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Q oLkkr l qkj
jkVh; iQdl leg
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vk/kj i=k



राष्ट्रीय शैक्षिक अनुसंधान और प्रशिक्षण परिषद्
NATIONAL COUNCIL OF EDUCATIONAL RESEARCH AND TRAINING

iEke lAdj.k
tuojh 2009 iKk 1930

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i f' "kn" 2008

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izl'ku lg; k

- vè; {lj izl'ku foHkx % *iE'k'k vjkt loQlj*
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- ed; l'and % *'ork mli y*
- ed; Q; k lj iz'ad % *xk'e xkayh*
- l'and % *uj'sk; kno*
- mR'knu % *v#. k fprdljk*

l Tt k, oavloj. k
'ork jlo

I kj&l ali

- 1- Hjr oQ lfo/ku oQ 86oa lals/u oQ rgr , oavfHhoda dh f'k'k oQ fy, foLi Q/d ek oQ l nHZ ea vius fo |ky; la dh xqlo Uk dls c< kus oQ fy, vS Hjr; f'k'k O, oLFk ea cnylo oQ fy, geljh ;g "k jr gls trh gSfd ge de&l &de d{k nl rd dh fo |ky; h'f'k'k oQ l loZedj. k dh fuja j vli Qyrk/aij xHjri oZl foplj dja rfd ;g Hjr; lfo/ku ea i r"Blfir lekt oQ n'Z dls lkdj dj loQ
- 2- fo |ky; la }k'k cfg"dj. k dh l j puk/aoQ fo #¼ l fØ; rk l s dle fd, t kus dh "k jr gS rfd fo |ky; la ea cPp la dh i jh Hx m l j h g s l oQ fo |ky; ; g l fuf' pr djafd i R, d fo |FHZ dh fo |ky; h t hou rd igp glA fo |ky; la dls mu cPp la dls i H l fgr djuk pfg, vS l fo/k; nsh pfg, tks fo |ky; N M x, gS; k clgj /oQ y fn, x, gS rfd osokil vk loQ os ;g Hh l fuf' pr djafd cPps de&l &de d{k nl rd fu; fer f'k'k i k loQ os bl cr dls Hh le> avS vey djafd f'k'k cPp la dkl fo/ku i n'k v f e d l j g S v S j f' ; dk ; g drØ, curk gSfd bl vf/dlj dh i r Z d j A fo |ky; la dls l enq eal Hh cPp la oQ dY; k k r Fk vf/dlj la dh fuxjuh oQ fy, u oQ y emn djuh pfg, c f Y d bl s c < l o k n s k p f g , r Fk bl s i n f ' E Hh djuk p f g , A
- 3- xjc cPps fo' k k r S ij os cPps ftudh igyh i k h fo |ky; h'f'k'k i H r dj jgh gS oQ fo "k ea ; g l n s k Li "V glak pfg, fd muoQ fy, ?kj ij f'k'k i H r djus dh d b Z O, oLFk ugh gA d b Z Hh cPp k f t l s LoQ y ea i < k k t k j g k g S m l s l e > eau vkus dh otg l s v F l o k / l e h x f r l s l h [k u s d h o t g l s f o | k y ; l s u f u d k y k t k A l a v Z f ' k ' k O, oLFk bl oQ de Z l j ; la r Fk fo |ky; la oQ f'k'k d la dls ; g l e > u k p f g , f d ' k d h O, oLFk oQ mi ; Ø r < x l s c n y u s d h v l o ' ; d r k g S r f d o g b u c P p l a o Q i f r l o s u ' h y g s l o Q
- 4- ; g f'k'k d gh gSft l s l c l s i g y s c P p l a o Q c P p l a l s ^ f o | F H Z c u u s r d o Q l i H g d k v u l o i H r g l r k g S v S o g l H h i z l j d h l l e f t d j l l e N f r d r Fk H k ' k h c k / k l a d l s i l j d j r k g A , d v m n f o | k y ; u t k u s o k y s c P p s d l s H h ^ f o | F H Z e a c n y u s e a O, oLFk dh f < y b Z l o Z l e d r k o Q f l ¼ l r d l s g Y d k d j r h g S v S f'k'k d l s ' k D r g h u c u l r h g A c P p s d k f'k'k d k v f / d j v S f o | k y ; l a e a H x m l j h d k v f / d j f'k'k d l s m l c P p s d l s f o | k y ; e a j [k u s v S c l j u t k u s n s d h A t Z i n k u d j r k g A o L r o e a c P p l a o Q f'k'k oQ v f / d j v S f'k'k d l ' Ø r d j . k d l s , d n w j s l s t M k g l a k p f g , A f'k'k d i j f o ' o k d j u k , d , l h v l o ' ; d r k g S f t l i j l e > l s d k d b Z i z u g h u g h a m B r A

5- i f f e d f o | k y ; l a o Q L r j i j d { k v l s f o | k y ; l a e a l e n k d h H x m l j h b l c r d h e l x d j r h g s f d i B ; p ; Z o Q , d f g l l s d l s ; k r k s f o | k y ; o Q L r j i j j p k t k ; k f i Q , d g h { l k e a o Q L o Q y l a o Q l e g o Q L r j i j A b l i f O ; k e a D y L V j f j l k Z l V j (l h v l j - l h) | C y W f j l k Z l V j (c h v l j - l h) v l s M b V e a d l e d j u s o k y l a d l s ' H f e y f d , t k s d h " k j r g A m l g a f o | k y ; l a v l s i f f e d f o | k y ; o Q c P p l a o Q l F k i ; Z r l e ; f c r k u k p l g , r F k f ' k l d l a o Q l F k y a s l e ; r d d l e d j o Q l l e x h v l s f o p l j a d l s l k e u s y u k p l g , A

