vo'; gku pkfg,A vH;kI vkjEHk dju l igy lkeu i"B ij viu vè;;u xke dk
uD'kk cuk, ¼t lk uD'kk vkiu vH;kI 1 e cuk;½ vkj uD'k e çR;d ty lkr dk
fpgfur dj yA
- 2- xko d dgh chip e viu vè;kid d lKfk iu% ,d= gk tk,A lHkh Vky;k nokjk
cukb xb lfp;k dk feykj xko d ty lkrk dh ,d vfre lph cuk yA

vè;kiu ldr

;g vH;kI dju l igy ckDI 22&1] 22&2 i<k y ,o ckDI 17&2 dk iu% Lej.k
dj.k,A mÜkj[k.M d fofHku {k=k e ty lkrk dh fHkuurk gku d dkj.k bl vH;kI e nk
fodYi g] viu vè;;u xke d ty lkrk d vulkj fodYi puA

;fn vkid vè;;u xke d çkdfrd ty lkr d,] ikrkyrkM d, vkj ugj gk] rk
fodYi 1 puA

;fn vkid vè;;u xke d çkdfrd ty lkr uky vkj èkkj gk] rk fodYi 2 puA

[illegible]

3- vkid vè;kid çR;d Vkyh dk ,d ;k nk ty lkr lkixA vxj vkid vè;u xke
e 10 l de ty lkr g rc nk ;k nk l vfèd Vkyf; k dk ,d lkr lkixA vkidh
Vkyh dk lki x, ty lkr@lkrk dk uke rkfydk 22&2 e fy[ka

rkfydk 22&2- gekjh Vkyh dk lki x, ty lkrk d uke

Ø-l	ty lkr dk çdkj	ty lkr dk uke

- 4- vxj vkidk lki x, lkr 0;fDrxr g rk mud $\frac{1}{4}$ dvk] V;c oy vkj ikrkyrkM dvk $\frac{1}{2}$ ekfyd l fuEu ç'u iNA fn, x, [kkyh i"B e mud crk, g, tokck dk fy[kA $\frac{1}{4}$ d $\frac{1}{2}$;g lkr dc [kknk x;k\ $\frac{1}{4}$ [k $\frac{1}{2}$;g fdruk xgjk Fkk\ $\frac{1}{4}$ x $\frac{1}{2}$ D;k bl lkr dk vkj xgjk [kknk x;k\ dc\ $\frac{1}{4}$?k $\frac{1}{2}$ vc ;g lkr fdruk xgjk g\ $\frac{1}{4}$ 3 $\frac{1}{2}$ bl lkr l ikuh d l fudkyk tkrk g\ $\frac{1}{4}$ p $\frac{1}{2}$ lkr d ekfyd D;k lkr ikuh dk mi;kx Lo; gh djr g] ;k fd l h vU; dk Hkh bl d, dk ikuh nr g ;k fd l h ifjokj dk ;g ikuh cpr g\ $\frac{1}{4}$ N $\frac{1}{2}$ bl lkr dk ikuh fd l mi;kx e yk;k tkrk g\ $\frac{1}{4}$ t $\frac{1}{2}$ fiNy dN o"kk l D;k lkr l ikuh fudyu dh nj fLFkj cuh gb g\ vxj ugh rk D;k\ $\frac{1}{4}$ > $\frac{1}{2}$ vxj bl lkr d ikuh dk mi;kx flpkb d fy, fd;k tkrk g] viu uD'k e og {k= n'kk, ft l dh flpkb bl ikuh l dh tkrh gA $\frac{1}{4}$.k $\frac{1}{2}$ flfpr vkj vflfpr Hkfe e mxu okyh Qlyk e D;k dkb vrj gkrk gA og vrj D;k g\ $\frac{1}{4}$ V $\frac{1}{2}$ xko e D;k dkb , lkr {k= g] tgg tykØfr gk] dgk\ vxj bl tehu e dN mxrk g rk D;k mxrk g\
- 5- vxj vkidh Vkyh dk ljdkjh V;coy] ikrkyrkM dvk ;k ugj lki x;k g rk bl h rjg d ç'u vki xko d fd l h l ;ku 0;fDr l iNA ;g Hkh iN bl ikuh dk cVokjk ifjokjk d chp d l gkrk gA

6- vki d h Vky h dk I ki x, ty I kr d ckj e vki u ft ruh t kud kj h bd VB k dh g m l
I k Q & I k Q rkfy dk 22&3 e fy [kA

rkfy dk 22&3

ty I kr d k uke
ty I kr d k uke
ty I kr d k uke
ty I kr d k uke
ty I kr d k uke

7- bl vH;k l d vx dk dke Ldy dh d{kk e fd;k tk l drk gA ,d cM pKV iij e xko dk uD'kk cuk, vkj mle xko d l Hkh ty lkrk dk n'kk,A mle xko dk flfpr {k= dk n'kk,A , l k {k= t gk ugjk l flp kb dh tkrh g] ml n'kku d fy, vyx jx dh iu dk ç;kx djA

8- çR;d Vkyh nokjk Hkjh xb rkfydk 22&3 d vkekj ij xko d l Hkh ty lkrk ij d{kk e ppk dj vkj fQj rkfydk 22&4 ft ruh vPNh rjg l ijk dj l dr g djA

ç'u

1- D;k xko d dN dvk ;k V;c oy dk nckjk [kknk x;k\ vxj gk] rk xko d ty Lrj l ryu d ckj e ;g vkidk D;k crkrk g\

2- oreku e vkid vè;;u xke e Hkfexr ty Lrj yxHkx fd l xgjk b e gkxk\ bl dk dkj.k crk,A

3- D;k vki crk l dr g ikrkyrkM dvk l fcuk iEi fd, gh ikuh d l fudyrk g\ %bl dk mRrj ckDI 23&1 i<u d ckn nA½

4- D;k vkid vè;;u xke dh leLr tkr Hkfe flfpr gA ;fn ugh rk D;k\

rkfydk 22&4- xko dı lHkh ty lkrk dh tkudkjh

	dvk dh l[;k				ftu dvk dk nkckjk [kknk x;k mudh l[;k				oreku e dvk dh vklr xgjkb] ehVj	ftu dvk dk çokg de gk jgk g mudh l[;k
	30 o"k igy	20 o"k igy	10 o"k igy	oreku e	30 o"k igy	20 o"k igy	10 o"k igy	oreku e		
dvk										
V;coy										
ikrky rkM dvk										

5- vkid vè;;u xke e Qlyk dh flpkb d fy, tk ikuh Hkfe dk fn;k tkrk g] og ikuh dgk tkrk g\

6- D;k vkid xko e ikrkyrkM dvk l ikuh fudyu dh nj de gk jgh g] ;fn gk rk D;k\ %bl dk mRrj ckDI 23&1 i<u d ckn nA½

7- vxj vkid vè;;u xke e dkb tykØkfr {k= g rk bl çdkj dk {k= gku dk vki D;k dkj.k le>r g\ %ldr% D;k bl çdkj d {k= yxHkx 50 o"kk d Hkhrj gh cu gA½

8- vkid vè;;u xke e D;k dkb rkykc g\ bl rkykc l xko dk D;k ykHk g\

9- [krk e efYpx dju l Hkfexr ty Lrj ij dkb çHkko iMxk\ d l\

10- vkid vè;;u xke e Hkfexr ty dgk l vk jgk g\

11- D;k vkid vè;;u xke e ;k ogk d utnhd gh dkb NkVh unh g\ ;g unh dgk l
'k: gkrh g vkj dgk [kRe\

12- ;g unh xko d ty lryu e D;k Hkfedk fuHkkrh g\

13- D;k vkid vè;;u xke e ikuh ugj l vkrk g\ ;fn gk] rk ugj e ikuh dgk l vkrk
g\

vè;kid d gLrk{kj

fnukd

fodYi 2 ¼tgk çkdfrd ty lkr uky vkj èkkj gA½

ifjp;

gj xko e ikuh d dN lkr gkr gA bul ?kyy bLreky vkj Qlyk dh flpkb d fy,
ikuh çlkr gkrk gA bl vH;k l e ge vueku yxk,x fd vDVcj ekg e gekj ty lkrk dk
çokg fdruk gA bl ekg e lkr çokg vkerkj l vfèdre gkrk gA

vko';drk,i

1- ,d yhVj dk ekid & çR;d Vkyh d fy, ,d

dk;l fofèk

- 1- viu vè;;u xke d uD'k dh ,d ub çrfyfi lkeu [kkyh i"B ij cukb,A vH;k l
1 e vki xko dk ,d uD'kk cuk pd gA
- 2- bl uD'k e xko d lc ty lkrk dh fLFkr fn[kkb,A gj ,d d uke Hkh fy[k nhft,A
ty lkr db rjg d gk ldr g % ukyk] èkkj] uy] ;k ¼ft ldk lkr xko dh l jgn
d ckgj gk½ vkj unhA ;gk ge igy rhuk d ty çokg dh nj ekixA unh d çokg
dh eki fcuk vko';d midj.k ,o rdudh Kku d ge ugh dj ik,xA
- 3- vc gj lkr d ty çokg dh eki dfj,A vkid vè;kid bl dke d fy, çR;d Vkyh
dk ,d ty lkr lkixA unh dk NkMdj xko d gj ty lkr dh eki t:j guh
pkfg,A pkg dkb mld ikuh dk bLreky djrk gk ;k ughA

tgk ikuh fd l h èkkj l fudyrk gk ogk viuk yhVj ekid mld uhp yxkb, vkj
Kkr dhft, fd ml Hkju e fdruk le; yxrk gA eku yhft, og 15 ld.M e Hkj
tkrk gA çokg nj dk ekiu dh ekud bdkb gkrh g ByhVj çfr feuVp] blfy, ge
viu ^15 ld.M e ,d yhVj* oky vkdM dk ByhVj@feuVp e cnyuk gkxkA bl , l
fd;k tkrk gA

ty çokg] yhVj@feuV ¾ 60 lfdM ;k çfr feuV
eki dh çokg nj] lfdM e
,d yhVj Hkju d fy,

Åij fn, x, dfYir mnkgj.k e] çokg nj gkxh %

ty çokg nj] yhVj@feuV ¾ 60
15

** ** ¾ 4

vxj ty lkr e dkb èkkjk ugh g rk
vki feVvh dk ,d Nkvk ckèk cukdj
ikuh dk vLFkk;h rkj ij ,d èkkj l
fudkyu dk cnkLr dj ldr gA
,d iM d iRr l vLFkkb èkkjk vki kuh
l cuk;k tk ldrk gA



vxj çokg vfèkd g rk duLrj ;k
ckYVh dk bLreky djuk vR;fèkd
lfoèkk tud gkxA ge ekye g fd
,d cM duLrj e tc og ijk Hkjk
gk rc 20-7 yhVj ikuh vkrk g %ckD l
17&2 ^vk;ru dh eki*½ vxj ml
Hkju e] eku yhft,] 20 lfdM yxr
g rk çokg nj gkxh &

ty çokg nj] ¾ cru dh {kerk] yhVj@feuv ¾ yhVj x

60 lfdM ;k feuV
ekih xb çokg nj] lfdM
duLrj Hkju d fy,

** ¾ 20-7 x 60
20

** ¾ 62

vxj vki ckYVh ;k dkb vU; cru bLreky djr g rk igy mldh {kerk dk viuh
,d yhVj ekid l eki yhft ,A vxj ikuh dk uy gk rk doy ,d gh eki djuh gkxh
& xko d e[; forj.k Vd iJA vyx&vyx VkfV;k d çokg dk ekiuk vuko';d
vkj xyr gkxA ;g t:j dhft, fd e[; forj.k Vd e vku oky ikuh dk ekik
tk,A ¼,lk dju d fy, vkidk <Ddu [kkydj Hkhrj l ikuh yu dh t:jrk
ldrh gA½ dN ukyk ¼ lkrk½ e l ikuh ckgj ugh cgrk gA bu ukyk l fudyu oky
ikuh dk ukiu d fy, uky dh nhokj ij ikuh dh lrg dh Åpkb ij fu'kku yxk
nhft, vkj le; ukV dj yhft,A fQj ckYVh ;k duLrj ¼ft le fdruk ikuh vkrk
g ekye gk½ l db erck ikuh fudky yhft,A ikuh d ry dk iu% viuh fu'kku oky
txg ij vku dk le; ukV dj yhft,A mnkgj.k d fy, ekuk fd reu 4 ckYVh ikuh
fudkyk] gj ckYVh 15 yh dh gj ;k dy 60 yh ikuh fudkyk vkj ikuh dk iu% viuh
fu'kku rd Hkju e 30 feuV yxA lkr dh ty çokg nj gkxh %

lkr@uky dh
ty çokg nj
yhVj@feuv

¾ 60 yh
30 feuV ¾ 2

4- ;g ekye dhft, fd vkid lkr l vkt dy fdru ifjokj ikuh ykr gA ljdkjh forj.k Vd gk rk mldh lkjh VkfV;k l ft ru ifjokj ikuh yr g mUg fxfu,A è;ku jg fd ,l ifjokjk dk Hkh fXuuk g tk jgr rk nlj xkok e g] exj ikuh ml ty lkr l yr gk tk vkidk fn;k x;k gA viuk mRrj ;gk fyf[k, &

mRrj % ----- ifjokj

5- viu rF;k dk rkfydk 22&1 d ;Fkfpr dkye vkj ifDr e nt dfj,A rF;k dk vU; Vkyf;k l vknku&çnku dfj, rkfd rkfydk ijh Hkh tk l dA dkye 3 o 4 d ;kx fudkfy,A

mijkDr rjhdK l eb ekg e ty lkrk dh çokg nj Hkh fudkyh tk ldrh g] tc lkr çokg vkerkj l U;ure gkrk gA vDVcj e o eb ekg e ty lkrk dh çokg nj fudky dj] bu nk eghuk e lkr d çokg dh ryuk dh tk ldrh g vkj lkr dh fujrjrk ekye dh tk ldrh g ¼ckDI 22&2½A

rkfydk 22&1- vDVcj ekg e xko d l Hkh lkrk dh çokg nj

Vkyh l[;k ¼1½	ty lkr dk uke ¼2½	çokg nj yhVj@feuv ¼3½	iku bLreky dju oky ifjokjk dh l[;k ¼4½
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
;kx			

ukV % vxj xko e 10 l vfekd ty lkr g rk rkfydk 22&1 dk ,d vfrfjDr dkxt dk VdMk fpidk dj c<k yhft,A

x.kuk, j

- 1- vkid ty lkr l ftruk ikuh ,d fnu e fudyk mldh x.kuk, j dfj,A ;g dl fd;k tk, bl dk ,d ueuk ;gk fn;k tkrk gA eku yhft, fd vkid ty lkr dh çokg nj 4 yhVj çfr feuV g rc %

,d fnu e fudyk ikuh $\frac{3}{4}$ 4 yhVj çfr feuV x 60 feuV x 24 ?kV

$\frac{3}{4}$ 4 x 60 x 24

$\frac{3}{4}$ 5760 yhVj

vc viu ty lkr l çfrfnu fudyu oky ikuh dk ifjdyu dfj,A viu ifjdyu fn, x, [kkyh i"B ij nt dfj, vkj viuk mRrj ;gk fyf[k, &

mRrj % ----- yhVj çfr fnu

- 2- eku yhft, fd vkid ty lkr dh çokg nj ij vDVcj Hkj ,d lh jgrh gA rk og bl ekg e dy fdru yhVj ikuh nxk\ ,d fnu e fudy ikuh d vkdMk dk Åij x.kuk 1½ 31 l x.kk dhft, D;kfd vDVcj e 31 fnu gkr gA

mRrj % vDVcj ekg e ----- yhVj

- 3- Åij x.kuk 2 e tk mRrj vkidk feyk og ,d cgr cMh l [;k gA bl ?ku ehVj e cnfy,A ;kn jf[k, fd ,d ?ku ehVj e 1000 yhVj gkr gA

mRrj % vDVcj ekg e ----- ?ku ehVj

- 4- mijkDRk ¼1] 2 vkj ¾ x.kukvk dk xko d lc ty lkrk dk ;kx ¼rkfydk 22&1] dkye ¾ yr g, nkgjkb,A

mRrj % ----- yhVj çfr fnu

----- yhVj ij vDVcj ekg d fy,

----- ?ku ehVj ij vDVcj ekg d fy,

vè;kid d gLrk{kj -----

fnukd -----

ckDI 22&1

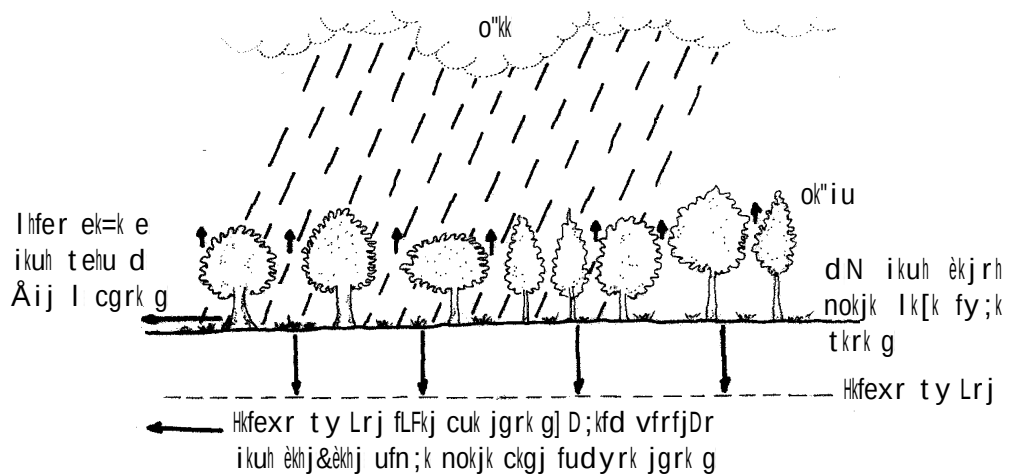
xke ifjr= e t y pØ&1- enkuh {k=

vH;kI 5 ^gekjk xke ifjr=* e geu n[kk ikuh gekj xke ifjr= dk egRoi.k
?kVd gA ge ikuh dh t:j r ihu] ?kjy dkek] tkuojk d fy,) gekj lCth d cxhp
d fy, vkj ;fn lEHko gk ldk rk Qlyk dh flpkb d fy, gkrh gA ge ;g egll
djuk pkfg, fd bu t:jrk dh ifr d fy, ge viu xke ifjr= d uktd ty
lryu e gLr{ki djr g vkj ;fn ge lkoèkku ugh g rk ge bl uktd lryu dk
fcxkM ldr g] bli gekj lkeu db fodV leL;k, vk tk,xh vkj xke ifjr= dh
mRikndrk Hkh fxj ldrh gA

bl ckDI e ge lh[kx] ikuh d dçcèk d dkj.k D;k leL;k, lkeu vkrh g] ;g
leL;k, D;k vkrh g vkj bu g d l jdk tk ldrk gA

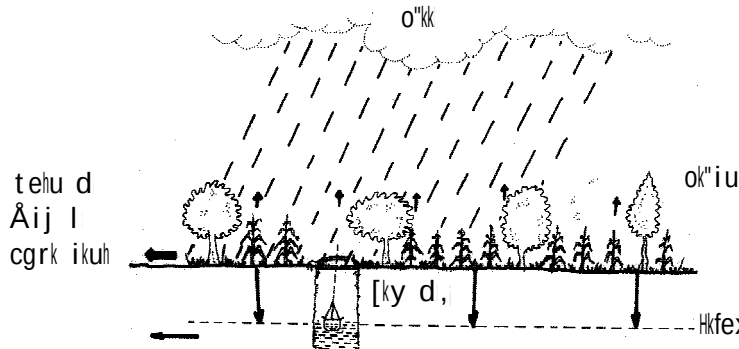
ckDI 4&1 vkiu i<k mle l[kohj flg dgr g ^gekj xko e d, l[k jg g*A ;g
ckr ijku [ky dvk o V;c oy nkuk d fy, gA xko e vc igy l de ikuh g ft l
dkj.k Qly mit de gkrh tk jgh gA tc V;c oy l[k tkr g rk yx ml vkj
xgjk [kknr g] yfdu dN o"kk e og fQj l l[k tkr gA ikuh d fy, dvk dk vfèkd
xgjk rd [knu e cgr ykx vkrh g vkj lHkh ifjokj ;g [kp ugh mBk ldr gA

d, D;k l[k jg g\ ;g le>u d fy, ge ;g tkuuk pkfg, fd xke ifjr= e
gekj fØ;kdyki fd l rjg ty pØ dk vlrfyr djr gA fp= 22&1&1 ge ;g
le>ku e enn djxkA



fp= 22&1&1v

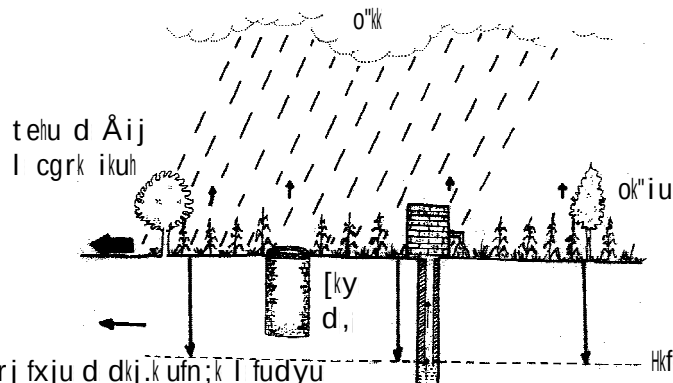
fp= 22&1&1v e ge n[kr g xko LFkfr gku l igy ty Lrj lrfyr FkA bl
 fLFfr e ikuh d vku vkj tku e lryu cuk jgrk g] ft l dkj.k Hkfexr ty Lrj
 fLFkj cuk jgrk g] ty Lrj u rk lrg d cgr utnhd gkrk g vkj u gh cgr xgjb
 eA



Hkfexr ty Lrj yxHkx fLFkj cuk jgrk g] vfrfjDr ikuh èkhj&èkhj ufn;k l ckjg fudyrk jgrk gA
 fp= 22&1&1c

fp= 22&1&1c e xko clu d ckn Hkfexr ty Lrj dh fLFfr dk n'kkrk gA 'k:
 e yx d, cuk;k djr Fk vkj Lo; gkFk l ;k i'k nokjk ikuh fudkyk djr FkA bl
 ikuh dk mi; kx o iuh] ?kjj dkek] i'kvk d fy, vkj lft; k mxku e djr FkA cM
 ieku ij Qlyk dh flpkb djuk lEHko ugh FkA ;g Hkh è;ku n] bl le; igy dh
 vi{kk Hkfe lrg l vfèd ikuh dk cgko gkrk FkA D; kfd dN Hkfe e [krh gku yxh
 FkA ;n;fi ;g lHkh dkj.k Hkfexr ty Lrj dk cgr vfèd çHkfor ugh djr FkA
 db 'krkfCn;k l [krh dk ;g rjhdK lQyrkiod pyk vk jgk FkA l[k d o''kk dk
 NkMdj vkerkj ij ikuh dh dkb leL;k ugh gkrh FkA

tc gekj xko e fctyh vkj Mhty d iEi vk,] ykxk u V;c oy [kknu 'k:
 fd,A ;g yxHkx ml le; dh ckr gxh] tc vkid ekrk&firk vkidh me d gxkA
 vkerkj ij fctyh vkj Mhty d iEi vku ij cM ieku ij flpkb djuk lEHko gvka



Hkfexr ty Lrj fxju d dkj.k ufn;k l fudyu
 oky ikuh dh nj de gk tkrh gA

fp= 22&1&1l

fp= 22&1&1l e ge n[kr gA D;k gkrk g tc xko e cgr l V;c oy gk] vfèdk'k ikuh dk iEi nokjk lrg ij yk, tku d dkj.k ty Lrj fxju yxrk gA ft ruk ikuh fudkyk tkrk g] mldk cgr de Hkx iuñ fjldj Hkfexr tyLrj rd igprk g vkj vfèdk'k ikuh ok'ir gk tkrk gA Hkfexr ty Lrj dvk d ry l Hkh uhp gku d dkj.k o l [k tkr g vkj NKVh ufn;k Hkh l [k tkrh gA D;kfd Hkfexr ty dk Lrj unh d ry l cgr uhp pyk tkrk gA

vxj cgr lkj V;c oy cuk, tkr g vkj mul dkQh ikuh fudkyk tkrk g] rk Hkfexr ty Lrj vkj uhp pyk tkrk g rk bl l db V;c oy l [k tkr gA o ykx tk vii V;coy dk vkj vfèd xgjk [knu dk [kp ogu dj ldr g] V;c oy dk vkj xgjk rd [kknr g] tgd rd ikuh miyCek gk] yfdu dN le; ckn ; V;c oy nkckjk l [k tkr g] D;kfd ty Lrj yxrkj fxjrk tkrk gA ckdI gekjh leL;k dhv e ;gh l [kohj flg d dgu dk Hkh vFk g] tc o dgr g fd gekj xko d d, l [k jg gA ikrkyrkM: divk₁ ¼vkVh:tu oiy₂ dh leL;k

Hkfexr tyekx e mifLFkr ikuh gekj xko d ty pØ e Lor% gh çkÑfrd : i l ço'k ugh djrk gA blh dkj.k bl ckdI e vHkh rd geu bldk ftØ Hkh ugh fd;k gA xko e tgd ikrkyrkM d, cuk, x, g ;g ikuh Hkh ogk d ty pØ e ço'k djrk gA bl l dkb xHkhj leL;k ink ugh gkrh gA ;n;fi vc dN o"kk l ; d, Hkh l [ku yx g] D;kfd cgr l ikrkyrkM d, [kkn tk jg gA tc vfèd l vfèd ikrkyrkM d, ,lh txg cuk, tkr g ftudk ikuh dk lkr ,d gh gk] ,lh fLFkr e ikuh dk nkc de gk tkrk g bl dkj.k dvk dk ikuh de Hkh gk tkrk g ;k ikuh cguk cn gk tkrk gA

flpki d fy, ugjk nokjk yk, tk jg ikuh l vk jgh leL;k;

mRrjk[k.M d Hkcej vkj rjkb {k= d dN xkok e ugjk nokjk ikuh Hkh igpk;k tkrk gA ;g ikuh xxk] jkexk t l h cMh ufn;k l vkrk gA ;g ikuh xko dk çkÑfrd ty lkr ugh g vkj bl dkj.k xko d ty pØ d o.ku e vHkh rd bldk ftØ ugh fd;k x;kA V;c oy d ikuh dh rjg gh ugjk nokjk yk, x, ikuh l Qly dh T;knk vkj vPNh inkokj yuk lEHko gA yfdu dN xkok e ugjk nokjk yk, ikuh l flpki dju d dkj.k tykØkr dh leL;k ink gk xb gA ft ldk vFk g % Hkfexr ty Lrj Hkfe lrg l utnhd vk x;k gA ,lh fLFkr e èkku d vfrfjDr dkb nljh Qly ugh mxkb tk ldrh gA bld vykok dN xkok e tgd Hkfexr ty Lrj lrg d cgr utnhd ;k lrg ij vk x;k g ogk dh feVVh {kkjh; gku yxh gA tc ;g leL;k c< tk, rk bl feVVh e dkb Qly ugh mxkb tk ldrh gA

xke ifjr= e ty lryu dli cuk, j[k

, l xko tgg Hkfexr ty vR; fèkd ek=k e fudkyk tkrk g] ogk Hkfexr ty Lrj
fxj jgk g] ge ty fudkyu dh nj de djuh gkxhA tc V; coy gekj xko e vk,]
geu Tokj] cktjk vkj xg] frygu vkj nkyk d LFkku ij èkku vkj xUuk dh [krh
djuk 'k: fd;kA èkku vkj xUu e cgr vfèkd ikuh dh t:jr gkrh g] tcfid Tokj
vkj cktjk e flpkb dh dkb t:jr ugh gkrh g vkj xg lkeU; flpkb e [kc vPNk
mxrk gA frygu t l exQyh] ljlk vkj nky t l puk] evj] mMn vkj ex dk
cgr de ;k dkb flpkb dh t:jr ugh gkrh gA bld lKfk gh xUuk , lh Qly g
tk o"K Hkj mxrh g vkj Hkh"K.k xeh d fnuk e Hkh ble flpkb d fy, dkQh ikuh dh
t:jr gkrh gA

Hkfexr ty Lrj dk mld çkÑfrd Lrj ij iul yku d fy, ge èkku vkj xUuk
mxku dk {k= de djuk gkxk vkj ge viuh ikjifjd Qly mxk,A , lk dju l
iku h dh [kir de gkxh] ft l dkj.k de ikuh [khpuk iMxA vxj ge èkku gh mxku
pkgr g] rk ge èkku dh dN ikuh fdLe mxkuh pkfg,] ftUg gekj iot mxk;k djr
Fk] ¼;kn dj ckDI 5&1 gekjh leL;k dhV e l [kohj flg mu ikuh fdLe d cht
çklr djuk pkgr gA½ ; ikuh fdLe] ub NKVh fdLe dh vi{kk de ikuh e [kc
vPNh mxrh gA bld vfrfjDr ; fdLe vfèkd Hk l k ¼ioKy½ Hkh nrh g] ft l l gekjh
dEikLV dh ek=k Hkh c< ldrh g ¼ckDI 4&1 ^^iRFkj dh dYgkMh**½A

tgg ikrkyrkM d, l [k jg g ogk d fy, Hkh ;gh rjhdk mi;Dr gA fd l h {k=
e ikrkyrkM dvk dh lhfer l [;k gh ikuh dk vPNk çokg n ldrh gA

ugj nokjk vR; kfèkd flpkb d dkj.k vxj gekjh feVVh {kkjh; gk xb g] , lh
lLFkfr e ;g vko'; d g fd ge flpkb d fy, ikuh dh ek=k de dj n] , lk ge
viuh Qlyk e ifjoru nokjk gh dj ldr gA ge de xUuk mxk, yfdu , lh
ikjifjd Qly mxk,] ftue de ikuh dh vko'; drk gkrh gA

dPph ugj tk flpkb d fy, bLreky gkrh g] bu ugjk l ikuh fj l rk g vkj
iku h Hkfe nokjk lk[k fy;k tkrk g] ft l dkj.k m l {k= e iMu oky l Hkh xkok
dk Hkfexr ty Lrj c< tkrk gA ;g leL;k rHkh gy gk ldrh g] vxj ljdkj
ugjk dk iDdk dj vkj mudk mfpr j[kj[kko dJA iDdh ugjk nokjk dkQh gn
rd ikuh dk fj l uk de fd;k tk ldrk gA blh çdkj gekj [krk rd ikuh
igpu d fy, cuh ty forfj.kdk, Hkh iDdh gkuh pkfg,A bu ty exk dk iDdk
cukuk gekjh ftEenkjh gA

ckDI 22&2

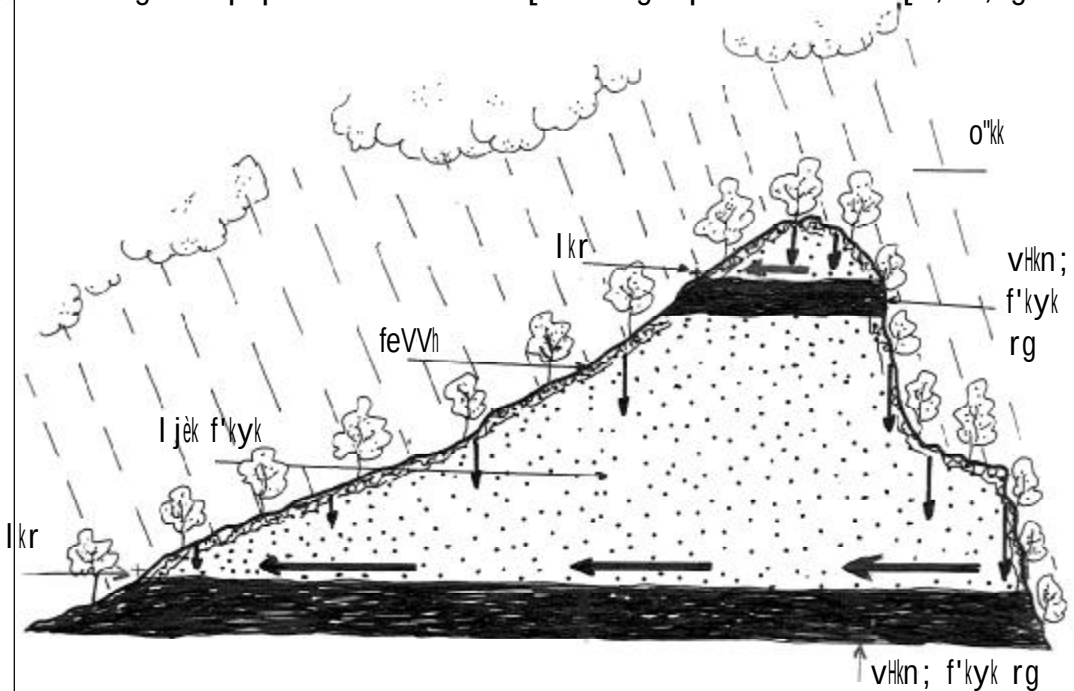
xke ifjr= e ty pØ&2- iorh; {k=

iorh; {k= d xkok e gekjh ikuh vfèdk'kr% ukyk] èkkjk ,o lk= l vkrk gA db xkok d ctx ykx crkr g fd ukyk] èkkjk vkj lk= l fudyu okyh ikuh dh ek=k ?kVrh tk jgh gA , lk D;k gk jgk g\ bldk mÙkj g fd ;gk Hkh çdfrd ty pØ dçcèk d dkj.k xMcMk;k gA ;g le>u d fy, ge igy ;g tkuuk gkxk fd ty lkr D;k gkrk g vkj bldh xke ifjr= d ty pØ e D;k Hkfedk gkrh gA

ty lkr D;k gkrk g\

ge lc tkur g fd ty lkr og txg g tgg l ikuh èkjr h l ckjg QVrk g yfdu ty lkrk d ckj e dN vkj Hkh loky g ftudk 'kk;n vkid ikl tokc u gkA èkjr h l ikuh [kl mlh txg D;k fudyk g] fd lh vkj txg l D;k ugh\ dN lkrk l vU; d edkcy vfèd ikuh D;k fudyk g\ dN lkr xfe;k e D;k l[k tkr g] tcf d n l j ugh l [kr\ vr e] cgr l lkr tk igy lky Hkj pyr Fk o vc xfe;k e l[k tkr gA ;g ckDI bu loky dk tokc <<u e enn djxkA

uhp fn, x, j [kkfp= e ,d igkMh dk chp l dkV dj fn[kk;k x;k g ft l l Hkfe dh lrg d uhp pVVuk dh cukoV fn[kkb xb gA fp= e nk lkr fn[kk, x, gA



ckfj'k dk ikuh Hkfe dh lrg e lk[k fy;k tkrk g vkj vxj dkQh ckfj'k gb rk og feVVh dh rg d uhp dh ljèk f'kyk e pyk tkrk gA

dN pVVku ljèk ugh gkrh vkj ikuh dk ugh lk[krhA tc uhp tkrk gvk ikuh ,lh rg ij igprk g rk og pVVku dh lrg d lkFk iFoh dh lrg dh vkj cgrk tkrk gA

çLrr fp= e Åij okyk ty lkr ,d lky e uhp oky lkr l de ikuh nxk D;kfd iFoh dk vk; ru ¼feVVh\$'kyk½ ft le ikuh Bgjxk] vi{kkÑr de gA lkFk gh] Åij oky lkr e lrg dk og {k= ft l l gkdj ikuh èkjr e lk[kk tk,xk] de gA

ekV rkj ij ge dg ldr g fd igkM ,d ty lp; Vd dk dke djrk gA ft ruk cMk Vd gkxk mruk gh vfèkd ty lkr e çokg gkxkA

fu'p; gh] fd lh ty lkr l fdruk ikuh fudyxk bl fuèkkfjr dju d vkj Hkh dkjd gkr gA de o"kk oky lky e gekj BVdkb e de ikuh tek gkxkA bl l Hkh T;knk egRoi.k ;g g fd ft ruh o"kk fxjrh g mle l fdruh tehu nokjk lk[kh tkrh gA ckDI 18&1 e geu n[kk Fkk fd tk igkMh <yku ?ku txyk l vkPNkfnr gkr g mu ij fxju okyh o"kk dk dkQh cMk çfr'kr tehu l lk[kk tkrk gA tgk ik"kd {k= e pjkb gkrh g ;k vx xyrh g ogk o"kk d ty dk de çfr'kr lk[kk tkrk gA

cgr l xko d ty lkr tk igy lky Hkj pyr Fk vc xfe;k e l[k tkr gA bl dk e[; dkj.k ;g g fd Hkfe&vkPNkfnr {k= ¼gj iM vkj l[k iM d iR½ dk pjkb vkj vx u u"V dj fn;k gA ,l ik"kd {k= ij fxju oky vfèkdrj o"kk dk ty lrg ij l cg dj xèjk e pyk tkrk gA bl rjg l ty lkrk dk ikuh nu oky ^Vd* cj lkr e ugh HkjrA xfe;k e o l[k tkr gA

;kn jf[k, fd gekjk ik"kd {k= ink djrk g pkjk] ydMh vkj ikuhA yfdu og ;g lc vfèkd ek=k e rHkh ink dj ldrk g tc og pjkb vkj vx l ljf[kr vkj ?ku iM l vkPNkfnr gA

pkeh xko d ty lkr

xkèkh b.Vj dkyt iuokuky] vYekMk dh uoh d{kk ¼o"k 1989 e½ d fon;kfFk;k u fudVorh pkeh xko d lHkh ty lkrk d ty çokg dh eki dhA mUgu ;g eki ij ,d lky gj egu e fd;kA flrEcj 1989 l 'k: dj d ;g dke fon;kfFk;k u vxLr 1990 e ijk fd;kA mUgu gj ty lkr dh ty çokg nj dk yhVj çfr feuV e ifjdyu fd;kA

vkb, rhu lkrk d mud ifj.kkek dk n[k %

t y çokg] yhVj@feuV

ekg	Mkc: ukyk	vxjV kuk rYyk ukyk	èdkV ukyk
fl rEcj	10-0	2-0	2-5
vDVcj	6-0	1-0	1-5
uoEcj	3-5	1-0	1-5
fn lEcj	2-5	0-5	1-5
t uojh	2-5	0-5	1-0
Qjoj h	2-0	0-5	1-0
ekp	1-5	0-5	&
vçy	1-0	0-5	&
eb	1-0	0-5	&
t u	1-5	0-5	&
t ykb	1-5	1-0	&
vxLr	6-0	1-5	&

bu rhu ty lkrk d vkdMk dk n[ku ij igyh ckr tk ge ikr g og g çokg dk ifjek.kA Mkc ukyk dk çokg lky d lc eghuk e ckdh nk l vfèkd gA ge bl fu"d" k ij igp ldr g fd 'kk;n bl uky dk lp; ^Vd* ckdh nk l cMk gA

bu vkdMk l nljh ckr tk ge irk pyrh g og ;g fd lc lkr fujrjrk e cjkcy ugh gkrA fujrjrk dh ifjHkk"kk g ßeb eghe dk çokg vDVcj d çokg d çfr'kr d : i ebA bl çdkj] Mkc ukyk d fy, fujrjrk g %

fujrjrk $\frac{3}{4}$ 1-0@6-0 x 100 $\frac{3}{4}$ 17 çfr'kr

vxjV kuk rYyk ukyk dh fujrjrk g 50 çfr'krA èdkV ukyk dh 'ku; A ge ;g dg ldr g fd vxjV kuk rYyk ukyk vi u lkj ikuh dk nk dh vi{kk vfèkd èkhj vkj bd lkj rkj l fudkyrk gA

dN lkrk d vkjk l vfèkd fujrj gku d nk dkj.k gk ldr gA vxj ml f'kyk
e ¼ftul ^lp; Vd* cuk gkrk g½ vud NkVh njkj ;k Nn gk rk lfpr ikuh ml
fLFkfr dh vi{kk vfèkd èkhj fudyxk ft le cMh njkj gkA

nljk dkj.k ;g g fd dN fLFkfr;k e ,lk gk ldrk g fd èkjr h e lk[kk tku
okyk ikuh ,d uky e nlj l de gk ft ld dkj.k mldk ^Vd* ijh rjg u Hkj ik,A
bldk dkj.k ;g gk ldrk g fd ik"kd {k= e iM vkj Hkfe vkPNknu de gA

ckDI 22&3

xke ifjr= e ty pØ&3- iorh; {k=

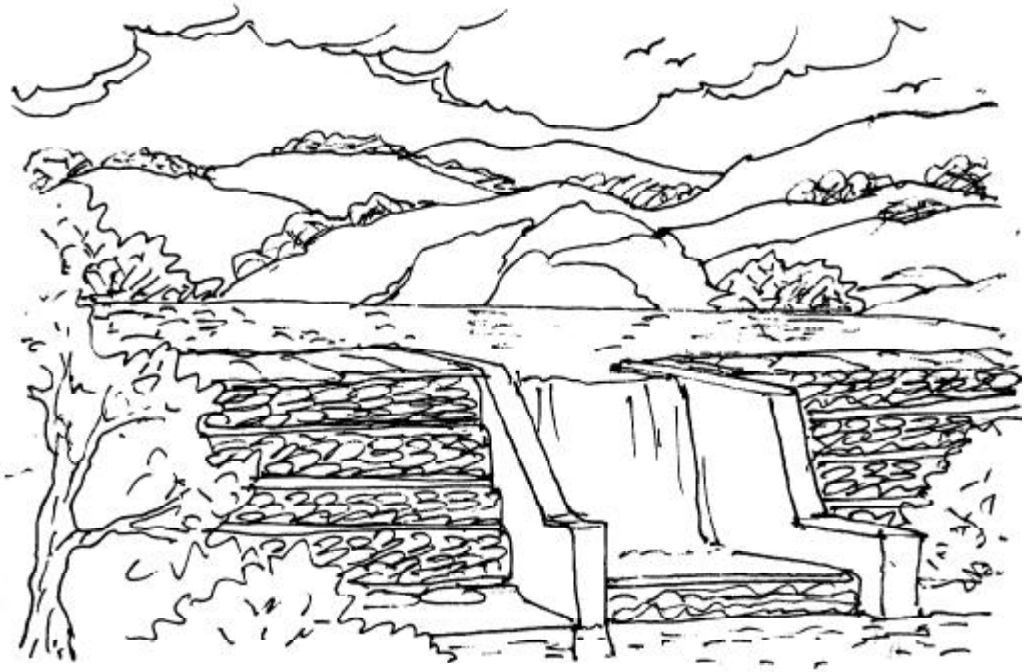
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doy o"kk _r e gh ;g cgrh Fkh vkj vU; eghuk e I[kh jgrh FkhA 'kk;n gh ;gk
fdlh dk ;kn gk] tc ;g lky Hkj ckg djrh Fkh] yfdu 1994 e bl unh e fQj I
thou ykV vk; kA ;g ty xg.k {k= e iMu oky xkok d ykxk dh 15 o"kk dh dMh
egur d ifj.kke Lo: i lEHko gvkA bl dke d fy, mUg çj.kk ,o enn LFkkuh;
LofPnd lLFkk ^r#.k Hkkjr l?k* l feyh FkhA

vjkoyh ior J[kyk fgeky; dh ryuk e cgr NkVh gA ; cgr ijku ior g]
yk[kk o"kk I gk jg çkÑfrd {kj.k d dkj.k ; igkfM;k NkVh gk xb gA NkVh&NkVh
igkfM;k pkMh ?kkfV;k e ifjofr r ¼vUr¼xfHkr½ gk xb gA ;gk mRrjk[k.M dh vi{kk
vkèkh I Hkh de o"kk gkrh gA db o"k igy ; igkfM;k vkj ?kkfV;k txyk I <dh FkhA
txyk d dkj.k èkjrnh nokjk o"kk d ikuh dk ,d cMk Hkkx l[k fy;k tkrk Fkk vkj
lkrk d : i e ;g fQj l fudykr FkA ; çkÑfrd lkr NkVh ufn;k dk tUe nr vkj
, l h gh db NkVh&NkVh ufn;k] èkkjk, , d&n l j e foy; dj vokjh t l h unh dk
fuek.k djrh FkhA

gtjkj o"k io tc ykx bl {k= e clu vk,] mUgku viu xko èkkjkvk vkj ufn;k
d lehi cuk,A ?kjj dke d fy, vkj tkuojk dk fiyku d vfrfjDr dN ikuh dk
mi;kx Qlyk dh flpkb e djr FkA tc dgh lehi e unh ;k èkkj ugh Fk rk ;gk
ykx Hkfexr ikuh d fy, d, [kknr FkA

o{kk d dVku ,o ikyr tkuojk dh pjkb ,o vx d dkj.k txy dh ek=k Hkh de
gku yxhA ft l dkj.k èkjrnh nokjk de ikuh l[kkk tku yxk vkj unh ,o èkkj I[k
x,A d, Hkh I[k x,A ikuh dk lp; djuk ykxk d fy, cgr dfBu gk x;kA mudh
Qly cckn gk xb] mud tkuojk d fy, pjkk] ikuh ugh FkA ;gk rd fd dHkh&dHkh
rk ihu d fy, Hkh i;kir ikuh ugh gkrk FkA mUgku viu xkok dk NkMuk 'k: fd;k]
o cM 'kgjk dh vkj x,] tgg ;fn o [k'kfdler jg rk dkb de oru dk dke ik
tkrA 'kgj e mudk thou xko dh vi{kk dN cgrj FkA dN ykx tk xko e jg x,
Fk] fQj l unh e thou d l yk,\ mu ykxk u eg l l fd;k fd ekuluh o"kk dk
vfèdk'k ty cg tkrk Fkk vkj vii lFk cgr lkjh mitkÅ feVVh Hkh y tkrkA
mUgku tgg o"kk ty fxjrk g ml ogh jkdu d ç;Ru fd,A bl d fy, fn[kk, x,

fp= d vul kj jkd ckèk cuk,A jkd ckèk d dkj.k o"kk dk ikuh tehu nokjk lk[kk
t ku yxkA èkhj&èkhj l[k ek le e Hkh lkr cgu yx vkj dvk e o"kk Hkj ikuh jgu yxk
rFkk èkhj&èkhj >juk o unh e Hkh thou vk x;k vkj ogk d fuokl ;k] tkuojk] Qlyk
d fy, i ;klr ikuh gk x;kA , l ifjokj tk 'kgjk dk x, Fk xkok dk oki l vku yxA



dy feyk dj vokjh {k= d xkeokfl ;k u 15]000 jkd ckèk cuk, ft le ,d 15 eh
pkMk 3 eh Åpk FkA l kjk dke Jenku l gv k FkA bl d lkFk gh ogk d yxk u ckèk
cuku d fy, dy udn èku dk ,d pkFkbb fgll k fn;k Fk vkj 'k" k ^r#.k Hkkjr l?k*
u vnk fd ;k FkA

okLro e l Hkh jkd ckèk u, ugh FkA db ijku VV ckèk Hkh Fk blfy, mudh ejfer
dh xBA yxk u egll fd ;k fd mud iot tur Fk fd fd l çdkj o"kk d ty dk
çcuèk fd ;k tkrk gA u tku D ;k ;g ikjEifjd Kku R ;kx fn ;k x ;k FkA

ogk d fuokl ;k u ;g Hkh egll fd ;k fd çHkkoh ty çcuèk dh t : jr mUg xke
ik"kd {k= d o"kkjki .k e gA doy jkd ckèk gh LFkbb gy ugh FkA mUgku l pk dN
o"kk e bu jkd ckèk d ihN {kfjr feVVh Hkj tk,xh vkj fQj ogk eku l uh o"kk dk ikuh
tek ugh gk l dxkA feVVh dk {kj .k jkdu d fy, mUgku iM yxku 'k : fd,] ft l l
o dN o"kk e pkjk] bèku ydMh vkj ikuh dh Hkh vfèkd ek=k çl r dj ik,xA

bl dgkuh dk vk[kjh igy g fd tc o"K Hkj unh cgu yxh] jktLFkku ljdkj u nkok fd;k fd unh ljdkj dh lEifrr gA 1990 e unh e eNfy;k Hkh vk xb %dN 50 leh ych vkj 5 fdxk otu rd cMh Fkh% ,d eNokj u eRL; foHkx l vokjh unh e eNyh idMu dh vuefr ekxh ml dh vuefr Lohdkj gk xb vkj flQ ml gh eNyh idMu dh vuefr FkhA yfdu ogk d ykxk u dgk fd unh vkj eNyh e mudk vfèdkj g] vkj o eNokj dk eNyh idMu ugh nxA ljdkjh depkj vkj ify l xko e vkb vkj mUg prkouh nh fd tk dkb Hkh eNokj dk eNyh idMu l jkdxk] ml fxj¶rkj fd;k tk,xkA ml ty xg.k {k= d lHkh ykxk u ljdkj d f[kykQ lR;kxg fd;kA vkf[kj e ljdkj u eNokj dk ijfeV jnn fd;kA ogk d fuokl h thr x, FkA