6- i R , d L r j i j e l s n k f ' k k l s t y h l i F k v l a e a y l d r a k d j . k d h i f O ; k v l a d l s e t c w d j u s o Q f y , O o L F k e d c n y l o " k j f d , t k j v l s b u i f O ; k v l a d h f l F k r d l s n ' l z s o k y s r j d l a d l s H h m i ; D r t x g f e y u h p l g , A f o o Q d j . k o Q l k k l r j l o Q o Q t f j , g h L o Q y | f o H x r F k ' l s f . k d l i F k v l a d k f o o Q d j . k g l d r k g A L F k u h , i z k l u O , o L F k d l s L V H Q , o a u l s j ' l g h o Q i R , d l l s k u l a o Q O ; f D r ; l a l s H k j l e F z d h " k j r g l s l d r h g A b l l a a e a e q ; e u s g a & L F k u h | i h r , r F k j k V t , L r j i j d l e d j u s o k y h c g L r j h j k t u l f r d f o H x h O , o L F k d h : i j s k c u k v l s i R , d L r j d h c P p l a o Q f ' k k o Q v f e l d j o Q l e F z e a H f e d k o Q f o " k e a l e > f o d f l r d j u l A

n l w j s ' k n l a e l f o o Q d j . k d l s f u p y s L r j o Q i n k u o Q e i j , i h f ' F e a k j ; l a d l s y k u s o Q : i e a u g h a y n k p l g , t l s m u o Q f u . l z i f o Q k o Q f y , m i ; D r u g l a f o o Q d j N r ' l s { l d O , o L F k e a i ; Z r y p h y k i u , o a L o k U r k g l a h p l g , A l F k g h u l f r f u e l z k f o k v l o y u | i z k l f u d f u n z l d i k o / k u | v d k f e d l e F z v l s , d d k u u h r F k f u ; f e r < l p k b l i z l j r s j f d ; k t k r f d o g l c l s f u p y s L r j o Q L o k U k f u . l z y u s d h i f O ; k d l s l e F z n s l o Q O , o L F k d l s f o | k y ; h H x m l j h d l s c < l u s l l N f r d f o f o / r k d l s l f e f y r d j u s l v e ; k u k r F k l l e f t d n f ; R o d h ' l e v l r d j u s e a l { l e g l a k p l g , A

7- x e i p k r a d h m l e H x m l j h } j k l e n k l a d l s e " l c w c u k t k u s d h v l o ' ; d r k g A l F k g h f ' k l d l a d l s H h v i u s n f ; R o l a d l s i H h o h < x l s i j k d j u s o Q f y , l ' D r f d ; k t k u k " k j h g A r c H h f o o Q d j . k , o a L F k u h , H x m l j h o Q f y , x g l j d e j o h n i N f r d h u g h a g A (b l d k l e l o b l f y , f d ; k x ; k g S D ; l e d l (e) ; k u k o Q f y , | c P p l a d h " k j r o Q v u q i d k z l f r k c u k s L F k u h l a k l a d l s l y > k u s r F k L F k u h L r j i j l e L ; k v l a d l s l y > k u s o Q f y , b l d h v l o ' ; d r k g A b l r j g o Q f u . l z , i s L r j i j u g h a f y , t k l d r s t l s L F k u h L r j l s A i j u g l a v l s f t u e a l e n k r F k L F k u h f u d k l a d h H x m l j h u g l a b l f y , L F k u h l a H z o Q l F k l a f r c S l r s g q i B ; p ; l z i f j o r z i e a c g y r k r F k l l N f r d f o f o / r k d l s e l u n s k v f u o k Z g l s t k r k g A

8- Hfcdkvl oQ l nHZ ea Hh Li "Vrk glnh pfg, vS l awZ l j puk dh dk Zof/ ijLij
 ijdrk oQ fl ¼kr ij fVdh ghZglnh pfg, A ; g f" fEsofj; la oQ ngjko] le; dh cclZh
 vS l á k/u rFlk fu; ak koQ foHæ dlsnjv djkA 'LFkuk; fudk h oQ fy, [kyheWVfjæ
 rFlk y{; fu/lZ.k dk dk Zæ gh ugh glnk pfg, cfd bl oQ l eFZ oQ fy, j puk ;
 fodfl r dh tkuh pfg, A ; g O, oLFk O, ol k hdj.k rFlk inkuæ oQ iæ sl l ki ku oQ
 vf/dlfj; la dh l ?ku Hkxlnjh dh ek djrh gA

9- l awZ O, oLFk dls y{; pkyr glns dh txg ifoQ k pkyr glnk pfg, A ; g l lfer
 vofek laeav oQjr glns okyh y? qifj; k ukvl dh txg , d ych vof/ oQ v rjilf < d
 ; k uldj.k dh ek djrh gA bl oQ vylok dk Zzkyh dk rj&rjhdk , s k gk ft l sl Hh
 le> l oQ rFlk loh d j l oQ l Fk gh ; g f' kld' f' klfon~, oais loj la dh i "BHæ
 lsvk yk la dh ek oQ tok ea O, oLFk rjhoQ lsrduhdh l gk rk , oaf o' kkrk
 egSk djok loQ vius ok' lZl eW; klu@iV ea iæ sl l rj dks elyu l hvj-lh] ch
 vj-lh] MbV] , l-l hbZvj-Vh rFlk l Hh f' kfk foHk h ijh k cMæ dks lenk] f' kld
 rFlk fo |ky; la dh vj lsvbZghZek la oQ l nHZ ea muoQ } jk fd, x, ulfrxr l qj h
 igydne; la dk fjdMzi sk fd; k tkuk pfg, A ifrZ pkyr f' kld dk æ l sfdl h Hh
 dler ij cpuk pfg, vS tc Hh Åij lsulps mikæ okys dk æ la dh vlo'; drk
 gk fo |ky; h f' kld la ea bl oQ ifr fo' ok cucus oQ fy, vlo'; d le; fy; k tkuk
 pfg, A l Hh izlj oQ fu. lZ la dk l Fkuldj.k fd; k tk u fd mlgæ vLFk h rj ij
 O, iDrxr ifrfo; k oQ : i ea; k fo k pkyr , tMk oQ : i eafy; k tk A

10- l eko f' kr iB; p; lZ% iB; p; lZ dsl l nfrd fof o/rk la dk vlnj djuk pfg, rFlk, s h
 ulfr; k cuk j t sfdl h dk Hh cfg" d j u d j A

11- i pkyr f' k k O, oLFk oQ fo oQ dj.k oQ de&dk dh t p djus oQ fy, geafu; fer
 : i ls' l s' vè; ; u djus, oajiVa cukuh pfg, vS l Fk gh ; g n s luk pfg, fd D; k
 O, oLFk r rFlk l æ Bule d ifjorZ gq gæ vS bu vu l o la dks cVus dh Hh fuja j
 vlo'; drk gA

i kB; p; kZcnyko oQ fy, Q, oLFkxr l q'kj ij cus

jkVh iQdl leg oQl nL;

i k 'k k fl Qk (vè; {D

l fpo/ , e-oh i Qm k u , oa

i k jk ulfr 'k k

g f j k n fo' ofo | ky;

v l / z i n k

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j k L F k u

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J l e r h f o e y k j l e p a u

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x c & l | l g f o d k 6 8

v l b Z i h , D l V a k u

f n Y l k & 1 1 0 0 9 2

i k f u e z x l r k

M h b Z i h , i Q b Z

, u - l h b Z v l j - V h

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u ; h f n Y l k & 1 1 0 0 1 6

M W i h l h e l g i k k

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l o Z' k k v f k k u (, l - , l - , -) , o a f' k y k