%;g dgkuh fjl tUl if=dk] u0 206] eb@tu 2001 d ,d y[k l yh xb g ft l fQj viu 'kCnk e 0;Dr fd;k x;k gA%

dN ç'u

- 1- vkiu dgkuh i<h] vki dl o.ku dx fd vokjh {k= e o{kkji.k vkj jkd ckèk d fuek.k l unh e thou vk;kA ty çokg fp= dk ç;kx djd le>kb,A
- 2- Hkkjr e gj txg ljdkj ;g nkok djrh g fd ikuh ljdkj dh lEifrr gA vokjh ty xg.k {k= d ykxk u bl etj ugh fd;kA vki D;k lpr g D;k o ykx lgh g\ D;k\
- 3- D;k dkb vU; lcd Hkh vki vokjh ty xg.k {k= d ykxk l lh[kr g\ vxj lh[kr g rk D;k\

vH;k l dju dh rkjh[k % -----

dkM % feVVh 2
ekg % uoEcj

vH;k l 23

Hkfe ik'o

ifjp;

viuh Hkfe dk ijh rjg tkuu d fy, ge Hkfe dh Åijh lrg ¼feVVh½ d uhp n[kuk
gkxkA Hkfe dh mRikndrk feVVh dh xgjkb ij fuHkj djrh gA iorh; {k= dh Hkfe e feVVh
dh ,d iryh ijr gkrh gA ft l d uhp dBkj pVVku gkrh gA rjkb vkj Hkfcj e feVVh cgr
xgjkb rd gkrh g] uhp dh dBkj pVVku ge fdruk Hkh [kkn ugh feyxhA fQj Hkh fo'k"kdj
Hkfcj e dN txgk e cM iRFkj feyr g ftud dkj.k tehu de mitkÅ gk tkrh g vkj
tkruk dfBu gk tkrk gA vfèd jr d d.k okyh feVVh ¼vH;k l 9 n[½ de jr d d.kk
okyh feVVh dh vi{kk de mitkÅ gkrh gA rjkb dh feVVh e jr d d.k de gkr g vkj
eghu d.k vfèd] blfy, vfèd mitkÅ gkrh gA xgj jx dh feVVh gYd jx dh feVVh
dh vi{kk de mitkÅ gkrh gA

bl vH;k l e ge viu LFkku dh Hkfe d uhp n[kxA

vè;k iu ldr

mÜkjk[k.M e Hkfe d uhp dh cukoV e fhkuurk, g] blfy, bud vè;;u dk rjhdK HkhA
;fn vkidk fon;ky; iorh; {k= e g rk fodYi ^v^ puA vkj ;fn vkidk fon;ky; enkuh
{k= e g rk fodYi ^c^ puA iorh; {k= e lMd dVko dk n[kuk lfoèkk tud jgxk tc
fd enkuh {k= e lkekU;r;k ,d xM<k [kknuk iMxkA pkMh ?kkVh oky {k=k ¼t l ckx'oj½
e Hkh xM<k [kknuk iMxkA

vH;k l dju l igy ckDI 23&1 l 23&5 dk i<k yhft ,A

fodYi ^v^ ¼ioirh; {k=½

vko'; drk,_i

ijh d{k d fy, fuEufyf[kr midj.k pkfg, ½

- 1- QkoMk & ,d
- 2- dVyh & nk
- 3- xrh & ,d
- 4- Qhrk 1-5 ehVj & ,d

dk;_i fofèk

- 1- le; cpku d fy, Ldy d ftru utnhd fey l d mru utnhd ,d lMd dVko dk pu yift ,A dVko xgjk gkuk pkfg, rkfd uhp dh pVVku dkQh xgjb rd n[kh tk l d] yfdu 2&3 ehVj l vfèk xgj dVko dk vè;;u djuk ef'dy gkrk gA iju dVko dh vi{k u;k dVko yuk vPNk gkxk D;kfd mle tk foLrr fujh{k.k ge djuk pkgr g og vfèk Li"V gkxkA l kFk gh] vxj dVko d Åij dk {k= vPNk ou gvk rk dVko dk feVWh okyk Hkx ½Hkfe ik'o fp=½ vfèk d i.k gkxkA mle l c rg n[ku dk feyxh & iRrh dh rg] 'kh" k Hkfe ,o voHkfeA gk l drk g {kfjr Hkfe e ifRr;k dh rg vkj 'kh" k Hkfe u gkA
- 2- vxj Hkfe ik'o ij ek l] ?kk l ;k >kfM;k mxh gk rk Åij dh pVVku dh lrg rd yxHkx 15 leh pkMh ,d [kMh dkV cukb,A bl l cMk vPNk Hkfe ik'o&fp= n[ku dk feyxkA
- 3- bl lMd dVko dk ,d l kQ&lFkj j [kkfp= l keu d i"B ij cukb,A vPNk gkxk fd vki igy ,d dkxt e dPpk j [kkdu dj y vkj fQj ml viu vè;kid dk fn[kku d ckn dk; ifLrdk e mldh lgh l kQ&lFkj çfrfyfi cuk,A
- 4- viu j [kkfp= e lMd dVko e ftruH Hkh rg fn[kkb iM mUg vPNh rjg uekfdr dj nhft ,A
- 5- gj rg dh ekVkb ukfi , vkj ml Hkh viu j [kkfp= e fyf[k,A
- 6- bl lMd dVko l fofHkUu rjg dh f'kykvk dk ,d&,d ueuk yu dk ç;Ru dhft ,A

ç'u

- 1- D;k vki Hkfe ik'o fp= e 'kh" k Hkfe dh ,d rg n[kr g\ vxj 'kh" k Hkfe g gh ugh ;k mldh ,d cgr iryh lh rg g] rk bldk D;k dkj.k gk ldrk g\

- 2- 'kh" k Hkfe dh rg voHkfe dh rg d edkcy e xgj jx dh D;k gkrh g\

- 3- D;k vki le>r g fd tk feVVh vki n[k jg g og ge'kk ;gk jgh g\ vxj ugh rk og dgk l vkb\

- 4- Hkfe ik'o fp= e D;k vkiu pVVkuk e ych lekukrj dkyh j[kk, ;k ifVV; k n[kh\ D;k vki crk ldr g fd pVVkuk e ; j[kk, ;k ifVV; k D;k gkrh g\

5- D;k vkidk bu pVVkuk e dkb njkj fn[kkb nrh g\ bu njkj d k D;k egRo g\ b l flyfly e vkidk de l de nk [kk l ckr crkuh pkfg,A ldr % D;k vki pVVkuk dh njkj e iMk dh tM n[kr g\

6- volknh vkj vkXu; pVVkuk e D;k vUrj g\

7- dk;kUrfrj pVVku d l curh g\

vè;kid d gLrk{kj

fnukd

vH;k l 22 d i ç'u 3 ,o 6 dk mRrj nuk u HkyA

fodYi ^c^ ¼rjkb. Hkkcj vkj iorh; {k= dh pkMh ?kkVh oky; {k=½

vko'; drk,;

1- xM<k [kkn u d fy, vktkj & xrh] QkoMk] [kih & 1

2- Qhrk & 1-5 eh & 1

dk; l fofèk

1- viu vè;; u xke e dkb lery Hkfe [kkft,] vxj lEHko gk rk , l h txg << tgg
ekuo vkj i'kvk d nokjk dkb udkjkRed çHkko u gvk gkA , l h txg u y] tgg
trkb dh xb gkA 1 eh pkMk] 1 eh yck vkj 1 eh xgjk xM<k [kknA xM< l fudyh
gb feVVh dk FkkMh nj e bdVBk djr jg] rkfd feVVh xM< e oki l u fxj tk, A
tk xM<k vki [kkn jg g mld fdudj l h èk gkA ;g , d cMk dk; gkxk blfy, bl
dke dk lHkh Vky; k , d l kFk feydj djxhA lHkh Vky; k feydj doy , d gh
xM<k [kknA tgg vki xM<k [kkn jg g ogk ij mx jg iMk vkj >kfM; k dk u"V u
djA tgg dgh ?kk l vkj tMh&cFV; k mx jgh gk mUg feVVh l fgr fudkydj vyx
j [k nA

2- fn, x, [kkyh i"B e feVVh dk ik'o fp= cukb, A vxj feVVh e vyx&vyx Lrj
fn[k jg g rk ml Li"V vfdr djA bu Lrjk dk Åijh lrg l ^v*] ^c*] ^l*] ^n*
vkfn l vfdr djA Hkfe e tk vkiu 1 eh xgjk xM<k [kknk g feVVh dh Åijh
cukoV ¼ekV] egghu d. k½ feVVh dh 'k"drk vkj ueh dk Hkh foj. k nA viu [kkn g,
xM< e ; fn vkidk dkb pVVku fn[k rk fo'k" : i l ml ukV dj fd fd l xgjk b
e vkidk pVVku fn[khA ¼vxj vkidk 1 eh xgjk xM<k [kkn u l igy gh pVVku
fn[k tkrh g] rk vkj xgjk xM<k u [kknA½ ; fn feVVh d l kFk g rk o fd l xgjk b
e g] bUg viu fp= e Li"V n'kk, A ; fn xM< d ik'o e dkb tM fn[k rk ml Hkh
n'kkuk u HkyA

3- vkiu xM< [kknr le; utnhd e tk feVVh bdVBk dh Fkh ml vc oki l xM< e
Mky nhft, A bld ckn feVVh l fgr fudky ikèkk dk ioor yxk nA

4- viu ekrk&firk vkj nknk&nknh l iN fd vkid xko e d, ¼gM iEi] V; c oy]
vkVhft; u oy½ fdru xgj gA mul ;g Hkh iN dvk [kknr le; D; k mUg dkb
pVVku feyh gA viuh lpuk uhp nh tk jgh mi; Dr txg ij fy[kA

d, dk çdkj

xgjk b ¼yxHkx½

----- eh

dvk [kknr le; dkb dBkj pVVku feyh] gk@ugh

vxj gk rk fd l xgjk b ij

----- eh

ç'u

- 1- mRRkj kpy d igkMh {k= e vfèkd k'kr ; k feVVh dh xgjkb cgr de gkrh g] dHkh&dHkh
25 leh l Hkh de xgjkb e dBkj pVVku fey tkrh gA ;fn vkid vè ; ;u xke dh
fLFkfr bl l vyx g rk fyf[k, bu nkuk e D;k vrj gA

- 2- bl vrj dk vki D;k dkj.k le>r g\

3- D;k vkidk viu vè;;u xke dh feVVh e cM vkj NkV iRFkj fey\ ; dgk I vk,
g\

4- vkid vè;;u xke dh feVVh dgk I vkb gkxh\

vè;kid d gLrk{kj -----

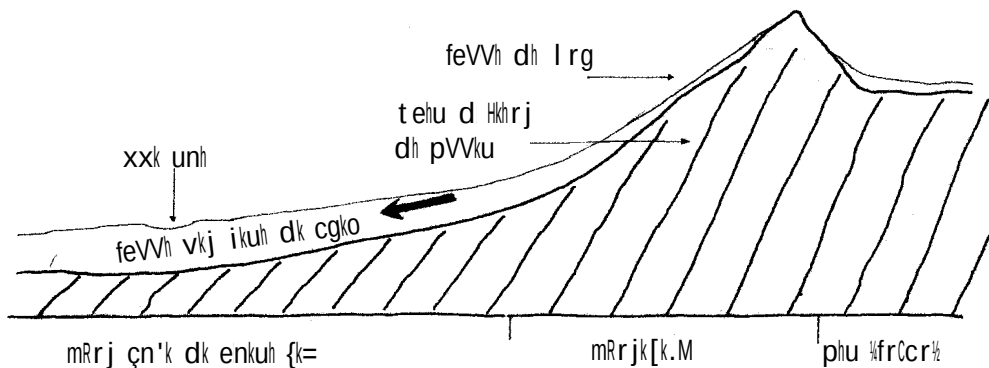
fnukd -----

ckDI 23&1

gekj: xko dh pVVku

ckDI 18&2 vkj 18&3 e vkiu i<k fd mRrjk[k.M d rjkb vkj Hkkcj {k= e feVVh vkj ikuh gekjh ufn;k nokjk igkMh {k= l ykb xb gA igkMk e feVVh dgk l vkb\ ckDI 23&1 l 23&4 bl ç'u dk mRrj nu e gekjh enn djxA

mRrjk[k.M d enkuh Hkkx e feVVh dh rg cgr ekVh g ;g feVVh igkMk l vkrh g vkj ;gk tek gk tkrh gA tehu d Hkhrj dh pVVku n[ku d fy, ge cgr xgjkb rd [kknuk gkxA mRrjk[k.M l vxk xxk d enkuh {k= e feVVh dh rg 1000 ehVj l Hkh T;knk ekVh gA uhp fn[kk;k x;k fp= bl ckr dk Li"V djrk gA

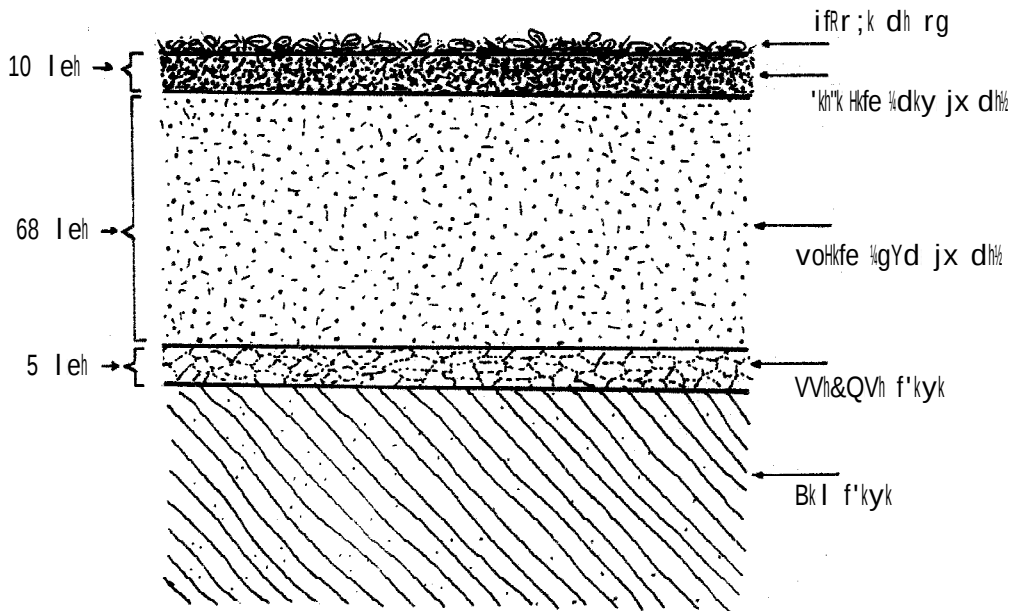


fp= 23&1&1

ioirh; {k= e: IMd dVko dk n[kuk

tc ge èkjr dh n[kr g rk ge le>r g fd og doy feVVh dh cuh gkxA yfduj feVVh rk èkjr d Åij cl ,d mFkyh&lh ir Hkj gkrh g vkj ckdh lkjh èkjr pVVkuk dh cuh gkrh gA igkMh bykdk e ge bl cgr vlikuh l n[k ldr gA Hkfe e tdk l feVVh gV tkrh g ogk pVVku gh fn[kkb nrh gA gekj xko d jkLrk e bl d mnkgj.k mu txgk e fey tkr g tdk lkjh feVVh cg xb gkrh g vkj uxh pVVku jg tkrh gA fd lh IMd dVko e feVVh d uhp dh pVVku dk vkj

vPNh rjg n[kk tk ldrk gA ;fn ge fdlh ?ku txy l xtj vkj jkLr e dkb dVko n[k rk og uhp fn[kk, fp= d leku gkxkA



fp= 23&1&2

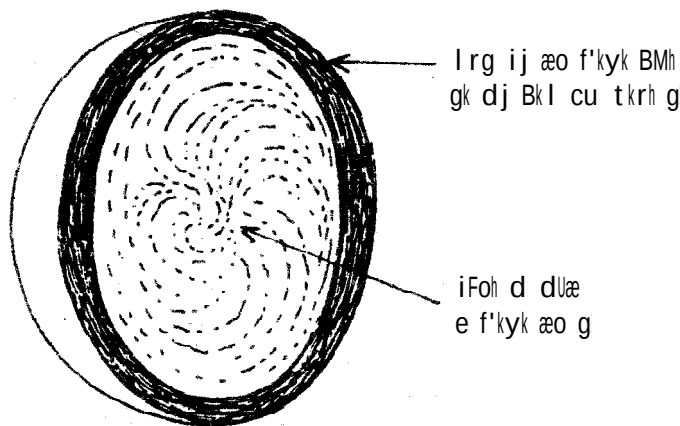
bl fp= e ge n[kr g fd dVko d lcl Åij d Hkx e dkyh feVVh dh ,d iVVh gA ;g IMh ifrR;k l cuh g;el d dkj.k dkyh gk tkrh gA bld uhp ge ,d vfkd ekVh feVVh dh rg n[kr g ft l voHkfe dgr g vkj ft le g;el ugh gkrhA %vki dk ;kn g fd feVVh D;k gkrh g % voHkfe dh rg d uhp ,d vkj iryh rg Vh&QVh pVVku dh gkrh g vkj fQj mld uhp gkrh g BkI pVVkuA gk] ;g t : j g fd cgr lh txgk ij ; pVVku ijh rjg BkI ;k lkr ugh gkrh vkj mle ych vkj ekV rkj ij lekukrj njkj gkrh gA ckDI 23&4 e vki lh[kx fd ; njkj D;k gk tkrh gA

IMd dVko e tk BkI pVVku dh rg ge n[kr g mld uhp Hkh pVVku gh gkrh g] tk Bhd iFoh d chp rd tkrh gA vly e iFoh ,d fo'kky f'kyk dh rjg gh g ft l ij lrg dh vkj Vh&QVh f'kyk, vkj feVVh dh ,d iryh ftYn gkrh gA

fp= 23&1&1 n'kkrk g fd Hkckj rjkb vkj xxk d enkuh {k= e feVVh dh rg cgr ekVh g yfdu bld uhp dBkj pVVku gA

gkykfd iFoh pVVkuk dh cuh gkrh g fQj Hkh ge ;g ugh le>uk pkfg, fd og gekjh tkuh igpkuh fd lh l kkkj.k f'kyk d ogr vkdkj dh rjg gA iFoh d Hkhrj cgr xeh gkrh gA bruk xje fd okLro e f'kyk Bkl ugh cfYd æo : i e gkrh gA ;g dYiuk djuk dfBu g fd l kkkj.k Bkl f'kyk æo : i e Hkh gk ldrh gA xM dh ,d Hkyh dk d<kb e xje dj rk og æo : i e vk tkrh gA , l fi?ky g, xM l vki vnkt yxk ldr g fd æfor pVVku d lh gkrh gkxhA

vxj ge iFoh dk ,d lc dh rjg chp e vkëkk dkV ldr vkj ml vnj n[k ikr rk dN , l k utj vkrkA



lrg ij æo f'kyk BMh
gk dj Bkl cu tkrh g

iFoh d dlæ
e f'kyk æo g

fp= 23&1&3

iFoh dk Åijh BMk] Bkl Hkkx yxHkx 40 fdeh ekVk gkrk gA ;g rg iFoh d 0; k l ¼12]666 fdeh½ dh ryuk e lc d fNyD dh rjg gA

;g ge dl ekye gkrk g fd iFoh vnj l xje gkrh g\ bldk ,d çek.k g & xje ikuh d lkrk dk gukj t l k fd cæhukFk efñj e gA tkMk e vki ogk xje Luku dj ldr gA dN lkrk l rk mcyrk ikuh vkj Hkki rd fudyrh gA

yfdu iFoh d Hkhrj vfëd xgjjb e rkieku mcyr ikuh l dgh vfëd gkrk gA ;g ge bl rjg ekye gkrk g fd dHkh&dHkh dN txgk ij æo f'kyk QV dj iFoh ry ij vk tkrh gA Åij vdkj , lh æo f'kyk ft l yok dgr g] BMh gkdj igkMk dk : i y yrh g ftUg Tokyke[kh ior dgr gA bl le; mRrjk[k.M e dkb Tokyke[kh igkM ugh gA çkphu dky e eè; vkj if'peh Hkkjr e cgr l Tokyke[kh ior FkA ij nf{k.kh iBkj dk {k= yok l cuk gA vkt dy Hkkjr e lfØ; Tokyke[kh doy vMeku nohi d ikl leæ e gA tkiku vkj bVyh t l dN n'kk e db , l Tokyke[kh ior g tk vkt dy Hkh lfØ; gA

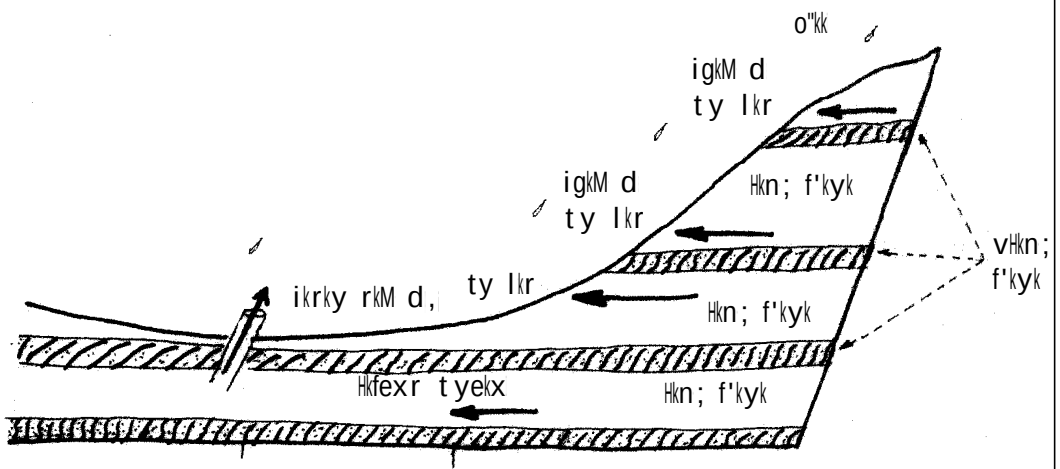
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mRrjk[k.M e lcl vfèd ik, tku okyh pVVku volknh pVVku dgykrh gA bl ykx ?kjk dh nhokj ,o Nr cuku e mi;kx e ykr gA ; vkXu; pVVku dh ryuk e uje gkrh g vkj df.kd : i e fn[kkb nrh gA lkekU;r;k jx e ; Hkjh ;k lyVh gkrh gA bue tk l[r fdLe dh gkrh g o edkuk dh Nrk vkj vkxu e yxkb tkrh gA uje fdLe okyh pVVku [krk dh nhokj cuku d dke e vkrh gA

,d rhlj fdLe dh pVVku tk mRrjk[k.M e feyrh g dk;kurfjr pVVku dgykrh gA vkXu; pVVku dh rjg ;g Hkh cgr l[r gkrh gA ;g 'kh'k d leku fn[kkb nrh g] lQn vkj xykch jx e ikb tkrh gA

Hkfexr ty çokg

igkMk e o"kk dk dN ikuh tk èkjrnh nokjk lk[k fy;k tkrk g m l dk dN fgLIk ukyk vkj èkkjk nokjk iu" çdV gkrk g vkj 'k"k èkjrnh d cgr uhp fLFkr tyekx e tk igprk g vkj enkuh {k= dh vkj cgu yxkrk gA igkMk e pVVkuk dh Hkhrjh cukoV d l h gkrh g ;g ge le> x, gA vc ge ;g le> ldr g fd Hkfexr ty çokg d l gkrk gA fp= 23&1&4 e dkYifud : i l ,d igkM dk cip l dkV dj fn[kk;k x;k gA



fp= 23&1&4

pVVkuk dh dN ijr ikuh dk vki ikuh l l k[k yrh g bUg Hkn; f'kyk, dgr g vkj dN ijr l ikuh ugh l k[kk tkrk g] bUg vHkn; f'kyk, dgr gA ¼igkMk e ?kjk dh Nr cuku d fy, vHkn; f'kykvk l cM&cM iRFkj ¼iVky½ fy, tkr gA tcfđ nhokj cuku d fy, Hkn; f'kykvk l iRFkj fy, tkr gA½ fp= 23&1&4 n'kkrk g fd l çdkj l o"kk dk ikuh èkjr e l k[kk tkrk g vkj Hkn; f'kykvk e tek gk tkrk gA ;g ikuh l hék gh uhp ugh tk l drk g D;kfd chp&chp e vHkn; f'kykvk dh ijr gkrh gA ikuh vHkn; f'kykvk d Åijh Lrj e cgrk g vkj ty lkrk ¼uky ;k èkkj½ d : i e ckgj fudyrk gA nljh rjQ Hkfexr tyekx nk vHkn; f'kykvk d chp Hkn; f'kyk e mifLFkr ikuh dk dgr gA bu f'kykvk d chp ikuh Hkj jgrk gA

t l k fd ge tkur g ikuh dh çofr Åij l uhp dh vkj cgu dh gkrh g ft l dkj.k bl ikuh e cgr nkc gkrk gA ;g Hkfexr tyekx cgr xgj gkr g vkj bl dkj.k ;g ikuh igkMk d ty lkrk l ckgj ugh fudyrk g] yfdu uhp enku dh vkj cgrk gA rjkb e db Hkfexr tyekx Hkfe lrg d cgr utnhd vk tkr g vkj ykx Åijh Hkn; f'kyk dh ijr e ljk[k cukdj bl ikuh dk fudkyr gA bl ikuh e cgr nkc gkrk g vkj bl dkj.k ikuh Lo; gh fudyu yxrk gA bUg ikrkyrkM d, ¼vfVtu oy½ dgr gA

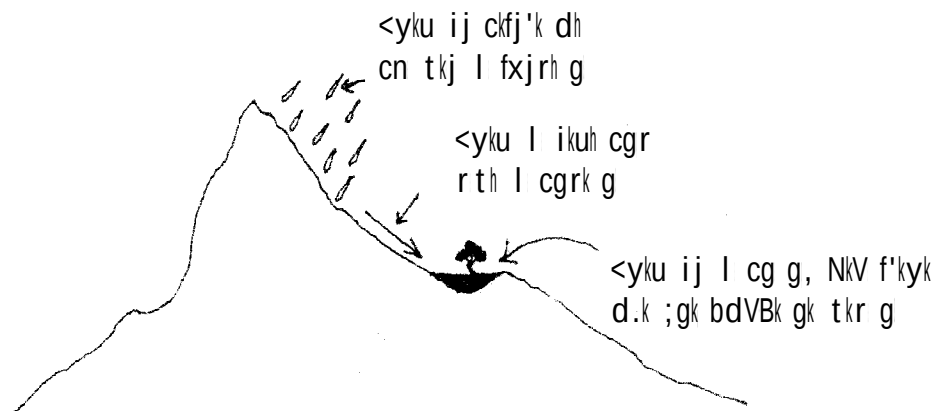
ckDI 23&2

feVVh dI curh g\

ckDI 18&3 e ge i<k pd g fd gekj vè; ;u xke dh feVVh igkMk I vkb gA vxj feVVh dk {kj.k igkM I enku dh vkj yxkrkj gkrk jgrk g] rk fQj ç'u ;g mBrk g fd igkMk I lkjh feVVh cg D;k ugh tkrh vkj ogk fIQ pVVku gh jguh pkfg,\ ;g lgh g fd feVVh dk cgko fujrj gkrk jgrk g yfdu bld lkFk gh feVVh dk fuek.k Hkh gkrk jgrk gA ub feVVh cg xb feVVh dk LFkku y yrh gA ;g ub feVVh dI curh g\ ckDI 23&1 e fn[kk, x, Hkfe d ik'o fp= dk nkckjk I n[k] mll vkidk dN ljkx feyxkA

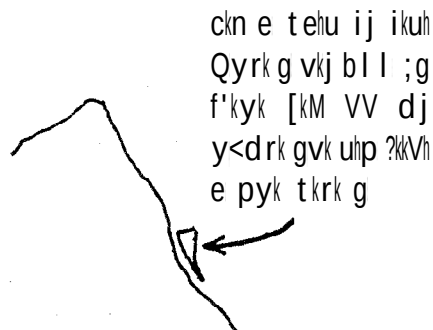
fp= 23&1&2 e geu n[kk Hkfe ik'o d Åijh flj ij °;el okyh feVVh dh ,d rg gkrh g ftI 'kh" Hkfe dgr gA mld uhp voHkfe dh ,d rg gkrh g ftI °;el ugh gkrhA bld uhp gkrh g & Vh&QVh f'kyk dh rg vkj mld Hkh uhp fQj Bkl f'kykA bll ge ;g fu"d"k fudkyr g fd voHkfe Bkl f'kyk d ,I NKV&NV d.kk e fo?kfVr gku I curh g tk feVVh dh fo'k"krk gA tI&tI 'kh" Hkfe lrg ij I {kfjr gkrh tkrh g uhp dh vkèkkj f'kyk I ub voHkfe curh tkrh gA gk] tc mle lrg d ikl iM&ikèkk d vo'k" ?kyfey tkr g rc voHkfe 'kh" Hkfe cu tkrh gA

vc ge ;g ekye djuk pkgr g fd Bkl f'kyk fdI rjg ,I NKV&NV d.kk e fo?kfVr gk tkrh g tk feVVh dh fo'k"krk gkrh gA cgr igy d ,d ,I le; dh dYiuk dhft, tc feVVh Fkh gh ugh vkj doy æo f'kyk : ih iFoh d BMk gku I iFoh dh Åijh lrg cuh FkhA uhp ,d uxh f'kyk oky igkMh <yku dh vkMh dkV dk n'; fn;k x;k gA



pVVkuh <ykuk ij pKV djr h cKfj 'k dh cn èkhj&èkhj VdM rKM nrh g tk fd cg
dj NkV&NkV xM<k e igp tkr gA bl çfØ;k l eVBh Hkj feVVh cuu e gtKjk
lky yx ldr gA fQj bu LFkkuk e dN ikèk mxu yxr gA

Åp igkMh <ykuk e tc ogk fgedkj h ek le gkrk g ikuh ,d vkj rjhd l f'kyk
Hk tu djr k gA



tc FkkMh feVVh cu tkrh g rc mle ikèk mxu yxr gA dN le; ckn ; ikèk [kn
Hkh Bkl f'kyk dk rKMuk 'k: dj nr g ft l l vkj feVVh curh gA iMk dh tM
f'kyk dh çkÑfrd njKjk l gkdj uhp dh vkèkkj f'kyk e ço'k dj yrh gA bl vkt
Hkh db lMd dVkok e n[kk ldrk gA t l&t l tM c<rh g og f'kyk dk [kfMr
djr h pyh tkrh gA l kFk gh tMk l dku&Mkb&vkDl kbM xl fudyrh gA dod]
thok.k] dhV vkj l{e tho&tUr tk feVVh e gh jgr g vkj dku&Mkb&vkDl kbM
xl ink djr g] tc o er ikèkk vkj er i'k ,o i'k ey dk vi?kfVr djr gA ;g
xl ikuh d l kFk feydj dkckfud vEy cukrh gA ;g vEy pVVku d uje fgLlk
dk ?kkyrk g ft l l NkV d.k fudy dj igy dh r ;kj gb feVVh e fey tkr gA
;g og çfØ;k g ft l l Hkfe ik'o e voHkfe d Bh d uhp okyh VVh&QVh f'kyk dh
rg curh gA

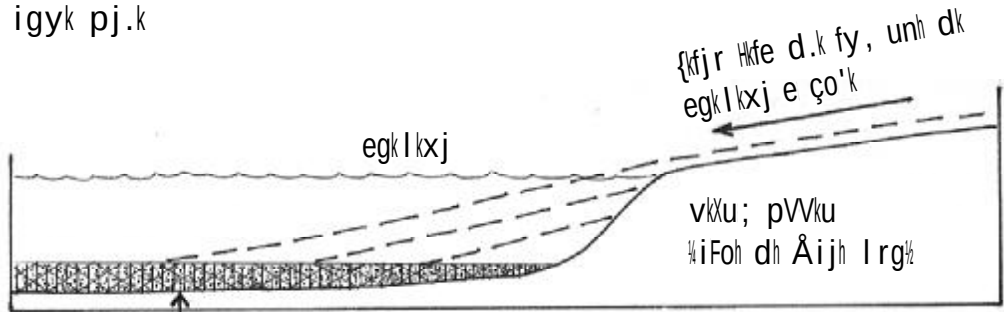
feVVh dk cuuk cgr èkhj&èkhj gkrk gA bl fd l h fo'k''k fofèk nokjk Kkr dj ikuk
dfBu gA yfdu dN vueku yxk, tk ldr gA eku yk fd l h l jf{kr ou {k= e
tgk feVVh dh rg 25 leh ekVh g ogk feVVh d {kj.k dh çkÑfrd nj 35
fdxk@,vj@o''k gA bl 25 leh d lp; d fy, ub feVVh d cuu dh nj çkÑfrd
{kj.k dh nj l FkkMh vfèkd gh gkxhA 'kk;n feVVh dh bl rg dh oreku ekVkb r ;kj
gku e gtKjk lky yx gkxA

ckDI 23&3

volknh pVVku

mRrjk[k.M d igkMh bykdk e ?kjk vkj [krk dh nhokj cukru e tk iRFkj bLreky fd;k tkrk gA o vfèdk'kr% volknh pVVkuk d gkr gA volknh dk vFk g fd ;g pVVku mI volkn ;k uUg d.kk I fufer gkrh g tk egklxjk d ry e cBr tkr gA vkidk vk'p; gkxk fd tk pVVku egklxjk d ry e cuh Fkh o xko e dgk I vk xb tk fd leæ I cgr gh nj vkj vfèd Åpkb ij Hkh gA bl ç'u dk mRrj vkidk bl ckDI vkj ckDI 23&4 e feyxkA

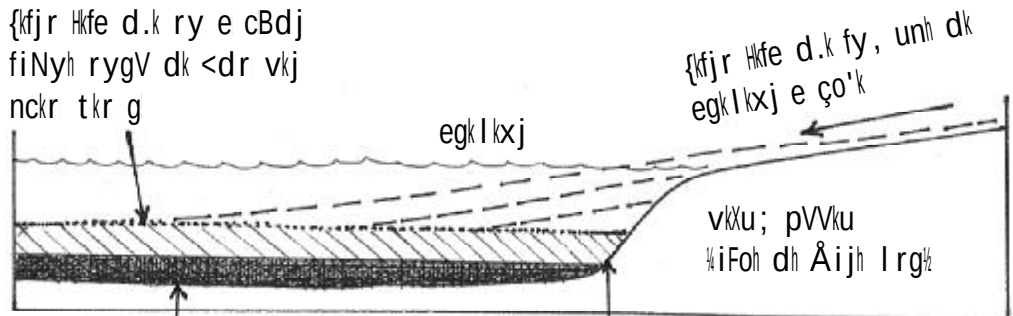
uhp nh xb j[kk Ñfr;k volknh f'kyk dI curh g bldk fp= çLrr djrh g igyk pj.k



{kfjr Hkfe d.k egklxj d ry e cB tkr g

nIjk pj.k

{kfjr Hkfe d.k ry e cBdj
fiNyh rygV dk <dr vkj
nckr tkr g



ijkuh ry?kV ncdj ijrnkj
f'kyk curh gA

ijkuh vkj ub ijr d
chp dh lhek

vkidk ;kn gkxk fd iFoh dh Åijh lrg vkXu; pVVkuk dh cuh gkrh gA ckDI
 23&2 e of.kr çfØ;k l feVVh cuh FkhA dN feVVh d d.k o"kk nokjk {kfjr gkdj
 ¼ckDI 18&1½ ufn;k vkj ukyk nokjk egklxjk rd y tk, x,A ;g çfØ;k djkmk
 lky rd pyr h jgh ft l d ifj.kkeLo:i g tkjk ehVj ekVh ryNVh ijr cu xBA
 vki dYiuk dj ldr g fd bl ryNV ;k volkn dk fdruk vfèd otu gkxk vkj
 uhp dh ijr dl nc dj pVVku cu tkrh gA volknh f'kyk e cuh xgjh j[kk,
 vyx&vyx le; d chp vk, ryNV dh lhek j[kk, gA

volknh f'kyk dh ,d çe[k fo'k"krk ;g gkrh g fd og n[ku e ,d leku ugh
 gkrh] cfyd lkQ rkj l vud iryh rgk l cuh gkrh gA volknh f'kyk dk [knku
 l fudkyu ij o ijr dh lhek e VV tkrh g ;k rkMh tk ldrh gA

çe[kr% feVVh d cM d.kk ¼t l jr d.k½ l cuh volknh pVVku dk cyvk iRFkj
 dgr gA egu feVVh d d.kk l cuh pVVku dk B'kyb dgr gA

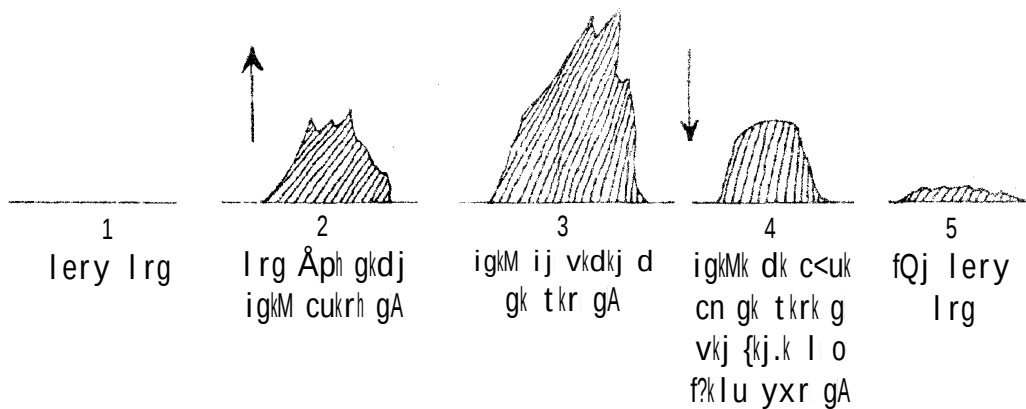
vkXu; pVVku dk çkFked pVVku dgk tkrk gA blh l og yrNV vkrk g
 ft l l volknh f'kyk curh gA blfy, volknh pVVkuk dk ^ekè;fed pVVku* dgr
 gA vkt dy gekj igkMk ij ; gh pVVku feVVh e ifjofrr gk jgh g] ft le l dN
 {kfjr gkdj vU; volknh pVVkuk d fy, ryNV ;k volkn miyCèk djg jgh gA
 feVVh d cuu] {kfjr gku vkj volknh pVVkuk d cuu dh çfØ;k dHkh #drh ughA
 vkt ge n[kr g fd lHkh ufn;k {kfjr feVVh d d.kk dk cgk y tkrh g] fo'k"k : i
 l cjlkr eA mnkgj.k d fy, xxk vklr 4 fdxk feVVh çfr ?ku ehVj ikuh cxky
 dh [kkMh e y tkrh gA gekjh utjk l nj volknh pVVku dh ekVh rg egklxj
 d ry e r;kj gk jgh gA

vc vki ;g tkuu dk mRld gkx fd egklxj dh ry e cuh pVVku vkt mu
 igkMk ij dl vk xBA bl ç'u d mRrj d fy, ckDI 23&4 nf[k,A

ckDI 23&4

fgeky; dk tUe vkj fodk l

viuh Hkxky dh ikB; iLrdk e ,d lcl vk'p; tud ckr vki ;g ik,x fd igkM iFoh d Hk&n'; d LFkk;h vx ugh gA o ink gkr gj c<r g vkj vr e o NkV gkr&gkr xk;c gk tkr gA bl ijh thou xkFkk dk ,l fn[kk;k tk ldrk g &

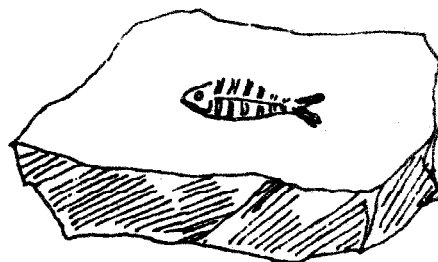


gk] ;g rk g fd bl lkj ?kVukøe dk n[k iku d fy, ge cgr ych me pkfg, & vly e 30 ;k 40 djkm o"n vkj fQj Hkh ,d ekuoh; thoudky e ge mUgh çfØ;kvk dk n[k ik,x tk gekj viu igkMk d cuu vkj fc[kju d fy, mRrjnk;h gA fgeky; dh pkfV;k dh Åpkb d fiNy yxHkx 30 o"kk e fd, x, ; FkkFk eki&t k[k fn[kkr g fd ; pkfV;k vklru 5&6 feeh çfro"n c< jgh gA çÑfrd Hk&{kj.k vkj Hk&L[kyu d dkj.k iork d {kfjr gku dh nj dk vueku yxHkx 0-2 feeh çfro"n g ¼;g 30 fdxx çfr ,vj çfro"n d Hk&{kj.k d cjkcj g¼A Hkfe d gekj dçcuèk d dkj.k vk t igkMk d {kfjr gku dh nj bu vdkMk l db xuk vfèkd g rk Hkh oreku e gekj igkMk d mBu dh xfr mud {kr gku dh vi{kk vfèkd gA

vkidk vk'p; gkxk ;g dl lEHko gvk fd mRrjk[k.M d igkM dh Hkfe dHkh leæ ry ij Fkh] t lk fd gekjh Hkxky dh ikB; iLrd crkrh gA bl dk okdb iDdk çek.k og volknh f'kyk g tk igkMh xko d pkjk vkj feyrh gA t lk fd ge n[k pd g ¼ckDI 23&3½ ; pVVku egklxj d ry e curh gA bl l Hkh vfèkd