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y [k u m & 2 2 6 0 0 7

m l j i n k

l q' h v a y h u j k k

, d y 0 ; b & 7 @ 4 5 3

v j k d y l | H i k y & 4 6 2 9 1 4

e è ; i n k

i k c k v e f ; w

o q' M b j D v j

, D' k u , M & b f M ; k

l k & 8 8 | l k r f k , D l V a k u i W & I I

u ; h f n Y l k & 1 1 0 0 4 9

J h n ; k j e

v l k k [k u i Q m k u

l j k t u h g m l | f } r h ; r y

6 | H x o k u n k j M

u ; h f n Y l k & 1 1 0 0 0 1

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vYefoyl 25] gph jM oQl VmQ
cxy#&560005
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MWohMh H^

i n p d / f' k' k f o H k
{lkr, f' k' k l i Fku} , u- l hbZvkj- Vh
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duVd

l q h j f' e ' k e Z

303] , f' k u x E l f o y t
u; h f n Y y h
i s t h j f o a k (l n L; l f p o)

i z k u p k Z
{lkr, f' k' k l i Fku} , u- l hbZvkj- Vh
eSj#&570006
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v k e k r l n L;

Jh f' louk k j k t q

bZ/hoh] gsjkcn
vl'zinsk

Jh i h / u t ;

, e- oh i Q m k u] gsjkcn
vl'zinsk

i s o h l q k d j

f' k' k f o H k
m l e f u ; k f o ' o f o | k y ;
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Mk xjohu d l S

i p k Z, o a l f p o
l V j i Q W y f u x
l h & 1 2 8] , - M Y ; w p - v l k o n f o g j
l H k u x j] f l o n j k c n & 5 0 0 0 1 5
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i p k Z M b V] u s M e V
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Jh , l- fouk d

i z k u p k Z i h , l - ' W - h y k i Y y h
g m l u - 1 2 & 7 6 j l o y k p e d ^ k
i K V & e F k u l & 5 0 5 1 8 4
f' k y k & d j e u x j

vl'zinsk

Jlerh v furk d l S

l f p o] , u- l hbZvkj- Vh
Jh v j f o a e k Z u ; h f n Y y h & 1 1 0 0 1 6

i s v f u y l n x i k y

l V y b L V W ; W v W Q , t o Q k u
f n Y y h f o ' o f o | k y ;
b Z 8 @ 9 ,] l g d j u x j
H i k y & 4 6 2 0 3 9

eè; insk

i s t W o Q j ; u

f u n s k d] l V j i Q W y f u x f j l h Z
u - & 8] n D d u d l w t j k m
; j o n k
e g j K V a & 4 1 1 0 0 6

Jh nlelj tñ

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MWbQ txuik jlo

funškd/ Ma, l-bZvkj-Vh

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dfkq]š cuk lalj h III LVt

cxY# & 560085

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I qhnik /ujk

268] i hpok ØW jM

FMEs] | CyM

djexy] cxY# & 560034

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vkbZ-, l-] laφr l fpo

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MWMh xli ky jlo

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cxY# & 560070

duZd

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lgk d f'kld

xoeV, y-ih, l-

fpDdk vudulgYyh

rkyq emaj

eM;] rfeyuMj

Jh pXqjah

lgk d f'kld

xoeV, e-l h, l- cylokudh rkyq

f'kyk & xMk

/jokMfoQik

duZd

vuqñ l g; k

Jh vt; fl g] fnYyh fo' ofo | ky;] fnYyl&110007

MWjk/h 4@276] fpjth foglj xft; kch&201002

Jh euk elgu] ihMa 64@lh] ireij] fnYyl&110088

MWjatuk vjMh iñpd/ iB; Pk lZl eg] , u-l hbZvkj-Vh] u; h fnYyl&110016

fo"ķ l p̄h

l k̄&l āk̄i --v

ŷB; p; Ĺcnylo oŃ fy, Ń oLFkx l q̄lj* ij cus jk"Vr; Hkcl leg oŃ lnL; --vi

1- vrrr dk voykdu vŷ Hfo"; dh ; k̄uk --1

1-1 l h[us dk Lrj upk̄ Loŷ Nl̄us dh nj m̄p̄h --1

1-2 f' k̄ld̄a dh deh --2

2- dbZizlj̄ oŃ ljd̄lj̄ Loŷ --2

2-1 futh fo | ky; --3

2-2 fo | ky; l̄ ea l̄ p̄/k̄ j̄ --3

2-3 Ń oLFk l̄ a'h l̄ j̄cl̄j̄ --3

3- f' k̄k̄ Ń oLFk l̄ sxj̄lc̄ fo | k̄FZ l̄ adk̄ cfg"dj. k̄ --4

3-1 Loŷ ea mi fLFkr̄ dh l̄ eL; k̄ d̄k̄ l̄ e>us dk̄ iz̄ k̄ --4

3-2 cPps oŃ ?j̄ oŃ ok̄oj. k̄ d̄k̄ l̄ e>uk̄ --4

3-3 igyh īh̄ oŃ f' k̄FZ l̄ adk̄ fu#R̄ k̄gr̄ vŷ viekur̄ fd; k̄ t̄uk̄ --5

3-4 'k̄lj̄jd̄ vŷ ekul̄ d̄ p̄ul̄r; l̄ ok̄ys cPps --5

4- Loh̄F; vŷ oŃ k̄k̄ --5

4-1 det̄lj̄ l̄ s̄l̄rd̄ <lp̄k̄ --5

4-2 fu; e vŷ īf̄; k̄v̄l̄ ea: f<ēl̄rk̄ (xŷ&yphykiu) --5

4-3 ijh̄k̄ ea īoŷ gl̄k̄ --6

5- vuēkur̄ Ń ; --6

6- f' k̄ld̄a d̄k̄ fu. Ĺz̄ yns dh vuēfr̄ --6

6-1 f' k̄k̄ k̄īs̄ k̄ ea gl̄s̄ j̄gs̄ {k̄ dk̄ l̄ leuk̄ --6

6-2 vi; Ĺr̄ f' k̄ld̄ --7

7- xŷ&f' k̄ld̄h̄ d̄le --7

8- f' k̄k̄ dk̄ j̄k̄ ul̄rd̄j. k̄ --8

9- vulo'; d̄ fd̄le dk̄ f' k̄ld̄&ī f' k̄k̄ --8

10- Loŷ % Ń oLFk̄ dk̄ , d̄ fḡl̄l̄ k̄ --9

- 11- loŋ vŋ lenk --10
- 12- foŋŋr f'k'k Q oŋk --10
 12-1 DyLVj] ŋyd vŋ ftyk Lrj oŋ el ys --12
 12-2 DyLVj lāk/u oŋ --12
 12-3 ŋyŋ lāk/u oŋz --13
- 13- ftyk f'k'k, oai f'k'k klŋku (MbV) --14
- 14- jk; 'ŋkd vuq'alu vŋ i f'k'k if'ŋ~ (, l-l hbZvj-Vh) --15
- 15- jkVh Lrj dh lŋk; vŋ ulfr; k --16
- 16- lekulj lŋpuk; , oaQ oŋk; --18
 16-1 vYidkyd ifj; k uk; cule nŋZkyd nŋVdsk --19
- 17- lāk/u vŋ foŋh vojks' --19
- 18- f'k'k lŋkvadk Q ol k hdj. k (iŋŋj iŋŋk dk fodk) --21
- 19- bl iŋll ley dk ifj; ; %lŋi --22
 l mŋZxk --26