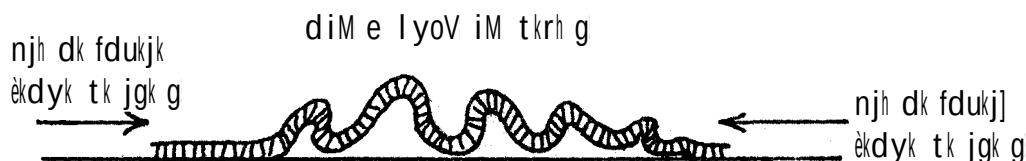
iDdk çek.k ;g g fd dHkh&dHkh igkMk dh ijrnkj pVVkuk e leæh tUrvk d
 thok'e feyr gA thok'e fdIh egklxj d ry e ryNV I <d er tkuoj d
 ddky ;k ouLifr d fu'kkuk dk dgr g tk ryNV d f'kyk cuu d nkju
 ifjff{kr cu jgr gA bld vykok vkt dy ,I uki&tk[k fd, tk ldr g ftul
 thok'e dh vk; dk irk yx Id ;k] nIj 'kCnk e] ;g fuf'pr fd;k tk Id fd
 og tkuoj fdru vI igy thfor FkKA

,d eNyh dk thok'e] tk egklxj e
 2-5 djKM o"K igy jgrh Fkh] ;g vc
 fgeky; dh ,d ijrnkj pVVku e
 feyk



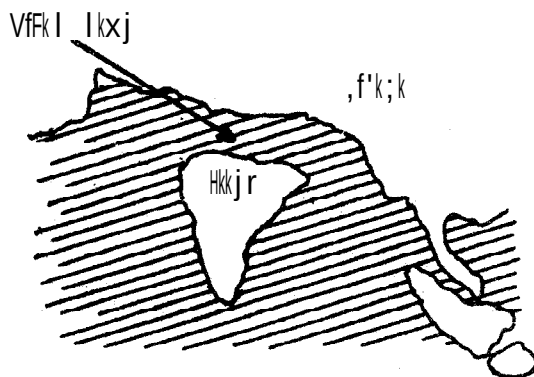
tehu dh lrg leæ ry I igkM dh pKVh rd g tkjk ehVj Åph dI mB vkrh
 g\ Li"V g fd iFoh d Hkhrj dkb ,d egku 'kfDr dke dj jgh gA tc mPprj
 d{kkvk e vki Hkxky i<x rk vkidk irk pyxk fd ;g 'kfDr;k dI ink gkrh g rFk
 bl ckj e oKkfudk d D;k fopkj g\

fgeky;] vKYil vkj dN vU; ior ^ekMnkj* ior dg tkr gA eryc ;g fd
 Hkfe dh Åijh ijr mI njh dh rjg %ekMnkj½ gk tkrh g ft I nkuk rjQ I nck fn;k
 x;k gk] tI &

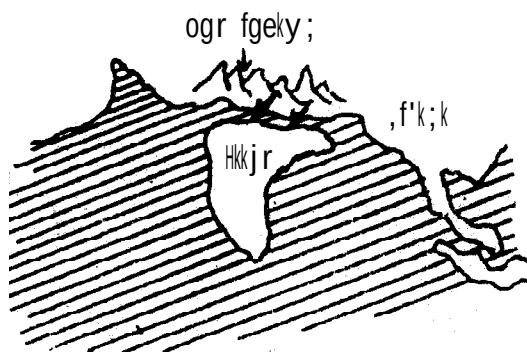


iFoh dh xgjkb;k e dN 'kfDr;k iFoh dh ,d iVVh dk nkuk Nkjk I nckrh g]
 ft I I og eMdj Åij mB tkrh gA

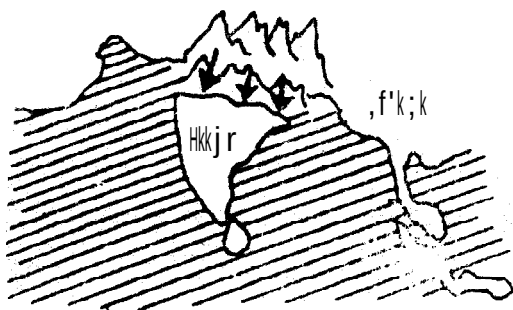
uhp dN fp= fn, x, g ftue ;g fn[kk;k x;k g fd ekV rkj ij fgeky; dh
mRifRr o fodkl fd l rjg gvk gkxk &



4 djKM o"K igy Hkkjr vkj ,f'k;k
egknohi dk egklxxj dh ,d Hk tk
vyx djrh Fkh ft l VfFk l lxxj dgk
tkrk gA



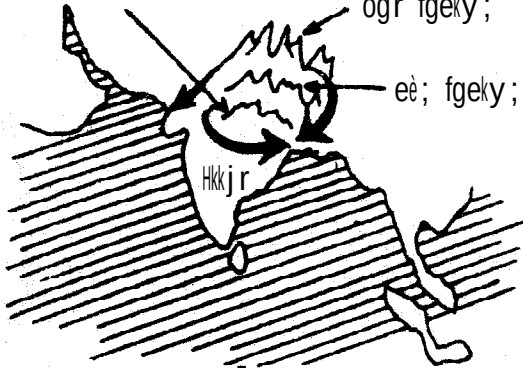
3-8 djKM o"K igy ogr fgeky; ior
ekyk Åij dk mBuh vkjEHk gb] iork
dh {kfjr feVh l VfFk l lxxj mFkyk
vkj rx gkr g, Hkj x;kA bl ryNV
l volknh pVvku cuhA



2-3 djKM lky igy ogr fgeky;
Ük[kyk vkj Åph gkrh xBA
ub ior Ük[kyk] eè; fgeky;] lxxj
l mBuh 'k: gbA egklxxj d ry
e cuh volknh pVvkuk dh rg vc
igKM dh pKVh ij vk xBA

eè; fgeky; d <ykuk ij Hkh {kj.k ; Hk&gkfu
gbA ;g feVh cgdj egklxxj e pyh xb] tgg
ml l vkj volknh f'kyk curh xBA

ckg; fgeky; vkj f'kokfyd



ogr fgeky;

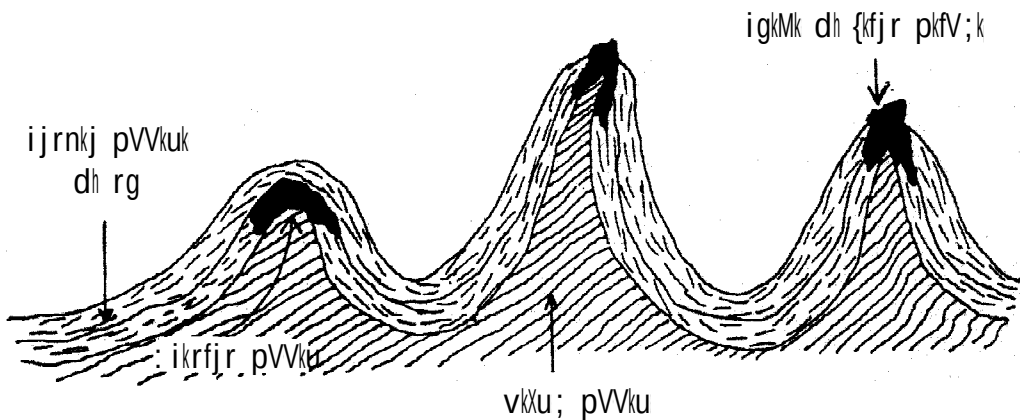
eè; fgeky;

Hkkj r

70 yk[k o"k igy l ogr fgeky; vkj
eè; fgeky; dk Åpk gkuk tkjh jgkA
y?k fgeky; Hkh Åij mBrk x;kA Hkkjr
vkj ,f'k;k vc ogr fgeky; Hk&Lrj ij
tM x,A
y?k fgeky; e ryNVh f'kyk g tk eè;
fgeky; l {kfjr feVh l cuhA

fgeky; l Hk&{kj.k tkjh g] {kj.k l mRiUu gb feVh
vc flèk] xxk vkj cgei= ufn;k nokjk fgUn egk l kxj
dk y tkb tkrh g %rhj d fu'kkuk nokjk çnf'kr%A

vxj ge viu igkMk dk Åij l uhp rd dkV dj [kky l dr rk ge fn[k tkrk
fd mUg ekMnkj ior D;k dgk tkrk gA



vol knh pVVkuk dh rg ,d njh dh rjg ekMnkj gA pkfV;k d fudV vol knh pVVku dh fupyh rg dk;kUrfjr pVVkuk e cnv xb gA bldk dkj.k ;g g fd tgk vol knh pVVku lcl vfèkd rhork l eMh gkrh g ogk ncko cgr vfèkd gkrk gA bli rkieku c< tkrk g vkj ncko o rkieku nkuk feydy vi{kkÑr uje vol knh pVVku dk l[r dk;kUrfjr pVVku e cnv nr gA

vol knh pVVku ijrnkj gkrh g %ckDI 23&3½ vkj ; ijr lMd d dVko e n[kh tk ldrh gA fuek.k d le; ; ijr ,d d Åij ,d rg d : i e gkrh gA yfdu lMd dVko e ge vfèkd'k ijr frjNh fn[kkb nrh gA bldk dkj.k iork d cuu dh çfØ;k e èkjr dh Åij dk mBuk g t l k fd Åij fp= e fn[kk;k x;k gA

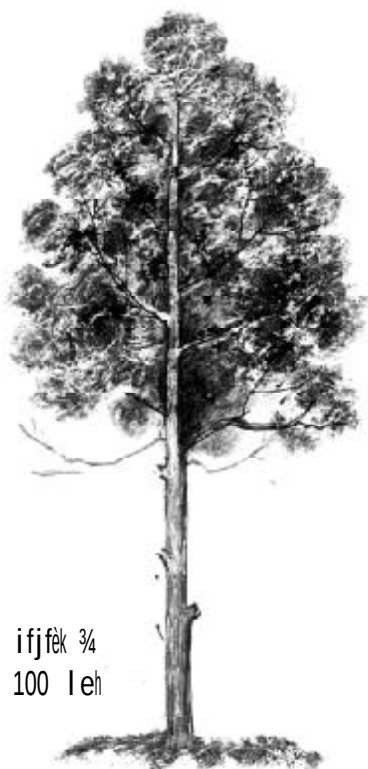
vkt Hkh fgeky; ior J[kyk, Åij mB jgh gA db djkm o"kk ckn ;g #d Hkh ldrh gA rc fujrj pyrk çkÑfrd {kj.k èkhj&èkhj mUg [kRe dj nxkA vkt tk feVVh igkMk l {kfjr gk jgh g og cgr nj Hkfo"; e vU; igkMk ij igp ldrh g] ,lk g iork d cuu vkj u"V gku dk egkpØ!

ckDI 23&5

ik"kd {k= Hkfe oxhjdj.k

ge lcu ;g n[kk g fd gekj xko d ik"kd {k= e dN txg , l h g tgk iM vU;
txgk dh vi{kk vfèkd rth l c<r g vkj vfèkd cM gkr gA bldk çe[k dkj.k g
feVvh dh xgjkbA tgk feVvh xgj h gkrh g ogk iMk dk vfèkd ik"kd rRo vkj ikuh
feyrk g] ft l l o rth l c<r gA uhp dh j[kkÑfr e feVvh dh xgjkb vkj phM
d iM dh c<r d lEcUèk dk fn[kk;k x;k gA

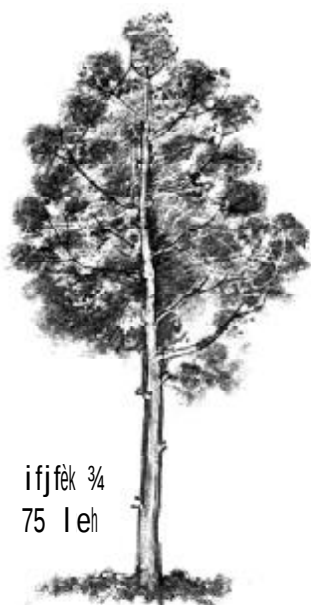
Åpkb ¾ 24 eh



ifjèk ¾
100 leh

feVvh dh xgjkb ¾
25 leh ;k vfèkd
çFke oxl dk LFky

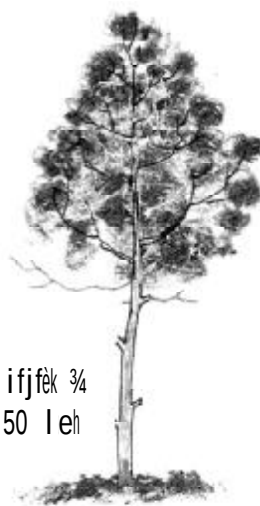
Åpkb ¾ 17 eh



ifjèk ¾
75 leh

feVvh dh xgjkb ¾
10&25 leh
n l j oxl dk LFky

Åpkb ¾ 13 eh



ifjèk ¾
50 leh

feVvh dh xgjkb ¾
10 leh l de
rh l j oxl dk LFky

; lc iM 50 lky ijku gA bu rF;k l ge irk pyr k g fd gekj ik"kd {k= e feVVh dh xgjkb dk bruk egRo D;k gA çFke ox dh Hkfe ij 50 lky e pHM d iM ge rhlj ox dh Hkfe l yxHkx pkj xuk vfèkd ydMh nxA

[kM <ykuk ij gYd <ykuk dh vi{kk feVVh dh xgjkb vkerkj l de gkrh g & nkuk ?ku txyk l vkPNkfnr gk rc HkhA bl dk dkj.k g Hk&{kj.k dh çÑfrd nj ¼ckDI 18&1 ^tc ckfj "k gkrh g* nf[k, ½ gYd <ykuk dh vi{kk [kM <ykuk ij vfèkd gkrh g yfdu ?ku ou e rhlj ox dk {k= cgr de gkrk gA vkt gekj xko d ik"kd {k= e ftruh Hkh rhlj ox dh Hkfe g og yxHkx lkjh Rofjr {kj.k dk ifj.kke g & ;kfu gekj Hkfe d xyr bLreky d dkj.k {kj.k e rth vkbA

ge pkg tk dN dj] dçcUèk ¼vfr dVkb] pjkb vkj vx½ d dkj.k tk Hkfe rhlj ox dh gk tkrh g ml fQj çFke ox e oki l ugh yk;k tk ldrkA feVVh dh xgjkb dk ,d leh c<u e l dMk o" k yxr gA vfèkd l vfèkd ge bruk gh dj ldr g fd viu rhlj ox dh Hkfe dk lçcUèk nokjk vkj vx Rofjr {kj.k l cpk, j[k & ;kfu pjkb vkj vx l cpkdj vkj iM yxkdjA ;g dgk tk ldrk g fd gekjh feVVh çÑfr dh ,lh nu g tk ge ,d ckj gh nh tkrh gA vxj ge mldk vi0; ; dj nr g rk og ge vkj ugh feyxhA

de l de vc rk ge è;ku nA

vH;kI 24

bèku dh [kir dk vkdyu

ifjp;

bl vH;kI e ge bèku dh tk ek=k fnIEcj e $\frac{1}{4}$ fn;k e $\frac{1}{2}$ gj jkt gekj vè; ;u xke e tykb tkrh g ml fudkyxA bld fy, ge ,d ifjokj e ,d fnu e tyk;k tkrk bèku rkyxA ;gk ge xke ifjr= l miyCèk bèku $\frac{1}{4}$ t l ydMh] dM vkj Qly vo'k"kk dk gh rkyxA

vko'; drk,;

dekuhinkj ryk] 50 fdxk] okyk & ,d] çR;d Vkyh ckjh&ckjh l bLreky djxhA
ckjk & çR;d Vkyh d fy, ,dA

dk;l fofèk

- 1- gj Vkyh viu lEcfeùkr ifjokj d ikl tk, $\frac{1}{4}$ tk ifjokj vkidk d{kk 6 e lkik x;k Fkkk
mul fuonu dj fd vkt ftruk bèku tyk;k tkuk g] ml ge rkyu d fy, n nA
- 2- gekjk l>ko g fd vki lEcfeùkr ifjokj dh efgyk l dg fd vkt og ftruk bèku tyku okyh g] ml fudky nA vkt ;fn o ,d l vfèkd fdLe dk bèku $\frac{1}{4}$ dM] ydMh] Qly vo'k"kk tyku okyh g rk o mudk vyx <j cuk nA vki mUg vyx&vyx rkyA dMk dk ckj e Hkj dj vkj ydMh rFkk Qly vo'k"kk dk xBBj cukdj rjt l rkfy,A è;ku j[k] dMk dk ckj e rkyu l igy ckj dk otu y y vkj ckjk lfg r dMk d otu l ckj dk otu ?Kvk yA

tk otu vkui fudkyk ml uhp nh xb txg e fyf[k,A

fnIEcj ekg e ,d fnu e tyk;k tkrk bèkuA

dM $\frac{3}{4}$ -----fdxk

ydMh $\frac{3}{4}$ -----fdxk

Qly vo'k"kk $\frac{3}{4}$ -----fdxk

- 3- fnIEcj ekg e ,d fnu e tyk; tku oky bèku dk tk otu fudyk ml rkfydk 24&1 e vfdr dhft ,A vU; Vky;k d lFk vkdMk dk vknku&çnku dj rkfydk i.k dhft ,A

vè;kiu ldr

vH;kI djku d ckn ckDI 24&1 i<k,A

rkfydk 24&1- fnlEcj ekg ei çfr ifjokj vyx&vyx çdkj di bèku dh vklr
nifud [kir

Vkyh l;[;k	lEcflèkr ifjokj di ef[k;k dk uke	vè;;u oky; fnu tyk;k x;k bèku] fdxk			
		dm	ydMh	Qly vo'k''k	;kx
1-					
2-					
3-					
4-					
5-					
6-					
7-					
8-					
9-					
10-					
dy					
vklr					

4- fnlEcj ekg e çfr ifjokj çfr fnu bèku dh vklr [kir ¼rkfydk 24&1 l ½

dM ¾ -----fdxk

ydmh ¾ -----fdxk

Qly vo'k" ¾ -----fdxk

dy ¾ -----fdxk

5- fnlEcj ¼lfn;k e½ ekg e çfr fnu ij xko dh bèku dh [kir tkuu d fy, çfr ifjokj çfrfnu vyx&vyx çdkj d bèku dh vklr [kir ¼Åij Øekd 4 l ½ dk xko d dy ifjokjk l x.kk dj yhft ,A

fnlEcj ekg e çfrfnu

ij xko dh bèku dh [kir] fdxk

çfr ifjokj çfrfnu

dMk dh vklr [kir] fdxk

xko d dy

x ifjokjk dh l [;k ¾ ----- fdxk

çfr ifjokj çfrfnu

ydmh dh vklr [kir] fdxk

x]] ¾ ----- fdxk

çfr ifjokj çfrfnu

Qly vo'k" dh vklr [kir]

x]] ¾ ----- fdxk

fdxk

dy

¾ ----- fdxk

ekle d vulkj bèku dh [kir e vrj gkrk gA lfn;k e xfe;k dh vi{kk bèku dh [kir vfèkd gkrh gA ft l rjg Åij crk, rjhdK l lfn;k e çfrfnu bèku dh [kir fudkyh] m l h rjg xfe;k e çfrfnu bèku dh [kir fudkyh tk l drh gA lnh vkj xeh d ifj.kkek dk vklr fudkydj xko e lky Hkj e çfrfnu blreky gb bèku dh vklr ek=k dk vkdyu dj ldr gA bl l [;k dk 365 l x.kk dj ij xko dk lky Hkj dk bèku dk [kir fudky ldr gA

uhp: fn, ç'uk d: mRrj viuh Vkyh l: lEcflèkr ifjokj dh enn y: dj n: %

- 1- ft l fnu vki ogk x, m l fnu vkidh Vkyh dk l ki x; ifjokj nokjk fd l rjg dh ydMh tykb xb\ eryl ;g fd og ydMh fd l çt kfr d iM&i kèk l yh xb Fkh\

- 2- vkidh jk; e lcl vPNh bèku ydMh dku l h gkrh g\ D;k\ bl ckj e vki viu lEcflèkr ifjokj dh jk; Hkh y yA

- 3- viu lEcflèkr ifjokj l ifN, ;fn mUg i;klr bèku ydMh miyCèk gk rc Hkh D;k o dM tyk,x\

- 4- vxj xkcj dMk d : i e u tyk;k tk, rk fQj ;g dgk tk,xk\ bl dk ifjr= ij D;k çHkko iMxk\

5- tk ifjokj vkidk fn;k x;k g] D;k mle èkvk jfgr pYgk g\ , l pYg d D;k ykHk g\

vè;kid d gLrk{kj -----

fnukd -----

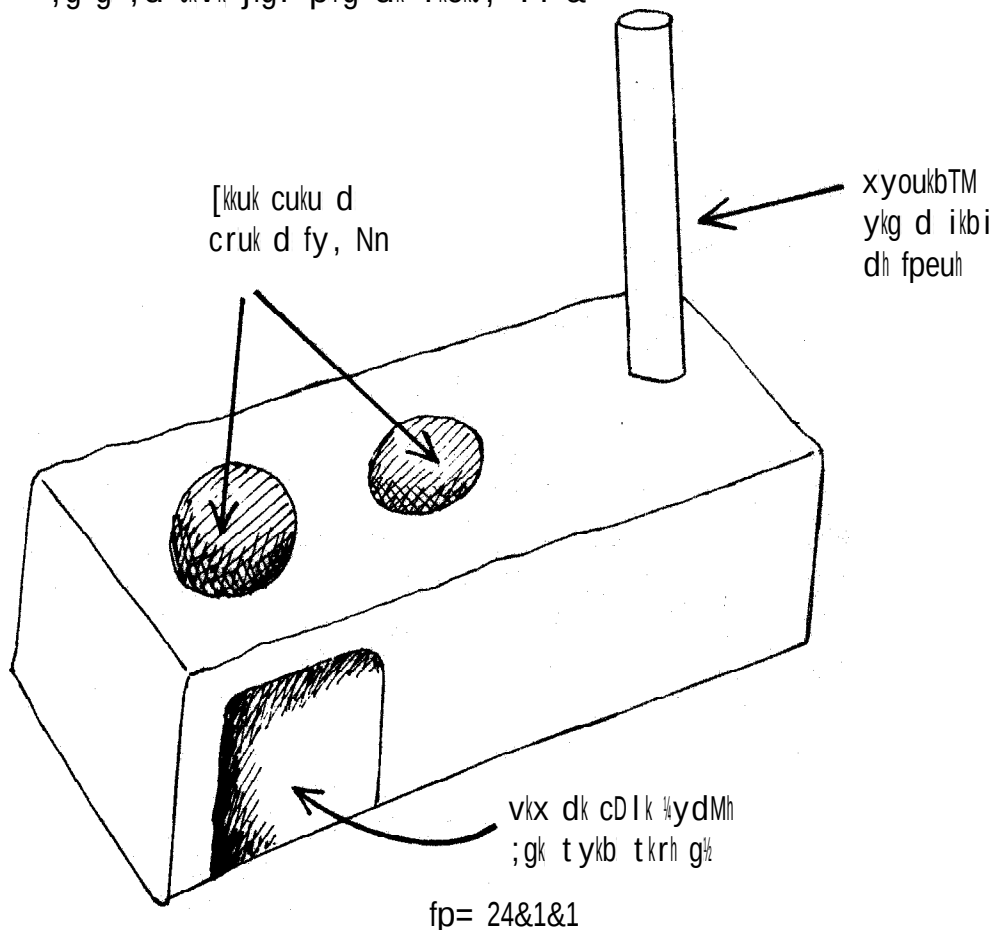
ckDI 24&1

èkvk jfgr pYgk dI cuk;k tk;

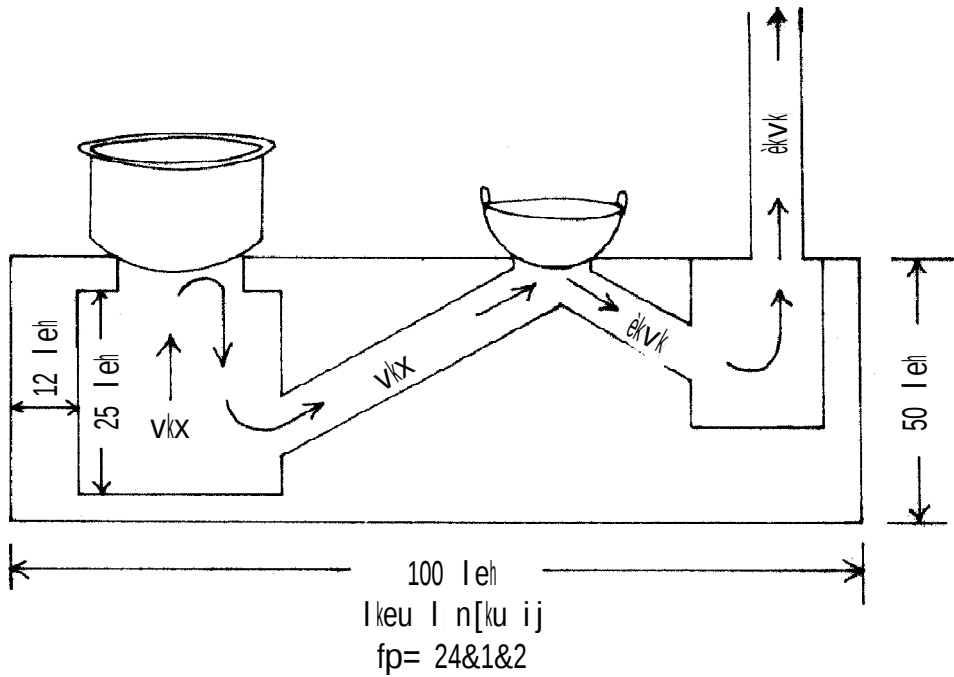
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,d Bh d rjg cu èkvk jfgr pYg I èkvk ckj fudy tkrk g vkj dej e ugh HkjrkA
b l l l Hkh dk vfèd vkjke feyrk gA

,d Bh d rjg I cu pYg I fd l h ifjokj dh bèku dh [kir Hkh de gk tkrh
gA èkvk jfgr pYgk [ky g, pYg I dke Hkh vfèd vPNk djrk gA b l dk vFk ;g
gvk fd de ydMh I mruk gh [kkuk cu l drk g vkj ?kj dk xje Hkh j [kk tk
l drk gA

;g g ,d èkvk jfgr pYg dk lkekU; : i &



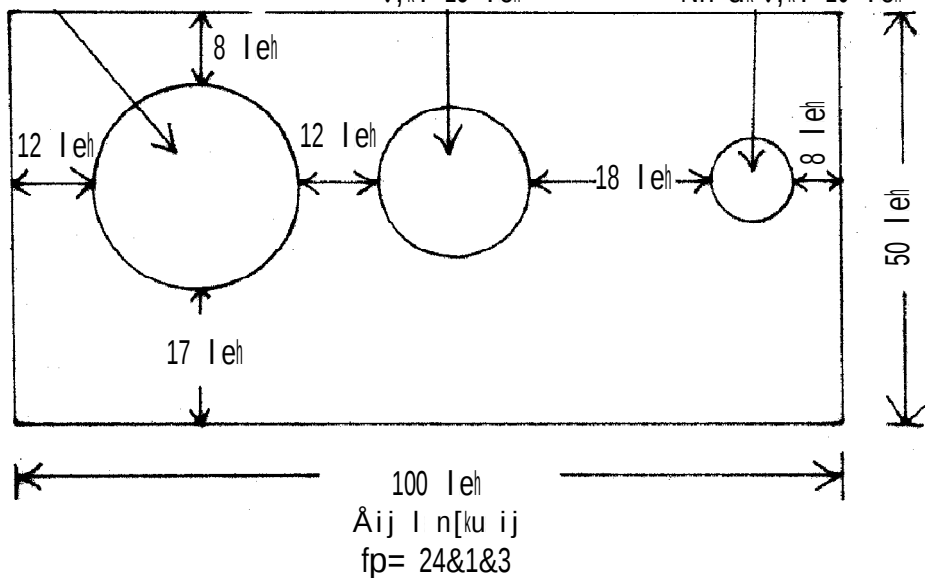
uhp d nk j[kkfp=k e pYg d Hkhrjh xBu vkj yckb&pkMkb fn[kkb x;h gA



igy Nn dk
0;k l 25 l eh

n l j Nn dk
0; k l 15 l eh

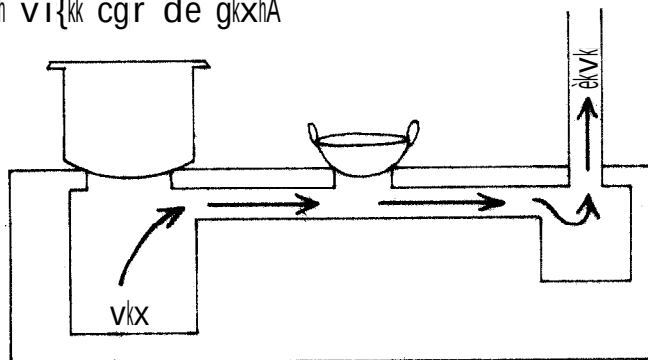
fpeuh ¼ ikbi½ oky
Nn dk 0;kl 10 leh



bl rjg cuk, x; pYg e èkvk fpeuh l gkdj ?kj d ckjg fudy tkrk gA vxk tykr oDr vxk d cDI d njokt l dN èkvk fudy l drk g] yfdu pYgk xje gk tku d ckn ;g cn gk tk,xkA [kkuk idku oky Nnk dk ?kj e ç;kx gku oky irhyk] d<kb;k vkj rok d fgIkc l cukuk pkfg, ojuk bu Nnk l èkvk fudyxkA j[kkfp=k e tk uki fn, x, g o vk l r oky g vkj doy vuekfur vkdkjk dk bfxr djr gA fpeuh ikbi dk ;nk&dnnk lkQ djr jguk gkxk ojuk vxk d ckDI d njokt l èkvk vku yxxkA

èkvk jfgr pYgk fd l h l kèkkj.k pYg l vPNk dke D;k djrk g bl d fuEufyf[kr e[; dkj.k g %&

- 1- nk cruk e ,d lkFk [kkuk idk;k tk l drk gA [kkuk , l idk;k tk, fd dkb Hkh Nn [kkyh u jgA t : jh gk rk ,d [kkyh Nn ij ikuh xje fd;k tk l drk gA çlxo'k ;g crk n fd nkuk Nnk d fy, Vhu d <Ddu gku pkfg, rkfd vxj dN nj dk mu ij dkb cru ugh j[kuk gk rk mUg <dk tk l dA vxj dkb Nn [kyk j[kk tk,xk rk m l l èkvk fudydj dej e Hkj tk,xkA
- 2- fp= 24&1&2 e vki rhjk d fu'kkuk l og ekx n[k l dr g ft l l gkdj èkvk pYg l ckjg tk,xkA pYg dk Bh d blh fMtkbu d vulkj cukuk vR;ko' ;d g vU;Fkk og bèku d'ky ugh gkxkA vxj vki , l k pYgk cuk,x t l k fd fp= 24&1&4 e fn;k x;k g rk m l dh {lerk fp= 24&1&2 e fn, x; ueu dh vi{kk cgr de gkxhA



xyr cuk, x; pYg dk lkeu dk fp=
fp= 24&1&4

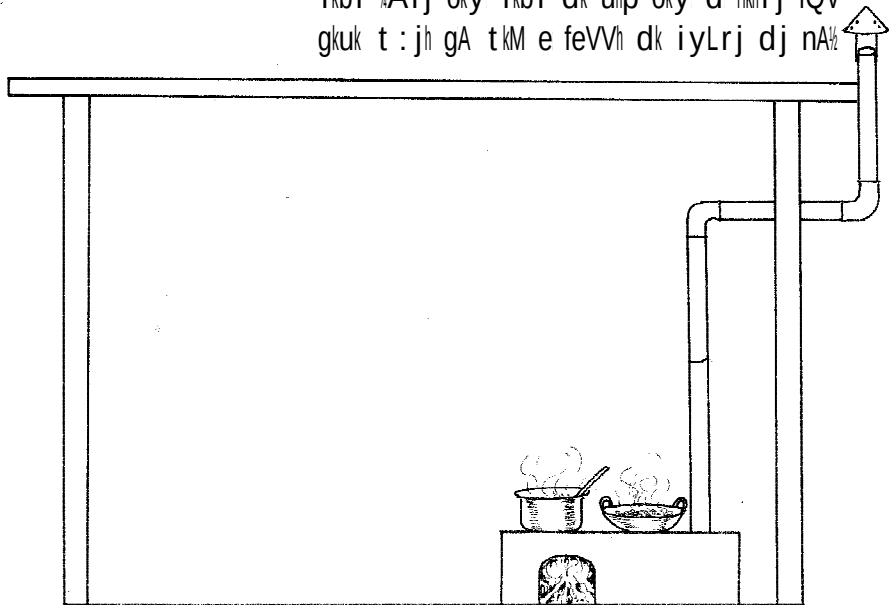
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bl çfØ;k e vlx d cDI e vfrfjDr xeh jg tkrh g ft l l igyk cru vkj rth
l xje gkrk gA fQj vlx vkj èk, dk çokg nckjk Åij mBrk g vkj nlj cru
d in ij frjNk Vdjkrk g vkj bl rjg l xyr cu pYg ¼fp= 24&1&4½ dh
vi{kk vfèkd xeh nrk gA

;g t:jh g fd fpeuh d uhp ,d cDIk cuk;k tk, t lk fd fp= 24&1&2 ij
fn[kk;k x;k gA fpeuh l tk dkfy[k fxjrh g ml bdVBk gku d fy, ,d ,lh txg
fey tkrh g tgg og èk, d fudyu oky jkLr e ugh vkrhA gk dHkh&dHkh vkidk nlj
Nn l fd lh djNh dh enn l bl dkfy[k dk fpeuh oky ckDI l fudkyr jguk
gkxkA fudkyh xb dkfy[k dk vlx oky ckDI e Mky fn;k tkrk gA dkfy[k ogk ty
tkrh gA tc Hkh vki fpeuh d ikbi dk lkQ dj rc ;g dj ldr gA

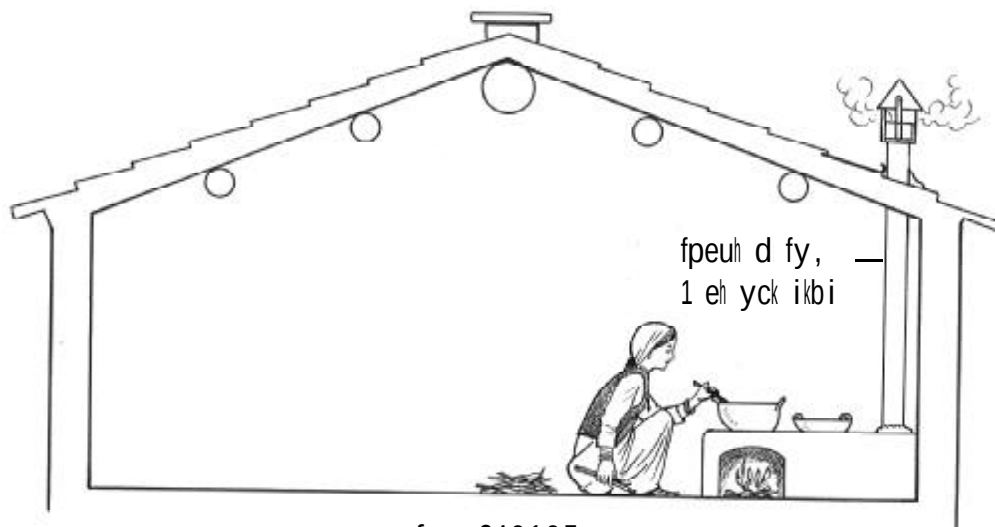
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dj ldr g ¼ft l dh ekVkb 20&22 xt gk½ ,d pYg d fy, 10 leh 0;kI okyk ikbi
Bhd jgxA xyoukbTM ykg d ikbi cktj e yxHkx 1 ehVj yckb d cur gA
fpeuh cuku d fy, ftru ikbik dh t:jr gk mUg vkil e tkM n t lk fp=
24&1&5 e fn[kk;k x;k g

fpeuh d fy, 1 ehVj yc db xyoukbTM ykg d
ikbi ¼Åij oky ikbi dk uhp oky d Hkhrj fQV
gkuk t:jh gA tkM e feVVh dk iyLrj dj nA½

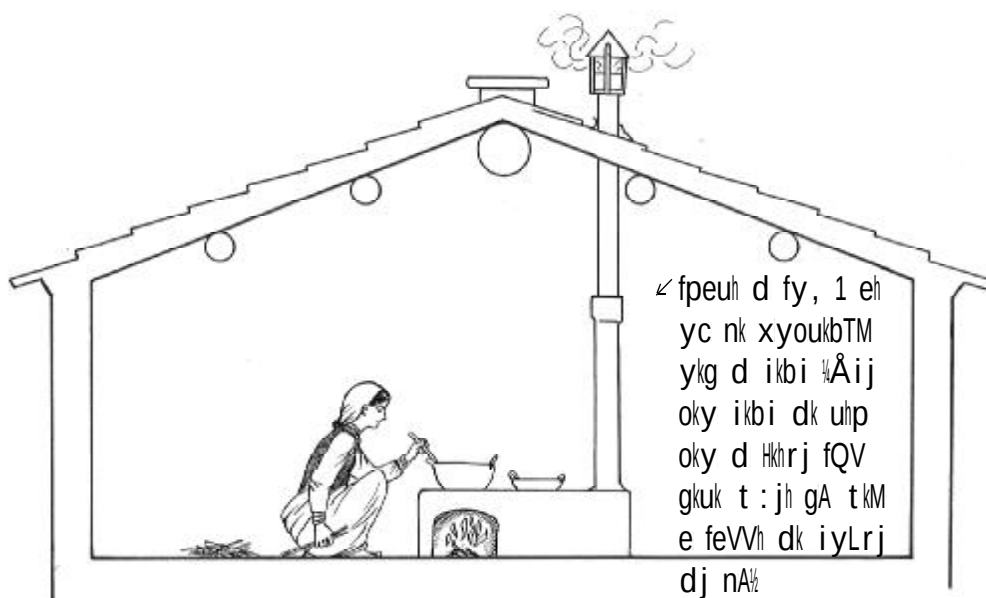


fp= 24&1&5v

;g t:jh g fd le;≤ ij vki fpeuh e ckgj l Hkh feVVh dh fyikb dj
ft l l fpeuh e td ugh yxxkA



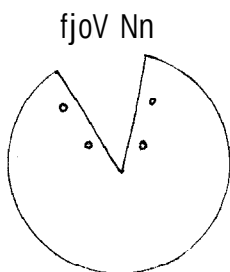
fp= 24&1&5c



fp= 24&1&5 l

vxj db ikbi yxk, tk jg g rc ;g è;ku j[k fd Åij okyk ikbi uhp oky
d vnj fQV gkuk pkfg,A ble ;g gkxk fd vxj Åij oky ikbi d vnj dkyrkj
Vidr k g rk og uhp oky ikbi d vnj gh fxjrk tk,xk u fd mld ckjA lc
tkMk ij dl dj feVVh dk iyLrj yxk nuk pkfg,A

fpeuh e ckfj'k d ikuh dk tku l jkdu d fy, uhp fn, g, fp= 24&1&6 d
rjhd l ,d Vkih cukb, %

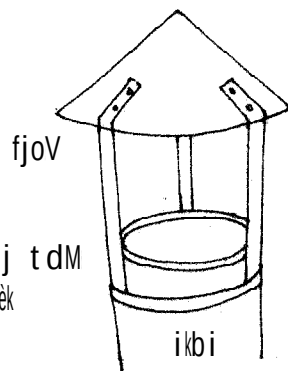


xyoukbTM ykg dk xky
VdMk] 20 leh 0;k l dk



fjoV fd, tku d
ckn Vkih , lh fn[kxh

vc ifRr;k ij bl
rjg fjoV dhft ,



Vkih dk ikbi ij t dM
j[ku d fy, ckèk

fp= 24&1&6



dHkh&dHkh fpeuh dh Vkih gV k dj fpeuh
dh IQkb Hkh djuh gkxhA fpeuh e bdVBk gb
dkfy[k IQkb dju l fpeuh d uhp oky cdl
e bdVBk gk tkrh gA bl dkfy[k dk nlj Nn
l djNh dh enn l fudky dj vx oky cdl
e Mky fn;k tkrk gA dkfy[k ogk ty tkrh g
t l k l keu d fp= e fn[kk;k x;k gA

;gk ft l pYg dk o.ku fd;k x;k g m le
,d l kèkkj.k pYg l dgh vfèkd bV vkj feVVh
yxrh gA blfy, ml xje vkj BMk gku e
vfèkd le; yxrk gA èkvk jfgr pYg dk
bLreky dju l igy ;g ;kn jf[k, vxj
FkkMk l k gh mi;kx djuk gk & t l pk; cukuk
& rk bl pYg dk tyku e ydMh vfèkd
yxrh gA

vH;kl 25

i'k fcNkou dh [kir ekiuk

ifjp;

fcNkou tkuojk dk vkjkenk;d vkj lkQ j[krh gA fo'k"kdj tkMk e] vxj tkuojk d uhp i;klr fcNkou ugh gkrh g rk o xhy vkj BM jgr g vkj chekj Hkh gk ldr gA o xkcj l yFk&iFk Hkh gk ldr gA

fcNkou tkuojk d ey&e= lk[kdj eY;oku ikni ik"kd rRok dk lp; vkj lj{k.k fd, jgrh gA vxj tkuojk d uhp i;klr fcNkou ugh nh tkrh rk ; ik"kd rRo cjckn gk tkr g D;kfd e= ;k rk cg tkrk g ;k xk'kkyk ;k vkxu dh tehu nokjk lk[k fy;k tkrk gA

bl vH;kl e ft ruk i'k fcNkou vè;;u xke e ,d fnu e yxrk g mldk ifjek.k fudkyxA vkerkj ij ge lfn;k e gh vii tkuojk d uhp fcNkou j[kr g] ft l l o xe jgr gA ;gk ge lfn;k e ,d ifjokj nokjk ,d fnu e ft ruk fcNkou bLreky gkrk g m l rkyxA

vko';drk,i

- 1- ckj&çfr Vkyh ,d ckjk
- 2- jLIh&çR;d Vkyh d fy,
- 3- dekuhnkj ryk& 50 fdxk okyk ,d

dk;l fofèk

- 1- gj Vkyh vii lEcfeùkr ifjokj d ikl tk, mul vujkèk dj fd ft ruk i'k fcNkou o vkt dy fnlEcj ekg e % lfn;k e% ,d fnu e tkuojk d uhp fcNkr g] mru dk <j cuk nA vki m l jLIh l ckèk dj ;k ckj e Hkj dj vii dekuhnkj ryk l rkyxA vxj vkiu fcNkou dk ckj e rkyk g rk ckj dk otu ?kVkuk u HkyA
vkiu tk otu rkyk m l viuh Vkyh l ;k d lkeu rkfydk 25&1 e fy[kA vU; Vkyf;k d lkFk vkdMk dk vknku&çnku dhft ,A dy vkj vki r fudkydj rkfydk ijh dhft ,A

rkfydk 25&1- fnlEcj ekg e: çfr ifjokj çfr fnu i'k_l fcNkou dh vk_l r [kir] fdxk

Vkyh l _i [;k	Vkyh dk l _k i i x, ifjokj d _i ef[k;k dk uke	,d fnu e _i i'k _l fcNkou dh [kir] fdxk
1-		
2-		
3-		
4-		
5-		
6-		
7-		
8-		
9-		
10-		
dy		
vk _l r		

- 2- fnlEcj ekg e ¼lfn;k e½ çfr fnu çfr ifjokj
i'k fcNkou dh vklr [kir ¼rkfydk 25&1 l½ ¾ ----- fdxk
- 3- fnlEcj ekg e çfrfnu ij xko dh i'k fcNkou dh [kir tkuu d fy, çfr ifjokj
çfrfnu i'k fcNkou dh vklr [kir ¼Åij Øekd 2 l½ dk xko d dy ifjokjk l
x.kk dhft,A

fnlEcj ekg e çfrfnu		çfr ifjokj çfrfnu	xko d dy
ij xko dh i'k	¾	i'k fcNkou dh	x ifjokjk dh
fcNkou dh [kir] fdxk		vklr [kir] fdxk	
l [;k			

fnlEcj ekg e çfrfnu		
ij xko dh i'k	¾	----- fdxk
fcNkou dh [kir		

uhp fn, ç'uk d mRrj Vkyh I I Ecfuèkr ifjokj dh enn ydj n %

- 1- xk'kkyk vkj tkuojk dk n[kr g, D;k vki le>r g fd bruk fcNkou dkQh g\ vxj ugh rk vkidh le> I fdruk dkQh gkxk\

- 2- vxj fcNkou dh ek=k de g rk bldk D;k dkj.k g\

- 3- vè;;u oky fnu vki I I Ecfuèkr ifjokj e tkuojk d uhp D;k fcNk;k x;k Fkk\ vkidh le> I ;g fcNkou dIk gkrk g\ Icl vPNk i'k fcNkou D;k gkrk g\

- 4- viuh Vkyh I I Ecfuèkr ifjokj I ifN, o èkku d ioky dk D;k djr g\ vc vki crkb, ,lk dju I xke ifjr= e D;k vIj gkrk g\

- 5- viuh Vkyh l lEcflèkr ifjokj l ifN, o xUu d l [k iRrk dk D;k djr g\ vki
crkb, ,lk dju l xke ifjr= e D;k vIj gkrk g\