1- vrrr dkvoykslu vls Hfo"; dh; k uk
 Hjrhr lfo/ku oq 86oalaks/u (2002) us 6 ls
 14 o"lZrd oq l Hh cPpla dks f'k'k dk vfeldkj
 egSk djkk gA ;g , d nsk oq }ljk 20 djM-
 cPpla lsf, x, olns dk uohudj.k gA jk; oq
 ulfr funskd fl ¼kr (Hjrhr lfo/ku dk vuPNs
 45) cPpla oq tle ls muoq Loq igpus (0&6
 lky) rd dh vof/ eamudh nsk Hky vls ljk
 nns dks dgrsgA bl dk vlj nsk oq mu 15 djM-
 cPpla ij iMk gSftudk LoLF; vls nsk Hky , d
 , l k vnski-k gS ftldk l Eku djuk jk; dh
 clè;rk gA bl l nHzeavius Loq dh xqloÜk dks
 c<kus oq fy, vls Hjrhr f'k'k O, oLFk eacnyko
 oq fy, geljh ;g "k jr gskrh gSfd ge de ls
 de d{kn l rd dh Loq hf'k'k oq l oZsedj.k
 dh fujrj vli oyrkvlaj xHjrkioZl fopkj dja
 rfd ;g Hjrhr lfoèku ea vrufzgr lekt oq
 n'k dsk lkdj dja

1-1 l Hkusdklrj ulph Loq NMsdhnj Aph
 vk'knh oq l Ükou lky ch Hh , d vuèku oq
 vudkj 5 ls 15 o"lZdh mezleg oq 10&12 djM-
 cPps; k rks dHh Loq ughax , ;k fi G mglus Loq
 NM- fn; k ; s vius nsk oq cPpla dh vk'knh dk
 yxHk 50 ifr'kr gA Loq oq clgj jg x, cPpladk
 fujrj 'Hk k gsjgk gSrFlk ; sdle oq cl- rylsil rs
 pys tk jgs gA viuh {lerk dsk lkdj djus dh
 l Hkouk ; bu cPpla oq ik dHh de gA voSfud
 ?lsvdlevls vl akvr {lsh (Unorganised Sector)
 ea dle djus okys ; s cPpsu rks Jfed oq : i ea
 geljh pruk dk fgll k cursg u gh cPpla oq : i ea
 Loq oq clgj jgusokyh yMd; k dHh Nlh mezea

cky foolg dkf'kdj ghr gats muoq l avzfodkl
 vls of¼ dsk iHh for djrk gA ekul d vls 'kijfd
 pulfr; la dk l leuk djus okys cPpla dsk ijh rjg ls
 gh u"ljv n'k'k dj fn; k tkrk gA mglafdl h Hh rjg
 dh Loq hf'k'k dsk gfl y djuseaHk dj ijs kfu; k
 vrh gA

vc ;g , d LFfir l R, gSfd ljdkh Loq
 eq; r% xjrla oq fy, gA bu Loq la ea i<us okys
 "; lnrj cPps rele vojks lals xqjrs gq bu Loq la
 ea igprsgA ; |fi ;g O, oLFk nfu; k dh l cl scMh
 f'k'k O, oLFk v laeals, d gSij nHh, o'k; g cdkj
 vls v{le gA ;g ew rls ij , d jkVh; ljdkj dk
 elyk gS fd 54-6 ifr'kr cPps (56-9 ifr'kr
 yMd; k) d {k 8 rd dh i<hZijh djusoq i oZgh
 Loq NM-nrsg vls 66 ifr'kr cPps (68-6 ifr'kr
 yMd; k) d {k 10 ls sigysgh Loq l adsk NM-nrsgA
 (Hjr ljdkj) ekuo l ak'u fodkl eaky; oq
 ocl lbV ij 'k'f.kd o"lZ 2001&02 dk varje
 vclM) 'A tutkrh {lsh rFlk fi NM- f'ky la ea vls
 vudj for tfr; la , oa vudj for tutkr; la ea Loq
 t kus okys cPpla oq ifr'kr ea Hjh deh gA l Flk gh
 ih l ky rd fujrj Loq eatkus oq clotw oq y
 60 ifr'kr cPpsgh i< } fy [k vls cfu; lnh x. kuk dj
 i krs gA ekus O, oLFk jph gh , l h xbZ gS fd og
 oq y mu FlM- lscPpladk è; ku j [l stks d {k , d
 ea i nsk yrs gA vls d {k nl rd igprsgA o kRo
 eh uxj&fuxe Loq ; k ljdkh xeh k Loq dh
 d {k , d eank [kyk ynsokyk dlsZfo |FlZ d {k nl
 rd fdl h nqZuk ls gh igp i k k gS u fd bl
 O, oLFk dh jpuk l a dbZi zlk oq futh vls l loZ fud
 Loq la oq i lo/ku nsk ea , d vl ar vls vl eku
 f'k'k O, oLFk oq fy, f'k'k enlj gA

1. iHhed Lrj ij Loq NMsdhnj (d{k 1 ls 5) yM% 38-4% yMd; l% 39-9% vls oq 39% A mPp iHhed Lrj ij
 Loq NMsdhnj (d{k 1 ls 8) yM% 52-9% yMd; l% 56-9% vls oq % 54-6% A d {k 1 ls 10 rd Loq NMsdh
 nj & yM% 64-2% yMd; l% 68-6% vls oq % 66% (I k r % Mh vlsZy- ekuo l ak'u fodkl eaky;) Hjr ljdkj dh
 ocl lbV |k'f.kd o"lZ 2001&02 dk varje vclMA

1-2 f'kldadhdeh

; |fi 1993 ls 2003 rd uleklu oQ ifr'kr ea c<krjh ghZ gS & iFfed Lrj ij 26-15] mPp iFfed Lrj ij 37-49] gbZLoQ Lrj ij 43-21 vS mPp eè; fed Lrj ij 28-73] ijqf'kldadh ifr'kr c<krjheabl jYrly lsixfr ughagZ u gh mu vFlk ea LoQa oQ ifr'kr ea c<krjh ghZ bl izfkd klcsls [krjukd izko xehk ny&njkt rFlk tutrh, {shaf'kldadh?h; deho: i eanslk tkldrkgA ; |fi mPp iFfed Lrj ij LoQa vS f'kldadh lq; k oQ nj ea tks c<krjh ghZ gS og dkk egbiwZ gS tcf d 0, oLFk dh lapuk bl eKrkij vk/kjr gSfd yxHx 1@ cPp tksfd iFfed LoQa eanf [lyk xsosmPp iFfed Lrj rd igppulsigysgh LoQ NM-nxsvS vU 1@ gbZLoQ ls igys vS blh izkj vks dh d{kvh ea

2- dbZizkj oQljdkhLoQ

Hjr ljdkj jk; ljdkj vS xehk {shadhFlkh Lo'hl hl LFkh (ipkr) vS 'lgjh {shoQ fuxe oQ fudk h}jk dbZizkj oQljdkhLoQ pyk tkrsgA

- vS pld ljdkhLoQ & jk; ljdkh}jk pyk tksokys iFfed] mPp iFfed] eè; fed vS mPprj eè; fed LoQA
- ifjorZLoQ (ifjorZ oQ le; cuk x, LoQ) & LFkh fudk h vS jk; ljdkh}jk iza' fd, tksokys f'kldadh; kuk oQ LoQ (eè; izsk NUH x<)-] jk lo xla'hib'lyk (jk LFkh) oSfyid LoQ (dbZjK; h ea LFkh eMy vS ule) f'kld'kldax (if pe cxy) br, knA
- fct dKZ (vokh h vS xS&vokh h) & LoQ u igpp iksokys vf/d mezoQ cPp oQ fy, vYidkyd LoQ rfd os viuh mezoQ vudkj x@d{k rd igpp loQ

Hjr

LoQa eai fr'kr c<krjh	1986&1993	1993&2003
iFfed	7-89	14-18
mPp iFfed	17-11	50-65
eè; fed	24-74	38-43
mPp&eè; fed	53-00	85-74
uleklu eai fr'kr c<krjh	1986&1993	1993&2003
d{k 1&5	12-94	26-15
d{k 6&8	24-93	37-49
d{k 9&10	32-11	43-21
d{k 11&12	55-72	28-73
f'kldadh lq; k eai fr'kr c<krjh	1986&1993	1993&2003
iFfed	8-75	17-83
mPp iFfed	12-73	40-01
eè; fed	14-62	20-09
mPp&eè; fed	44-30	68-68

İkr%NBk vfy Hjrtr 'kld l oZkk 1998 vS l kroq vfy Hjrtr 'kld l oZkk % 2004] , u-1 hbZlj-VhA

2. LoQ] uleklu vS f'kldadh ifr'kr ea c<krjh Hjr

- **oſifYi d LoQ & Ng ?Wsvſ pj ?Wsvyus**
okysLoQ vſ ^py&LoQ*A
- **vkJe'kyk& vlnok h cPpaoſfy, vlnok h**
dY;kkeaky; }jikfoſt, leFZ lspyk t kus
okysvſ pfjd vlok h fo|ky; A
- **vlok h LoQ & oſpr leg tſs vuſ ſpr**
tkr oſfy, vlok h LoQ tſ oſpr lenk
oſ dY;kk oſfy, l a/r eaky; oſ foſt,
leFZ lspyrgA
- **oſt fo|ky; & oſz ljdkj oſ deſkj; la**
(l'k-k l skv l fgr) oſ cPpaoſfy,] ftudk
LFk l rj. k l eps nsk ea dgh Hh gſ l drk gA
- **uola; fo|ky; & Hjr ljdkj }jik iyh rjg**
lſ foſt, leFZ vſ iz a/r rFk mN"Vrk oſ
fy, pyk t kus okys vlok h LoQA

2-1 futh fo|ky;

bu l coſ vylok ljdkj }jik eſ rki r , i s Hh LoQ
gſftudk iz a/u futh rſ ij fd; k tkrk gſ ftueal s
oſ ljdkj }jik vuſku Hh ikrsg vſ ckdh vſ dſ
dſZ vuſku ugha feyrk (xſ&vuſku i Hh LoQ) A
; |fi leph 0, oLFk eabu LoQ l d k i f' r de gſ
ij budh l a; k rſ h l s c+ jgh gſ vſ budk ; g
foſrj ljdkj LoQ l oſfy, "kcnLr puſh gA , i s
futh LoQ Hh gſ tſ fo' kV "k jr okys cPp l dſ
è; ku eaj [ldj pyk tkrsg tſ s cPp tſ nſ k ugha
l drſ l q ugha l drs ; k /leh xfr l s l h [kus okys
cPpA ; g nſ l fLFr gſ d cM l a; keaxſ eſ rki r
LoQ l vſ V; wu oſ h d k fodk gſ jgk gſ tſ oſpy
mu cPp l d k è; ku j [krsg tſ s bl dh dler nſ l drs
gſ vſ ; g xjch dh fLFr; laejg jgscPp l oſ fo#¼
pyh xbZ, d vſ pky gA³

2-2 fo|ky; laeal fp/k ;

, d vſ tgk LoQ l oſ dbZ i d j gſ ogha n vjh vſ
ljdkj 0, oLFk oſ bu LoQ l a ea eſ k k cſ; kuh
l fp/k l a dh miyC/rk ea Hh 0, ki d v rj gA Nſ
xpl a ea, i s Hh LoQ gſftuoſ i k viuk dſ Z Hou
ugh gſ vſ ; s LoQ fut h l lenk; d ; k fdjk oſ
deja ea pyrs gA ogha n vjh vſ cM xpl a ea, i s
LoQ gſftuoſ i k b v vſ i Fj l a l s fufeZ viuk
Hou gſ vſ muoſ i f l j ea oſ k Hh yxs gſ r gA
egkxjh {le l a auxj fuxe oſ LoQ l oſ i k cgſ k
Hou gyk djrs gſftudh vſ j h d j puk rſ v P N h
gſ h gſ y fdu fu j rj miſ k dh otg l s d l h [jik
gkyr eagſ r s p yst k r s gA

pf d ljdkj LoQ l oſ l a H Z ea, i h l e> gſ d
os v P N h f' k k n s oſ fy, vuſ; ſr vſ d l h
de"ſ gſ bl fy, midh txg rſ h oſ l Fk futh
LoQ yrs tk jgs gA m eal s v f/d l a k dk , dekk
foſt foſ k l u gſ r k gſ & ^v xſ h eè; e*A