- 6- mi;kx fd; tk jg i'k fcNkou dh mi;kfxrk dh nf"V l vkid fopkj e phM vki
ckt e l dku mÙke g\

vè;kid d gLrk{kj -----

fnukd -----

ckD I 25&1

i'k&e= bdVBk dju dk rjhdK

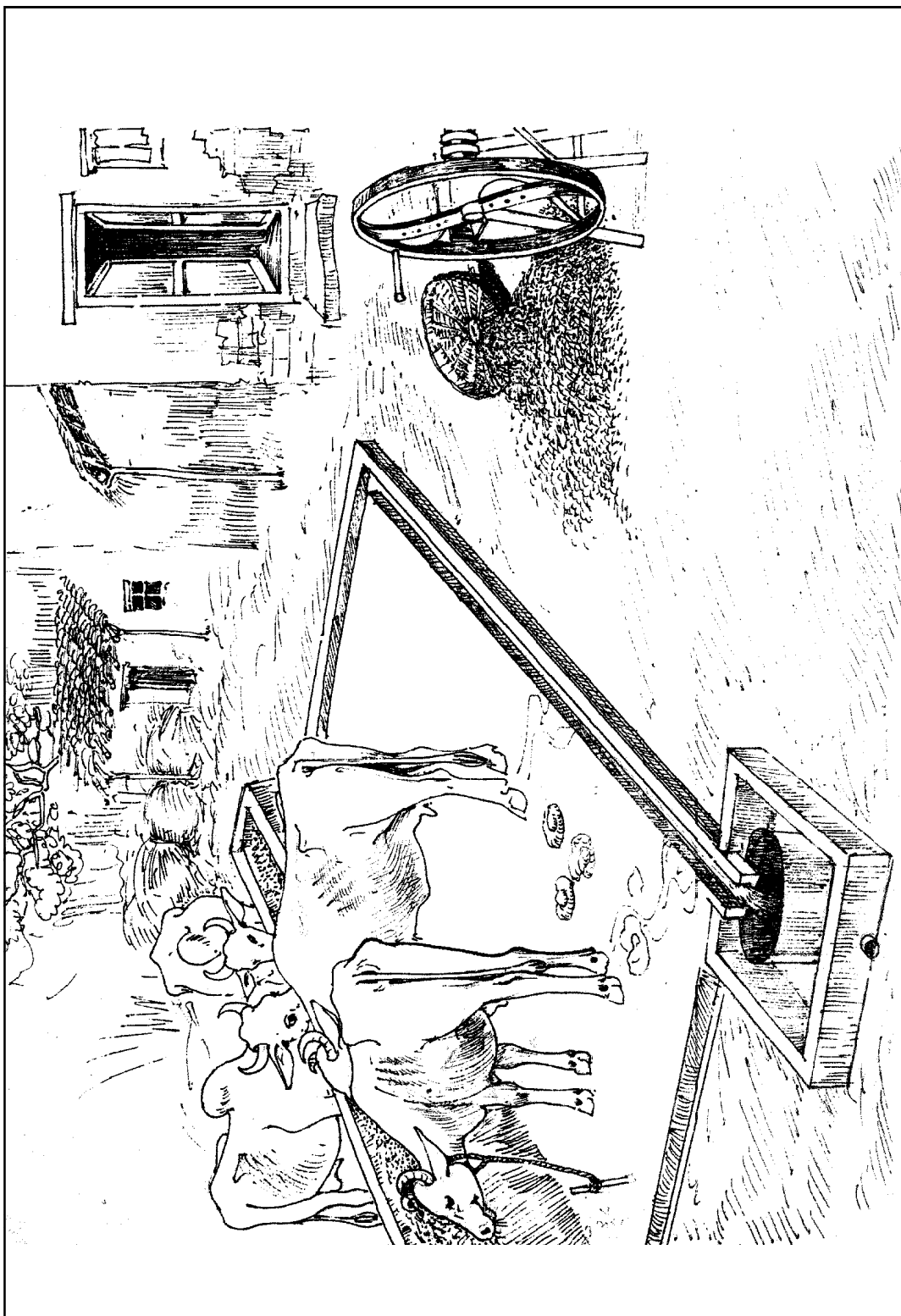
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;n;fi vfèdk'k i'k&e= cdKj pyk tkrk g vkj dEikLV d <j rd ugh igprk gA ;g vkerkj ij blfy, gkrk g D;kfd xeh d ekle e ge i'kvk d fy, fcNkou ugh Mkyr g vkj lfn;k e fnu d le; fcuk fcNkou d gh gekj i'k ckgj cèk jgr gA

vxj xk'kkyk vkj vxu dk i'k iDdk ugh g rk vfèdk'k i'k&e= tehu nokjk lk[k fy;k tkrk g vkj cdKj pyk tkrk gA

dEikLV d <j d fy, lkjk i'k&e= bdVBk dju d fy, ;g vko';d g fd tgg i'k ckèk tk, og txg iDdh gk vkj ogk mfpr fudkl gkA bl fLFkfr e i'k&e= bdVBk fd;k tk ldrk gA i'k&e= dk bdVBk dI dj ;g uhp crk;k tk jgk gA

i'k&e= dk ,d= dju d fy, Q'k e gYdk <yku j[kr g, bl iDdk cuk, vkj i'kvk d [kM gku dh txg d uhp dh rjQ gYdh xgjh iDdh ukyh cuk,A ukyh d vr e ,d iDdk gkt cuk,A bl rjg i'k&e= bdVBk fd;k tk ldrk g] t lk vxy i"B e fn, fp= e fn[kk;k x;k gA



vH;kI 26

xke ifjr= e iMk d iu LFkkfir d fy,
ifj;ktuk 1-

ifjp;

;g vH;kI mu nk vH;kI k 26 vkj 27 d Øe e igyk g] ft le vki viu vè; ;u xke
dh lkefgd vtr Hkfe d ,d fgLI e iMk dk iu LFkkfir djxA bl vH;kI e vki ml
Hk&[k.M dk ukix tk vkid vè;kid nokjk puk x;k gA Hk&[k.M dk {k=Qy fudkyxA
;g Hkh x.kuk djx fd bl {k= e fdruh ikèk yxkb tkuh gA

vko';drk,

1- ukiu dk Qhrk 15 eh & ,d

dk;l fofèk

1- bl ifj;ktuk d fy, vkid vè;kid vè; ;u xkeokfl;k d lKf ckr&phr dj xko
dh lkefgd vtr Hkfe dk ,d fgLIk pu nxA ft ldk {k=Qy 10&20 ,vj gkuk
pkfg,A

2- lkeu d [kkyh i"B e viu pu g, ifj;ktuk {k= dk lKQ lFjk uD'kk cuk,A

vè;kiu ldr

bl vH;kI dk djku l igy ckDI 26&1] 26&2] 26&3 dk i<k yhft,A

bl ifj;ktuk d fy, lkefgd ctj Hkfe ;k pjxkg dk p;u dj] tk yxHkx 10&20
,vj vo'; gkA ;fn fd lh dkj.k ;g dk; lkefgd Hkfe e djuk lEHko u gk rk vki
fon;ky; ifj lj d vnj dk LFky Hkh y ldr gA

;g fo'k" è;ku j[k fd ;g {k= l jf{kr gkA {k= dh l j{kk d fy, ogk ?kjckM djuk
iMxkA ?kjckM cuku gr lkeku [kjnu d fy, vki viu çèkkukpk; ;k xke çèkku l ckr
dj ldr gA ?kjckM dju e xko d yxk l Hkh enn d fy, fuonu dJA okLro e bl
dke d fy, xkeokfl;k dk lg;kx cgr eY;oku gA {k= dh l j{kk d fy, ?kjckM rk cuxh
gh yfdu {k= dh l j{kk rHkh lEHko g tc lHkh dh lgefr gA

uki&tk[k d dke d fy, fon;kfFk;k dk yc oknu dh vko';drk gkxh] ft ldk çèk
vki dj yhft,A

- 3- vH;k l 13 ¼V< e< [kr½ e lh[k x, rjhd l viu Hk&[k.M dk ukfi,A l Hkh ekik dk viu uD'k e nt dhft ,A
- 4- viu Hk&[k.M dk {k=Qy fudkfy, ¼
¼i½ {k=Qy ¾ ----- ,vj
¼ii½ ,d iM d fy, fuf'pr {k=Qy ¾ -----
¼iii½ jki.k d fy, ikèkk dh l [;k ¾ -----
- 5- bl Hk&[k.M d fy, vkidk ft ru ikèkk dh t :jr gkxh] mldh x.kuk djA bl d fy, lcl igy iMk d chp Qklyk r; dj y ¼ckDI 26&2½A

ç'u

- 1- vkid vè;;u xke dh dy lkefgd Hkfe ft le iM yxk, tk ldr g mldk vuekfur {k=Qy fdruk gkxk\
----- ,vj ----- ukyh
- 2- dYiuk dj fd bl lkefgd Hkfe l 60 fdxk bèku ydMh çfr ,vj çfr o"k ink gkrh gA vkid vè;;u xke e gj ifjokj dk fdruh bèku ydMh fey ldxhA ;g Hkh dYiuk dj] ;g ydMh l Hkh ifjokj e cjkcj cVxhA

- 3- vki ble fd l fdle d iM yxkuk pkgx\ D;k\

vè;kid d gLrk{kj -----

fnukd -----

ckDI 26&1

ge iM dgk mxk ldr g\

vH;k l 8 %gekjk xke ifjr= $\frac{1}{2}$ dju d ckn vki ,d egROI.k fu"d"e e igpr g%
iM gekj xke ifjr= d fy, cgr vko';d gA i;k lR iMk d fcuk gekj i'k ugh jg
ldr g] vkj ge Hkh LoLFk ugh jg ldr gA Qlyk dh fVdkÅ vkj vfèd mit rHkh
çklr gk ldrh g] vxj gekj xke ifjr= e i;k lR iM gkA

xke ifjr= e iM vko';d g] D;kfd ge bèku d fy, ydMh pkfg,A vxj
gekj ikl tyku dk ydMh ugh gkxh rc ge i'kvk dk xkcj %dM% tyk,xA tc
ge xkcj d dM tyk,x rc gekj [kr Hk[k jg tk,x] D;kfd rc ;g dEikLV d
: i e [krk rd ugh igp ik,xkA iM gekj i'kvk d fy, ikfVd pkjk Hkh ink
djr g&fo'k"kdj o"k d ml le; tc ge viu [krk l gjk pkjk ugh feyrk gA
Qlyk dh tM mFkyh gkrh gA tk tehu e cgr xgj py x, ik"kd rRok dk ugh
y ldrh] iMk dh tM bu xgj py x, ik"kd rRok dk okil y vkrh gA blfy,
iM gekjh Qlyk d fy, Hkh lg;kxh gkr gA iMk d bu rhu dk;k d ckj e ge
vx bl ikB;Øe e i<xA

vk t vfèdk'k xkok e cgr de iM cp gA bl dkj.k gekjk xke ifjr= chekj
gA ifjr= l vfèd mit yu d fy, ge db ckj jlk;uk %mojdk vkj dhVuk'kd k%
dk Hkh mi;kx djr g vkj ; ifjr= dk vkj chekj dj nr gA ifjr= dk iu%
LoLF; cuku d fy, ge vfèd iMk dh t:jr g vkj ge jlk;uk dk mi;kx Hkh
cn djuk gkxkA

ge viu xko e nk txg iM yxk ldr g% lkefgd Hkfe vkj 0;fDrxr Hkfe eA
lkefgd Hkfe

xko dk pkjxkg vkj xko dh ctj Hkfe t lk fd vkiu ckDI 4&1 %iRFkj dh
dYgkMh% e i<k] ; {k= okLro e çkÑfrd ou Fk vkj tgg [kr ugh cuk, x,A
'krkfcn;k l i'kvk dh pjkb vkj vx d dkj.k bu {k=k l iM xk;c gk x,A ; xko
dh lkefgd Hkfe gkrh gA bu {k=k e iM yxkuk] vkj mudh n[k&j[k djuk okLro
e xko d çR;d fuoklh dk dk; gA bu iMk l pkjk vkj bèku d : i e tk mRiknu
gkxk] og l Hkh e cjkcj cVuk pkfg,A bl d vfrfjDr fon;ky; dh Hkfe e Hkh iM
yxk, tk ldr gA

0;fDrxr Hkfe

Ikefgd Hkfe e iM yxku d ckotn Hkh db xkok e çR;d ifjokj dh t:jr d fy, i;klr pkjk vkj bèku ydMh ugh gkxhA D;kfd Ikefgd Hkfe dk {k= cgr de gA bl dkj.k ge tkr Hkfe d vnj ,o pkjk vkj Hkh iM yxku gkxA çR;d ifjokj viuh t:jr d vulkj iM yxk,xkA

ckDI 26&2 e xko dh Ikefgd Hkfe e ouhdj.k dI dj] bldk rjhdK crk;k x;k g] tcfD ckDI 26&3 e tkr Hkfe d vnj ,o pkjk vkj iM dI yxk, ;g crk;k x;k gA bèku ydMh] pkjk vkj ru okyh ydMh d fy, iMk dk çcUèk dI dj] ;g Øe'kH ckDI 30&1] 30&2 vkj 30&3 ¼d{kk 8½ e crk;k x;k gA

vtddy db ifjokj viu [krk e ;dfyIVI vkj ikiyj dh ,dy [krh dj jg gA bu iMk dh ydMh cp nh tkrh gA tc iM 0;olkf;d nfV I mxk, tkr g rk ; xke ifjr= d LokLF; vkj mRikndrk e lèkkj ugh djrA ; fdIh Hkh udnH QIy ¼t I xUuk½ d gh leku g] bl rjg I xke ifjr= d ik"kd rRo mI ifjr= I ckj py tkr gA ; iM pkjk dk mRiknu ugh djr g vkj bèku ydMh Hkh cgr de nr gA bld vfrfjDr ;dfyIVI dh tM cgr ?kuh gkrh g ,o pkjk vkj Qyrh gA bl dkj.k tc bl [kr d fdujuk e mxk;k tkrk g ;g db ehVj rd nkuk rjQ I QIyK dh onfèk dk çHkfor djrk gA

;g lgh g vxj gekjk xke ifjr= i;klr bèku ydMh] pkjk vkj dEikLV mRikfnr dj rk Hkh ge vukt okyh QIyK d vfrfjDr dN udnH QIy Hkh mxkuh gkxhA ru okyh ydMh d fy, iM yxkuk] ,d çdkj dh udnH QIy gk ldrh gA ,Ih fLFkfr e ey çtkfr tI 'kh'ke mxkuk T;knk cgrj gkxkA buG [kr dh lhekvk] IMd d fdujuk] ugj d fdujuk yxk;k tk ldrk gA tkr Hkfe e buG ,dy e mxku dh t:jr ugh gA

ckDI 26&2

xko dh lkefgd Hkfe e iMk dk iu% Lfkkfir djuk

mRrjk[k.M e lHkh txg iM gekjh çkÑfrd ouLifr gA gekjk ijk xko dHkh txy
l <dk gvk Fkk] t l k geu ckDI 4&1 ¼iRFkj dh dYgkMh% e i<ka [krh dju d fy,
Hkfe cuku gr vfèdk*k iMk dk dkV fn;k x;ka dN fgLIk txy d : i e NkM
fn;k x;k Fkk] t gk i'k pjr Fk] geu ogk d iMk dh ifRr;k dk pkj d fy, vkj
iM dk bèku ydMh ,o ru okyh ydMh d fy, dkVka pjkb] vfrdVku vkj vx d
dkj.k ; iM èkhj&èkhj xk;c gk x,A vkt gekj xko dh vtr lkefgd Hkfe e doy
?kk l gA yxrkj pjkb vkj le;≤ ij vx yxu d dkj.k db xkok e rk ?kk l
Hkh cgr de gkrh gA , l h txg t gk ?kk l ej trh g] vkj ek= ctj Hkfe jg trh
g] ogk l Hk&{kj.k Hkh vfèkd gkrk gA

vxj bl çdkj dh Hkfe nkckjk l iMk l <d tk,] vkj ge mudk mfpr çcUèk dj]
ge bu iMk l bèku ydMh] pkjk vkj ru okyh ydMh çkr dj l dr gA bl Hkfe
e iu% txy fd l çdkj cuk;k tk l drk g\

bl çdkj dh Hkfe dk vx vkj pjkb l l jf{kr j[k] ge n[kx fd dN o"kk ckn ych
?kk l k d chip&chip e iM dh ikèk mx jgh gA l ky nj l ky iMk dh vfèkd ikèk fn[kkb
nxhA iM mxu yxx vkj èkhj&èkhj ?kk l k dk LFkku ogk dh ey ouLifr y yxhA ; g
çfØ;k T;k nk rt gk tk,xh] vxj l jf{kr {k= e igy l gh dN iM cp gkA ; iM
cht fxjk,x vkj ftul db u, ikèk mx vk,xA cgr o"kk ckn ; g {k= nkckjk l
txy t l k gk tk,xk] t l k ; g igy dHkh vrhr e Fkka



vfe^hdk'kr; k] Hkfe e iMk okyh fLFkfr oki l vku e cgr yck le; yxrk gj D; kfd gekj jf{kr {k= e cht nu oky iM cp gh ugh gA , lh fLFkfr e iM dh ikèk dk jki.k dj ge çÑfr dh enn dj ldr gA

l kFk gh vxj ge viu fy, iM mxku d fy, ijh rjg l çÑfr ij fuHkj djx rk gk ldrk g] dN fLFkfr; k e ge bl rjg d iM fey] ftudh ge t : jr ugh gA ge viu egRo d iM yxkdj vkj çkÑfrd : i l mx iMk dk gVkdj ¼ tk gekj fy, de egRo d g½] çÑfr nokjk fd, x, ç; k l dk ijk dj ldr gA vH; k l 8 ¼ iMk d cht , d= djuk½ e igy gh ; g fopkj dj pd g fd ge fd l rjg d iMk dk yxku dh t : jr gA

jki.k {k= LFkkiuk

bèku ydMh nu oky iMk d fy, jki.k {k= dh LFkkiuk d l dj vkb, vc ; g n[ka

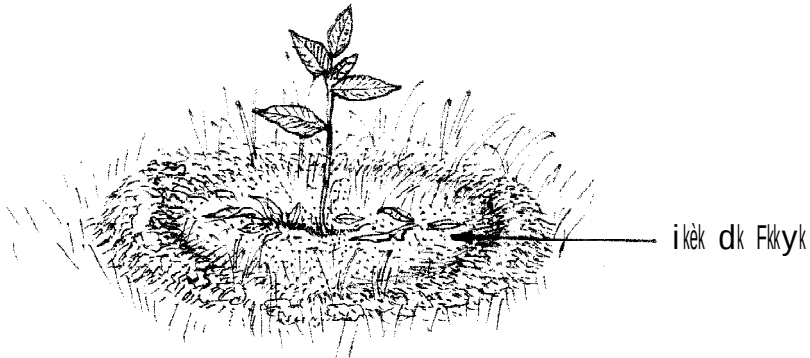
bèku ydMh nu oky iMk dh vxj ikykfMx djuh gk rc jki LFkyh d fuek.k d fy, çfr ,vj 25 ikèk dk jki.k fd; k tkuk pkfg, A 25 ikèk çfr ,vj dk eryc gvk 2 eh x 2 eh dk QklykA ; g dYiuk dh tk ldrh g fd ikèk jki.k 2 eh d Qkly e 2 eh dh njh okyh dKYifud j[kk e fd; k x; k gA jki.k {k= e dN mx jg iM Hkh gkxA fQj Hkh vkidk è; ; 25 iM çfr ,vj yxku dk gkuk pkfg, A ; fn vkl ikl d iMk d cht l viu vki dN ikèk mx jg gk] rk mUg jki x, ikèk d l kFk gh mxu fn; k tkuk pkfg, A

de l de 5 ; k 6 fdLe d iMk dh ikèk dk jki.k djuk pkfg, A dN vU; fdLe viu vki Hkh mx ldrh gA bl rjg vkid ikl lEHkor; k 10&15 mi ; kxh fdLe d bèku ydMh nu oky iM gk tk, xA

ikèk jki.k d oDr] gj fdLe d ikèk dk ij jki.k LFky e Qyk nuk pkfg, A vFkkr] vU; fdLek dk NkM , d gh fdLe d l kj ikèk , d gh fgLI e ugh yxk, A bl rjg vkidk {k= çkÑfrd ou l feyrk tyrk gkxk] ft le db fdLe feyrh g ¼ tk db fdLek l feydj cuk gkrk g½A bl çdkj d feJ.k l iM LoLFk vkj bèku ydMh dk vfèkd mRiknu djxA bl {k= dk pjkb l cpk, j[ku d dkj.k ?kk l mxxh] yfdu tc ikèk NkVh g] ikèk d Fkky dh ey txg e ?kk l vkj vU; ikèk dk dnkfi ugh mxu nuk pkfg, A ikèk dh fu;fer : i l fujkb djuh pkfg, A fujkb l fudyh ?kk l ikèk dk oki l Fkkyk e gh Mky n tk eYp dk dke djxA ?kk l dkVr le; l koèkkuh cjruh pkfg, fd u, ikèk dk dkb ud l ku u gkA jki.k okyh txg dk vx l cpk,

j[kA bld fy, t l gh ogk mxh ?kk l l[k tk, m l dV dj gV k nuk pkfg, A ,d
gh ckj dh vx tc ?kk l l[kh gk lkj ikèkk dk u"V dj ldrh gA

igy l ky e vPNh n[kHkky d ckt n dN ikèk ej ldrh gA vxy l ky tykb
e dN ikèk d eju l g, [kkyh xM<k dk u, ikèk l Hkj nhft ,] bl ^fjDr ifr*
dgr gA



rh l j ;k pkFk l ky e tc ikèk vPNh rjg l te tk,) rc dy ikèkk dh l [;k dk
25 çfr ,vj cuk, j[ku d fy, chp&chp l detkj ikèk gVkb tk ldrh gA l kFk
gh o fdLe Hkh ftUg vki vui;kxh ;k gkfudkj d le>r gk] ftul iMk dk fodk l
: d tkrk gA bl rjg vkidk iMk dh NVkb vkj fujkb dh t:jr 'kk;n gj l ky
iMxhA

ckDI 26&3

gekjh tkr Hkfe e iM

gekj xke ifjr= e iM mxku d fy, lcl mi;Dr txg g vtr lkefgd HkfeA ;n;fi] db xkok e bl çdkj dh cgr de Hkfe cph g] bl dkj.k ge viu [krk e vkj [krk d pkjk vkj Hkh iM yxku dh t:jr gA

tkr Hkfe e yxk, iM gekj Qly feJ.k dk gh ,d fgLIk gkr gA iM tkr Hkfe d fdukj&fdukj ;k [krk e ;gk&ogk ;k fQj ifDr;k e yxk, tk ldr gA okLro e vkt Hkh vki gj xko e bl rjg l mx iM n[k ldr gA yfdu bu iMk dh l[;k gekj xke ifjr= dk LoLFk vkj mRiknd cuk, j[ku d fy, i;klr ugh gA

vki d eu e ;g fopkj vk ldrk g fd iM yxku d fy, tkr Hkfe dk fgLIk yx rk Qly mit de gk tk,xhA yfdu okLro e ,lk ugh gkxk] tc Qly iMk d lFk ckb tkrh gA iM gekjh Qly dk LoLFk j[kr g vkj vfekd mRiknu nr gA nIjh rjQ iM ge bèku ydMh Hkh nr g] rkfd lkj xkcj dEikLV d <j e tk l dA

vkB, tkr Hkfe e iM yxku d fofHkuu rjhdK ij ppk dj %

¼1½ tkr Hkfe d fdukj iM ¼fp= 26&3&1v½

ru okyh ydMh vkj bèku ydMh çklr dju d fy, yc mxu oky iMk dk [kr d fdukj ,d&nk ifDr;k e yxk ldr gA nk ifDr;k d chp dh njh 2&3 ehVj vkj iM l iM dh njh 2&3 ehVj j[kuh pkfg,A iM d uhp dh txg e çkÑfrd : i l mx jgh >kfM;k] tMh&cfV;k vkj ?kk l k dk mxu nuk pkfg, vkj fcYdy gLr{ki ugh djuk pkfg,A ;g [kkyh txg dk Hkj nxhA bl çdkj l [kr d fdukj ^çkÑfrd txy** d leku gk tk,xA