2-3 O oſ k l a h l j l k j

orZku eaLoQ lenk vſ ml dh vLFZ l fofHkurk
dſ n' H Z s gſ l Fk gh os bl vyxlo dſ et c w Hh
dj jgs gſ r gA bl iyh 0, oLFk eat l s e d; el yk gſ
og ; g gſ d LoQ dſ , i s j [k vſ l e> k t k fd
; g l l e f t d cnylo dſ ykus okyh , d l Fk cus
vſ , d , i k LFk u gſ tgk cPp l oſ v f/d l j a dh
l j [k gſ h gſ r Fk tgk lerk vſ ſ k dh ogh
l a l y i u k l k l j gſ tſ k l ſ o / k u ea i f d f y i r fd; k
x; k gA Hjr; l a H Z ea LoQ dſ , d , i h l Fk oſ
rſ ij fy; k tkrk gſ tſ s cPp l dſ d l e vſ etnyh
oſ pDoſ r y s f i l u s l ſ cky foolg l s vſ y x d
v l e u r k l ſ f o f H k u i z l j oſ l e f t d vſ l a H n f r d

3. *irph (Hjr) VEV % n irph, t oſ k u f j i l Z u; h f n Y y l & 2002] i k f j i l Z & i f y d f j i l Z v W c l d , t oſ k u b u b ſ M; k
v W l H Q Z; f u o f l Z h i x] f n Y y h 1999 vſ j l e p a n] f o e y k (l a k) % t a j , M l k y b f D o V h b u i b e j h , t oſ k u & g h z c l Z
v W l , D l ſ] l t i f y o ſ k u] u; h f n Y y l & 2004*

HhHko lscpk vls tksubZihk oQ lla k/ula vls
 l hNfrd ipvh eamudh Hhkhjh l fuf'pr djsrFlk
 mlgasrele ph"laegSkdj k tks, d fo |FlkZgksuoQ
 ukrs mlgafeyuh plfg. A LoQy lkoZfud rls ij
 miyC/ , d , d h txg gSftleafd , d rjg dh
 lkoZfud Nvuh glrh gA tcf d ; g , d , d h txg
 glrh plfg, t gk cPpsvuk plgavls fofHku Lrjlaj
 laoQ djarFlk vRel Feku vls x#rk oQ l Flk l h[la
 ml lsHh"; lkegRoiwZ; g gSfd LoQy laea, d , d k
 cnylo yk ktk fd ogk cPpsvius dksfeyusokyh
 lfp/kvhl sijfpr glsl oQ t gk muoQ f' k k oQ vf/
 dlj dh l foQ rk oQ l Flk l j k dh tk vls ml s
 vks c<k k tk A

**3- f' k k Q oLFk l sxjlc fo | k f Z l a d k
 cfg"dj. k**

bl er oQ l Flk fd ljdjh LoQy eq; r% fofHku
 izlj dh xjrch dh fLFkr eajgus oks cPpla oQ fy,
 g# bu cPpla dh ijskfu; k gh O, oLFkr l q k oQ
 foe' lZdk oQzgh plfg. A gea; g Loldjuk glk fd
 LoQy O, oLFk xjrch dks Hk Hkr djusokyh gA tc rd
 fd og xh jrk l smu vojls laij e; ku ughansh tksbu
 cPpla oQ jlrseavrs g# xjlc cPps LoQy h O, oLFk l s
 clg j g rs j g x A bl l a HZ ea fu fufy f[kr fn' kv la ea
 izk fd, tks dh vlo'; drk g%

**3-1 LoQy eami fLFkr dh l eL; k dls
 l e>us dk iz k l**

l eph LoQy h O, oLFk bl ifjdYiuk ij jph xBZGS
 fd ifjokja oQ ikl vius cPpla dls LoQy Hk us oQ
 l k/u rks g gh l Flk gh osmu fu; ehl s fui V ikusea
 Hh l {le gAftuls ; g O, oLFk pyr h gA bl ea og
 {lerk ugh gSfd ; g xjlc ifjokja dh vLFkr vls
 vfuf'prrk oQ fy, Hh txg cuk l oQ dbZifjokja
 dh fuj {ljrk cPpla dh LoQy eami fLFkr dh vfu; ferrk

dls c<rh gSvls viok h etnyh oQ eleys ea yas
 le; dh vuq fLFkr glrh gA dbZcj cPps dh LoQy
 ea vuq fLFkr dh otg ml dh [lq dh clajh ; k
 ml oQ ifjokj dh clajh Hh glrh gA ; g dbZcj
 bl fy, Hh glrk gSfd cPps oQ v f Hk od O, oLFk
 dh mFemlad siyk ughadj iksvls osfofHku izk k
 i-k (t\$ sefMdy] t l e& i z k k t k r] l Flk ulj. ki =>
 ugha ikr dj iksftul sfd ; g O, oLFk pyr h gS; k
 fi g dbZvU ' l s l d l lexh t \$ s d w l LoQy dk
 cLrk bR, kn ugha [l j m i k r A t c rd LoQy h O, oLFk
 xjrch dh ijskfu] l eL; kv la dls ugha l e>xh og
 dHh Hh xjrch dls LoQy oQ fy, i h l kgr vls
 ije' lZ ughans ik xh xjlc vls l l ekt d rls ij
 gl' k sij thjgsl enk la oQ v f Hk od la oQ fy, ; g
 O, oLFk i j b Z vijfpr vls Hk dlj yxrh gA ; sl c
 feydj cPps oQ cfg"dj. k dls c<ok nrs gA

3-2 cPpla oQ ?lj oQ okroj. k dls l e>uk

LoQy h O, oLFk mu cPpla oQ ikr l o su' h y ugha glrh
 tks vyx fdLe oQ l h Nfrd ifjok l s vks gA
 LoQy h O, oLFk bl eal {le ugha fn [rh fd og l enk la
 dh l h Nfrd fof' k v r k l a d s ^ l e > * l o Q a ur l t ru
 ; g O, oLFk cPpla dh LoQy eav uq fLFkr dks Loldj
 ugha dj ikr h ctk, bl oQ fd , d f' f e n k j o ; Ld
 dh rjg ifjokj vls v f Hk od l a l s LoQy oQ r j s & r j d l a
 dks eku soQ eg l b vls "k jr ij cr dh tk] glrk
 ; g gSfd f' k k d l a d k cPpla oQ ikr tks #> ku vls
 O, ogkj glrk gS og mlgafojjr rjhoQ l s i Hk for
 djrk gA bl O, ogkj vls #> ku dk l c l s n d l n k h
 igywcPpla oQ vRel Feku vls v l e f o ' o k i j i M u s
 oky k bl d k i Hk o g S t l s c P p l a d s M j i k l v l s ' l a l y q
 cuk k g A o \$ h f L F k r ; l a e a t g k c P p s o Q ? l j d h H k k
 v l s L o Q y d h H k k e a l k o Q g l r k g s o g k l e > k u k
 o k r o e a , d c M k e l y k g l r k g A o k l r o e a L o Q y h
 O, oLFk Lo; adsi gir djusearFlk cPplard l h Nfrd
 vls l l ekt d rls ij , d l o s u ' h y o k r o j . k o Q

vaj gh cPplard igpuseav{le ikZtrhgA ;g
v{lerk xHjrk ls fopkj djus dh ek djrh gA

3-3 igyhikhoof' kKfZLadlsfu#R kgr vls viefur fd; k tkuk

dbZf' kKfZ, s gsrsgftudh igyhik f' k k gfl y
dj jgh gsrh gsbly, muo vffHod muo Loqh
dle eafdl hrjg dh enn dj ikuseal {le ughgrs
gA cPplaoSy, bl ea<yuk dHf efdy grk gS os
, d /ljs lh[kus okys cjs fo| kFZ oS : i ea fujaj
viefur gsrsg os mH iZu gsl dus okys u lh[kus
okys fo| kFZ oS : i ea oxLr dj fn, trsg os
yxrkj fu#R kgr fd, trsg vls cgqk var ea
ijhkvlaeaigy gstrsga os iB; i i r d] fy [kusi <us
dkleku vls ikkdu [ijhikusvls vf/dkj d rfk
x&v/dkj d ^Loqh 'M d** u nsikus dh viuh
v{lerk dh otg lsnMr Hhfd, trsga bl oS vylok
dbZc] mga' klfjd nM Hh fn; k trk gA "hig gSfd
, s sea oSy ; gh viskr gSfd osvius vli d k Loqh
0, oLFk lscgj /oSy tkus dh fLfr eaik trsgA

3-4 'kfljd vls ekufld puf; laokys cPps

lg; kxh lokv/ao vHko rfk Hh d lyHrk , oa
f' kkk 'H-kr j. kulfr nla ek ula ea vxE; rk dh
otg ls 'kfljd vls ekufld puf; laokys cPps
Loqh&f' k k lsiHoh <x lscfg"Nr dj fn, trsg
gA muo l h[kus ea vls Loqh&f' k k dh ifo d k ea
Hkx ys sea vkus okys vojls/ adls ce] dy gh le> k
trk gA urht ru ; s Pps fcuk n kky oS gh Loqh
ls dHh ijsjg trsgA

4- LoKF; vls oS k k

glfy; k l k; , s k fn [krs gafd "; kkrj xjlc cPps
oS k k d k f' k dj grsga muo i k l k i k u l ' H s
vls LoKF; oS n s kky oS fy, l y H k l k / u u g h a
grs urht ru os fujaj chej i Mrs jgrs gA t s s
l o e . k l s x f l r g s t k u l x g j h [h v l s l n l z ; k
fi q n w j h r j g d h f u ; f e r c h e j ; k s d k g h a
l j d j h L o q o o f o | k F Z L a d k , d c M k f g l l k x j l c h
d h i f j l F k r ; k l s v k u s o k y s c P p l a d k g r k g A [j k
i k k k v l s p o e c h e j ; k (l i k o z d h o e o , o L F k
v l s L o K F ; l i p / k v a d h v l y H r k o s p y r s) f u ; f e r
: i l s L o q t k u s d h c P p l a d h { l e r k d s d H h i H k f o r
d j r h g A ; | f i L o q o o f n u p ; k z e a n i g j d k H k u
, d l o k r ; k d n e g s y c d u d H h o o n f d ; k t k u k
v H c d h g s v x j g e [j k i k k k v l s L o K F ; o s f ' k k
i j i H k o i j e ; k u n s d h t + j r l e > A

4-1 detlj l s k f r d < h k

okro eaxjch l s Hh "; k k m l ^ x j c h o S r o z * l s
fd xjlc cPps Loqh ugha vk l drs D; k f d m ga
deluk grk gS bu cPplad k Loqh ea y s t k u s o k y h
d k ' k l a g r k k g r h g A ; g r o z b l d n j g r i k k f g r
djus oky k g r k g S f d xjlc cPplad k i r f n u L o q h
0, o L F k e a o g k o S b l r j g o S e l g y l s l a k i z d j u k
i M r k g A

4-2 fu; e vls ifo; kvlaea: f<e 1/4rk (x&yphykiu)

Loqh oS clgj NW p o S c P p l a d k n q k j k L o q h l s
t M u s e a d b Z r j g d h i j s k f u ; k v l r h g A 0, o L F k e a

4. >kvls >lxjul , fyevh , t o o l u i Q v n i q j l v , M v n j f M i b O M x i j l s j i Q v i H y l h f j l p z u ; h f n Y y h 2 0 0 2 v l s j k e p a n l
foeykr f k b z v j i - ; w l e % L u d l , M y S j % i o V j b a y q u f l x l D l s i o y i k e j h L o q o o y h k u i Q v f p Y M i b u i k o v i z
d a d l V l l m f k , f ' k u a e u M o y i e s l D v j f j i k Z u a 6 l f o ' o c e l u ; h f n Y y h 2 0 0 4
5. H j r l j d j l ; k u k v k k x f e M & V e z f j 0 ; w n n o u l b k i Q b o b ; j I y k u u ; h f n Y y h 2 0 0 1 % H j r l j d j l ; k u k v k k x f j i k Z
v H h n o f o e x x i v n p l b Y M M o y i e s i Q v n v k i Q b o b z j I y k u 2 0 0 1 _ o Y M z c e l j l f p a n p l b Y M % , u b a l f x j s M , i k p
V p l b Y M M o y i e s l v M H o M z ; f u o f l z h i s l f n Y y h 2 0 0 4

, d rjg dh tMk ghrh gSrFlk mu cPpla dks LoQy
 eanf[kyughafeyrktlsnf[kysoQ vfare rjh[koQ
 ch vkrsgA bl oQ vylok , d h dlbZrSjkh Hh nq kus
 dksughafeyrhfd mu ijkus cPpla dks tks dHh LoQy
 NIM- pQq glrs gA vS nqjik LoQy vuk plgrs gA
 LoQy ealek ktr fd; ktk Au gh muoQ fy, dlbZ
 txg feyrh gSft gkus oQ "Lz vS pljd Q, oLFk l s
 clgj jg dj lh[k gA ; g mu cPpla oQ ifr Hh
 xS&l onu' kyrkfn[krh gSt s vS pljd eljk eafcz
 dkl Z rt xfr lslh[kdj vS fof'KV d{kvla oQ
 tfj, vkrsgA ; g Q, oLFk miga LoQy ealek ktr
 gks oQ fy, vko'; d le; vS vdhfed lg; k
 u nclj] mudk cfg"dlj djrh gA