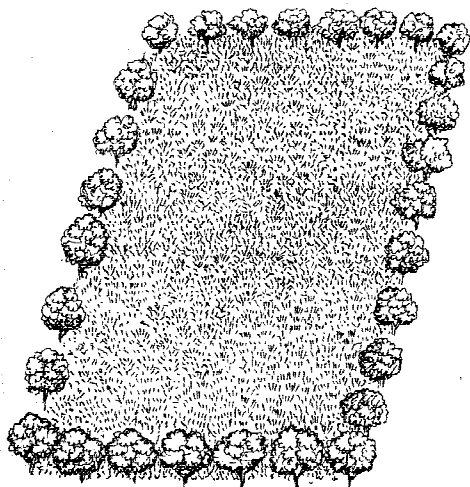
èkhj&èkhj bl txg e db çdkj d i'k] i{kh vkj dhV viuk Hkk tu vkj vkok l [kk tu yxxA bue l vfekd'k gekjh Qlyk dh l j{kk djxA

¼2½ [kr e bèkj&mèkj ;k ifDr;k e iM fp= ¼26&3&1c vkj l ½

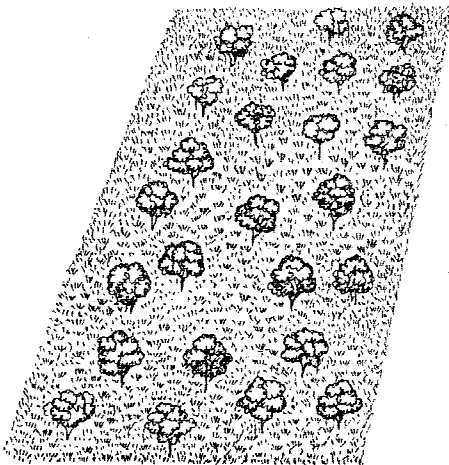
bèku ydMh vkj pkjk çtkfr;k dk [kr e bèkj&mèkj ;k ifDr;k e ,d iM çfr 2&4 ,vj dh nj l ¼vFkr 25&50 iM çfr gDV;j½ yxk, tk ldr gA iMk d chp cuh [kkyh txg e okf'kd ;k fnookf'kd Qly mxk, ;k [kkyh txg e Qy d Hkh iM yxk ldr gA bl fLFkr e ge [kr d fdukj e ru okyh ydMh nu oky iM Hkh yxku pkfg,] ; iM] xe vkj BMh gok d rho çokg dk jkd dj Qy d iMk dh l j{kk djxA

$\frac{1}{4}3\frac{1}{2}$ [kr e_i NkV_i iM vkj >kfM;k $\frac{1}{4}$ fp= 26&3&1n $\frac{1}{2}$

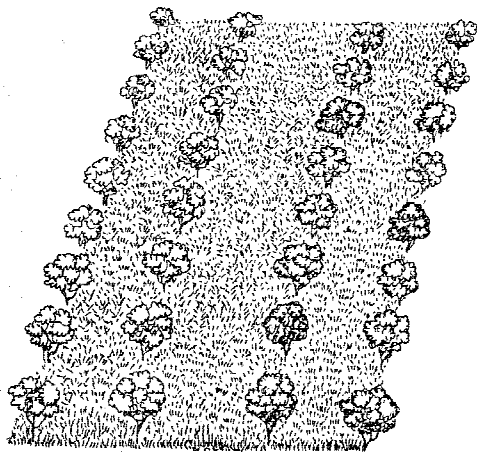
NkV iM ;k >kfM;k dk ifDr;k e yxk ldr gA ,d ifDr l nljh ifDr dh njh
4 l 6 ehVj rd j [kuh pkfg,A ifDr e ,d ikèk l nlj ikèk dh njh 0-25&0-5 ehVj
j [kr gA tc ikèk yxHkx 6 egHu d gk tk, rc mUg 0-5&0-75 eh dh Åpkb ij dkV



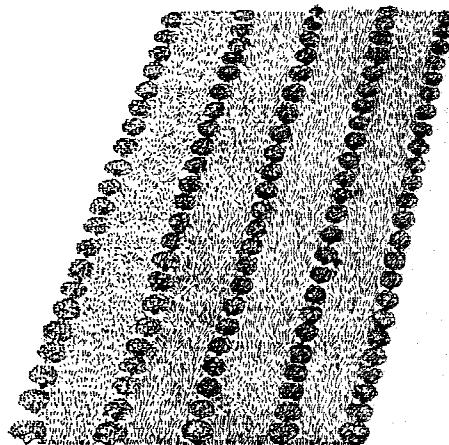
$\frac{1}{4}v\frac{1}{2}$ [kr d fdukj iM



$\frac{1}{4}c\frac{1}{2}$ [kr d bèkj&mèkj iM



$\frac{1}{4}l\frac{1}{2}$ [kr e ifDr;k e iM



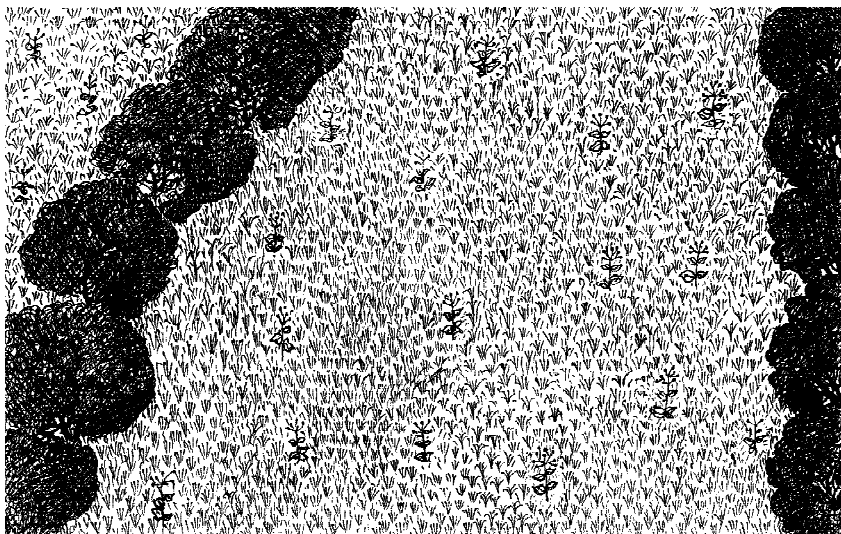
$\frac{1}{4}n\frac{1}{2}$ >kfMuek ifDr;k

fp= 26&1&1

fn;k tkrk gA dKv x, fgLI l ub 'kk[kk, fudyu yxxh] mUg c<u nuk pkfg,A
 bu 'kk[kkvk dk o"e 2&3 ckj fu;fer : i l dKvk tk ldrk gA NVkb Qly cku
 l igy dh tk ldrh gA ft ldk mi;kx pkj vkj dEikLV d fy, fd;k tk ldrk
 gA bu >kMhuek ikèkk d chp dh [kkyh txg e çkÑfrd : i l tMh&cfV;k vkj ?kk l
 mxu yxxhA blug mxu nuk pkfg,] ; [kkyh txg dk Hkj nxh vkj ,d NkVv l k
 ^çkÑfrd ou** {k= cuk,xhA

<yok Hkfe e >kMhuek ifDr;k <ky d ledk.k e yxkb tkuh pkfg,] ; Hk&{kj.k
 dk de dju e enn dj ldrh gA vFkr] ; >kMhuek ifDr;k [kr l cgu okyh
 feVVh dk jkdrh gA bl feVVh dk {kj.k Hkkjh o"kk d fnuk e gkrk gA FkkMk&cgr
 {kj.k rc Hkh gkrk g] tc [kr vPNh rjg l eYp l <dk gkA

lccy] Mpj] Xyfy lhfM;k] dkf l ;k] 'kgrr ¼ckDI 8&1 iMk d cht ,df=r dju d
 ckj e lpuk n[kk dN , l uke g] ftUg [krk e >kMhuek cuk, j[kk tk ldrk gA vkid
 bykd e ey : i l mxu okyh vU; >kfM;k dk Hkh vki yxk dj n[k ldr gA



fp= 26-3-2 flpr Hkfe e >kMhuek lccy] xg vkj ljl dk feJr [krh dk n'kkrk gA
 ¼4½ mijkDr rjhdk dk feykuk

Åij fn, x, rhu rjhdk dk viuh vko';drk vkj [kr dh fLFkr d vulkj
 feyk;k Hkh tk ldrk gA

geu b l l ky t k l h [k k m l d k n k g j k o

vc vkiu bl o"lk dh dk; iFlrdk d lc vH;kl dj fy, g] iufopkj dk le; vk
x;k gA uhp dN ç'u fn, tk jg g tk vkidh ml ij iufopkj dju e lgk;rk
dix tk vkiu bl o"lk lh^{Fl}kk gA

bu lc ç'uk dk mRrj nu d fy, gj Vkyh d lc lnL; fey dj fopkj djA tc
lc Vkyf; k viu mRrj r; kj dj y rc vkid vè; kid nk ; k rhu Vkyf; k l viu
mRrj i<dj luku dk dgxA d{kk mu ij fopkj&foe'k vkj ryuk dj ldrh gA bl
rjg lcdk ekye gk tk, xk fd gj ç'u d ij vkj lgh mRrj e D; k&D; k ckr vkuh
pkfg, A bld ckn vxj t : jh le> rk gj Vkyh viu mRrjk e l'kkèku dj ldrh
gA

bu ç'uk dk mRrj nu e viuh dk; ifLrdk dh lgk; rk y^{hft}, A ;kn jf[k, ;g
dkb ij^hkk ugh gA

viu vfre mRrj dk ç'u d ckn nh xb txg e fyf[k,A

ç'u

- 1- bl lky vkiu lcl #fpdj ckr dku lh lh[kh\ %bl dk dkb lgh mRrj ugh
gk ldrk! gj fon; kFkh dh viuh&viuh iln dh ckr g%A

[illegible]

2- iM dh ikèk jkiu dk lgh rjhdK D;k g\

4- ^vi?kVd* D;k gkr g\ iMk d fodkl e o D;k ;kxku djr g\

5- Hkxorh d Ldy e o"kk d ikuh dk bdVBk dju d fy, ,d Vdh gA Ldy dh Nr ij fxju okyk o"kk dk lkjk ikuh Nr d Nkj e cuh ukyh e fxjrk g fQj ,d ikbi l gkdj Vdh e pyk tkrk gA ikuh dk Ldy dh ikèk*kkkyk e ikèk dh flpkb d fy, Hkh bLreky fd;k tkrk gA Ldy dh Nr 4 ehVj pkMh vkj 10 ehVj ych gA fiNy lky Ldy e 120 leh o"kk gbA Nr l Vdh e fdruk ikuh cg dj x;k\ viuk mRrj ?ku ehVj e nhft ,A

- 5- ,d xko d ik"kd {k= ij fiNy lky 120 leh o"kk gbA gj ukyh l lky Hkj
e 120 ?ku ehVj ikuh cg tkrk gA bll vkidk ik"kd {k= dh gkyr d ckj e
D;k irk pyrk g\

- 6- Hk&{kj.k d D;k y{k.k g\

- 7- ge viu xko d ik"kd {k= e Hk&{kj.k dk dl de dj ldr g\ Hk&{kj.k dk
de dju dk D;k egRo g\

8- feVh dI curh g\

9- volknh f'kyk dI curh g\

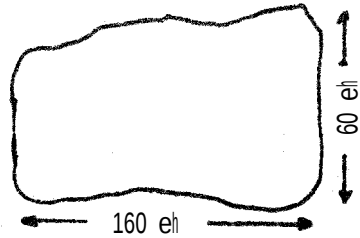
10- uoEcj ekq e fd lh ,d fnu ,d ty lkr dh eki dju ij bldh ty çokg
dh nj 3 yhVj çfr feuV ikb xba ;g ekudj pfy, fd ;g nj ij eghu ,d
lh jghA uoEcj d ij ekq e bl ty lkr l fdruk ikuh fudyrk g\ viuk
mRrj ?ku ehVj e nhft ,A

11- ty lkr D;k gkrk g\

12- ge ;g D;k dgr g fd pjkb gekj ik"kd {k= d çcuèk dk ,d ^v l jf{kr* r jhdk
g\

13- jkex< xko e i k"kd {k= dk fuEufyf[kr Hkkx g ft l xko oky iu\LFkkfir djuk
pkgr gA o pkjk ofk yxku dh ;ktuk cukuk pkgr gA mlg bld fy, fdru
iM dh ikèk pkfg,\

m l {k= dk ekufp= ;g g



14- Hkfexr ty Lrj e deh d D;k dkj.k g\

vè;kid d gLrk{kj

fnukd

Lokxre

dk;l çn'ku fno l

d{kk 7

vc vkiu bl lky dk ikB;Øe ijk dj fy;k gA ;gh oDr g fd vii dk; dk
vii ifjokj tuk vkj vè; ;u xke d fuokfl ;k d lkeu çLrr fd;k tk,A ;g çn'kuh
fiNy lky dh rjg vk;kftr dh tk,xhA ble çn'ku d fo"i; ;gk fn, tk jg g %

1- o"kki dh eki % o"kk dh eki dh èkkj.kk dk pkV k rFkk vyx&vyx rjg d cruk
dh lgk;rk l le>kb,A o"kkekih dh lgk;rk l ckfj'k d l eki h tkrh g
çn'ku dhft,A vii fon;ky; e fiNy lky dh ckfj'k dk fetkt d l k jgk
¼pkV¼A ¼vH;k l 17 vkj ckD l 17&1¼A

2- Hk&{kj.k % Hk&{kj.k d l gkrk g] bldk çn'ku dhft,A ;fn gk l d rk t gk
okLro e Hk&{kj.k gk jgk gk og txg fn[kkb, ¼t l fd] fon;ky; d enku e
t gk Hk&{kj.k gk jgk gk viuk çn'ku ogk ij jf[k,A ikuh d cgko rFkk tehu
nokjk l k[k tk] tehu d <d u gku dh fLFfr e o"kk dh cn d l tehu dk
ud l ku d jrh g¼A jky o uky] iRFkj vkj iMk d uhp cph feVh dh rg
¼ihfBdk,¼ dk crku oky pkVA lkeku; ,o Rofjr Hk&{kj.k d chp vUrj dk
c;ku dhft,A lkeku; Hk&{kj.k dh nj] jkd&ckèk] Hk&L[kyu] iu¼LFkkiu dk
o.ku dhft, ¼vH;k l 18 ckD l 18&1 l 18&6¼A

3- lh<hmkj [krk dh lgh cukoV % Bh d vkj xyr rjhd l cuk, lh<hmkj [krk
d ekMy] Hkhrj dh rjQ d <ykuA ,d Nkj l nlj Nkj dk <yku] ?kk l hy ty
ekx vkj eMk d egRo dk le>kb, fd bu g D;k cukr g lgh rFkk xyr rjhd
l cuk, x, lh<hmkj [krk l Hk&{kj.k dh nj ¼bu njk dk lkeku; Hk&{kj.k dh
nj l ryuk dhft, ckD l ¼18&4¼A

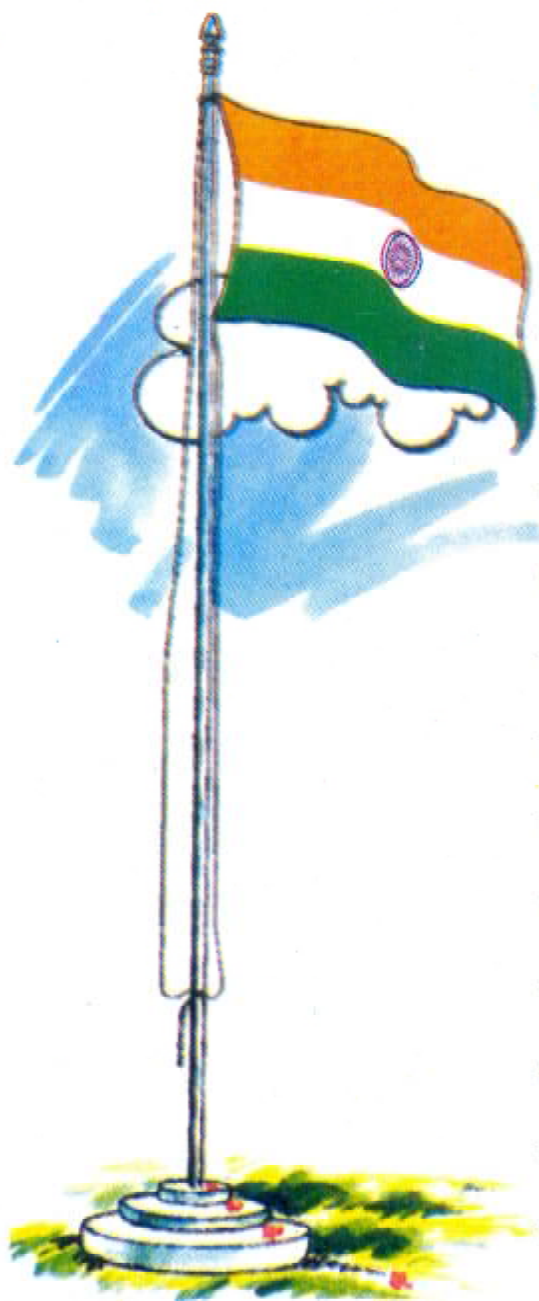
4- çkÑfrd typØ % xke ifjr= e çkÑfrd typØ dk n'kku oky pkV &
Hkfexr ty Lrj d de gku d dkj.k rFkk ty Lrj dk iu¼ lrfyr fLFfr e
yku d fy, Qlyk d ifjoru dk çHkko fn[kkr pkV vkj tykØfUr pkV nokjk
le>kb,A ¼vH;k l 22 vkj ckD l 22&1¼

5- lkr D;k g] % pkV dh enn l le>kb,] l kFk gh vyx&vyx vkdkj d fvu
d fmcc ftud ry e vyx&vyx vkdkj d Nn gk ¼cgko dh nj vkj le;]

fVu d vkdkj] Nn d vkdkj vkj ft l xgjk rd ;g ikuh l Hkjk gk ij fuHkj
 djrk g & bu dkj.kk dk çn'ku fd;k tk ldrk g^{1/2}A crkb, fd ty lkr l
 ikuh dh cgko nj dI ekye djr gA viuvè; ;u xke e lkrk dh cgko nj
 dk pVv e çLrrhdj.k ^{1/2}vè; ;u xke d vvx&vyx lkrk d cgko dh çÑfr
 dk fVu d fMcck l lEcUèk cukb, ^{1/2}A ^{1/2}vH; k l 22] ckDI 22&2^{1/2}

- 6- feVVh dk cuuk % feVh dI curh g ;g fn[kku d fy, pVv feVh d d.kk
 d fuek.k e o''k d ikuh] ikuh d teuj iMk d mxu vkj vEy cuu dh fØ; kvk
 dk o.ku dhft ,A viuv çn'ku dk Ldy d enku e , l h t xg ij jf[k, t gk ij
 vki ij h tehu dh ijr k Hkfe ik'o n' ;^{1/2} dk fn[kk l dk t gk áel okyh feVh
 gk vkj t gk áel okyh feVh u gA feVh cuu dh nj vkj lkekU; rFkk Rofjr
 Hk&{kj.k dh nj l bl dh ryuk fn[kkr pVv ^{1/2}ckDI 23&1 vkj 23&2^{1/2}
- 7- feVVh dh xgjkbl % d l ukih tkrh g çnf'kr dhft , ^{1/2}viuv çn'ku LFky
 ij , d xM<k cukb, ^{1/2}A feVVh dh xgjkbl l iMk dh c<okj ij v l j fn[kkr
 pVv <yku vkj feVh dh xgjkbl dk lEcUèkA Rofjr Hk&{kj.k rFkk ox III
 dh Hkfe dk cuukA vè; ;u xke d ik''kd {k= dh Hkfe dk oxhdj.kA
^{1/2}vH; k l 23] ckDI 23&1^{1/2}
- 8- feVVh vkj ikuh d l lnhki e igkM vkj enku dk lEcUèk % pV ;k ekMy
 nokjk çnf'kr dJA ^{1/2}ckDI 18&2 vkj 18&3^{1/2}
- 9- xke ifjr= e o{kkjki.k dh lEHkkouk fn[kkr pV ;k ekMyA ^{1/2}ckDI
 24&1] 24&2 vkj 24&3^{1/2}
- 10- ctj Hkfe iu%LFkkiu % ctj Hkfe iu%LFkkiu dk çn'ku ;fn fon;ky; dh
 tehu e gh fd;k x;k gk rk ogh fd;k tkuk pkfg,A ugh rk] ifj;ktuk LFky
 dk pV nokjk tehu ij uD''kk cuk yA pVv dh lg;rk l ctj Hkfe
 iu%LFkkiu d rjhdk dk crkb,A çÑfrd rFkk ekuoh; l dkjRed glR{ki l
 gvk iutuuA ifj;ktuk LFky d fy, çcèk ;ktuk dk o.ku dhft ,A ikèkk d
 çdkj ftudk jki.k fd;k tkuk g ^{1/2}vH; k l 24] ckDI 24&2^{1/2}A
- 11- tfod [krh% tfod ,o vk''kèkh; ch tk dk l xg d ykHkk dk crku oky pVv
 ch tuku dk rjhdk ,o vk''kèkh; ikèkk d pVv ^{1/2}vH; k l 19 ckDI 19&1] 19&2]
 19&3 vkj d{kk 6 d vH; k l 11] ckDI 11&1] 11&2^{1/2}

bl i.k : i l Hkjh xb! dk; ifLrdk dk l Hkky dj
 jf[k,A vxy lky vkidk bl dh vko'; drk gkxhA



राष्ट्रगान

जन-गण-मन-अधिनायक जय हे ।

भारत भाग्य विधाता ॥

पंजाब सिंधु गुजरात मराठा ।

द्राविड़ उत्कल बंग ॥

विंध्य हिमाचल यमुना-गंगा,

उच्छल जलधि तरंग ॥

तव शुभ नामे जागे,

तव शुभ आशिष माँगे ॥

गाहे तव जय गाथा ॥

जन-गण-मंगलदायक जय हे,

भारत भाग्य विधाता ॥

जय हे, जय हे, जय हे,

जय जय जय जय हे ॥