4-3 ijh[k eaiQy glk

xjlc cPpla oQ ik dlbZlg; kxh Q, oLFk ughagrh
 (tS s V; wu@dlpx] ?ij vS LoQy ea i<u&fy[kus
 dk okroj.k bR kn) rfd os tfVy iB;p; LZ l s
 viuk rkyey fcbk loQ [k rS l s i j h d vS
 ek; fed LoQy lrj ij] bl dk ifj. ke ; g grk gS
 fd tks cPpsclMzikh[k nrs gsmuea 50 ifr'kr iQy
 gk tks gA ; g ifj. ke vius ifr , d rjg oQ
 fudFei u oQ cl' lsrks Hjrkh gh gSl Fk gh LoQyh
 Q, oLFk l s clgj fudyus dk dlj.k Hh curk gA

5- vuqkur Q ;

xjlc cPpla oQ fy, ifr cPpk ol'Zl vuqkur [lpZ
 #i; s1200 l s 1500 #i; soQ clp eaga ; g Q, oLFk ; g
 viS[k djrh gSfd os cPpsft lga LoQy t kuse adfBulZ
 ghrh gsvS ftuoQ v fHh od Lo; aHh LoQy ughax, gA
 brus ol'Zl [lpZ ea i< &fy[k l oQ ; fi bl dh ryuk
 eè; e oxZvS mPp oxZl svkusokys cPplaij gks okys
 [lpZl sdh tk rks; g ml jh'koQnl oAHk l s Hh de
 gkA l Hh cPps LoQy eaugh gsvS u gh l h[k jgs gA
 bl fprk dks è; ku ea j[krs gq xjlc cPpla oQ fy,
 vuqkur [lpZ dks mi; Dr <x l s c<k k t luk plfg, A

tks vHh Hh djuk gS-

; g l fuf'pr fd; k t luk plfg, fd mijDr rele
 vojks' gVk tk; rfd LoQy dks LoQy] f'k[k dks
 f'k[k dks cuk k tk loQ vS cPpla dks cpiu fey
 loQ vxj ge iB;p; LZ dh : ijs[k ea Q, oLFk r
 cnylo dks iHh for djuk plgrs ghrh geank l a el ya
 dk gy fudkyuk ghrh igyk fd cPps d{kn l rd
 LoQy l ea Bgj loQ vS nvjh LoQyh Q, oLFk dks bl
 cl oQ fy, rSj djuk ghrh fd og mu rele cPpla
 dks viuk loQ vS lg; k dj loQ t k fd LoQy oQ
 clgj ghrh fd os LoQy l ea v k loQ

6- f'k[k dks fu. LZ ynsdh vuqfr

f'k[k dks vius isloj gks dk n"lZ pulfr; la dh ml
 nq grk l s i krs gft l dk l leuk os f'k[k dh fof'KV
 iofk l alst wrs le; djrs gft l s fd miga iR, cl
 cPps dks nsk grk gS rfd muoQ f'k[k oQ vf/dj
 dh j[k gkl oQ "k jr gSfd muoQ ik bl dk fu. LZ
 djus dh 'kDr ghrh plfg, fd os D; k i<k; vS
 cPpla dk fdl izlk eW, ldu dja; k mudk le>A
 ; g f'k[k dks gh grk gSt k cPpla oQ } jk egl w fd,
 t kus okys l kft d] l h Nfrd vS Hh k h vojks' la
 dh ijs[k fu; la dks l h / & l h / s egl w djrk gA LoQy
 oQ clgj oQ iR, cl cPps dks fo | Fh ZoS : i eacnyk
 gh t luk plfg, A f'k[k dks ; g Q, kol k; d pulsh oQ
 : i eat+j lohdjuk ghrh

f'k[k oQ l loZ h sedj.k dk y{; rc rd ugha
 iHr fd; k tk l drk tc rd fd geijs ik , d s
 f'k[k dks u gftudh fu" Bkl aglal sijs gks % ft ueage
 i jh rjg l s fo'okl dj loQ

6-1 f'k[k k i s l s eagls jgs {k dk l leuk

f'k[k dks og / jh gS ft l oQ bnZfxnZ f'k[k & Q, oLFk ?
 jgh gA orZku l a HZ earsh l s c<+jgh LoQyh Q, oLFk
 vS foU, ?Hs ([k rS l s jk; l ea) okyh fLFkr eA
 l epr l a; k eaf'k[k dks dh vuqyC/rk, d u, rjg

oQf'k'k'la oQv'keu dh v'ij c<rh gA LoQyh f'k'k'la dh l'left d f'k'k'la earš'k' l'sfxj'k'v' vkjgh gSrFlk f'k'k'la d'k' l'j'd'k'j' LoQy oQ' rele oQ'z'k' u v'š' ch'f'j'; la oQ'fy, f'k'k'la Bg'j'k'k' t'k'j'g'k' gA t'c'f'd' bl d'k' sig'p'k'uk' Hh t'k'j'g'k'g's'f'd' f'k'k'la d'k' m'j'k'nf'; R' d'k'k'k' eg'bi'w'z'el'y'k'g's'r'c' , d' i's'k'oQ' : i eaf'k'k'la oQ' i's'k'r' p'f'j'k' ea t'k' a'k' g'k'j'g'k'g's'og' fu'f'u' l's' v'f'j'd' r'š' i'j' t'p'k'g's'6

6-2 vi; H' f'k'k'la

fo|f'k'k'la v'š' f'k'k'la d'k' v'v'k'r' d'b'z' {l's'k'a'ea'v'if'f'r' ekud l's' d'k'k'k' up's'g's'v'š' v'f'/d'k'ak' 'l'g'j'h' {l's'k'a' oQ' LoQy' la eaf'k'k'la dh c'g'y'r'k' gA g'f'y'; k' v'k'd'y'u' l's' i'r'k'p'y'r'k'g's'f'd' l'j's'i'f'f'k'ed' LoQy' la d'k' 15 i'f'r' 'k'r' (95|588) , d' de'j's'e'ap'y'u's'o'k'y's' LoQy' g's' & t'c'f'd' x'e'h'k' {l's'k'a' oQ' f'g'l' l's'ea, d' d' {k' o'k'y's' LoQy' la d'k' 95 i'f'r' 'k'r' gA 17-51 i'f'r' 'k'r' LoQy' la (1|11|635) oQ' i'k' oQ'y' , d' f'k'k'la gA , d' f'k'k'la o'k'y's' 96 i'f'r' 'k'r'

LoQy' x'e'h'k' {l's'k'a'ea'f'l'f'r' gA (M'v'v'k'z' l'-b'z' uli'k' 2005) A bl d'k'eryc ; g' g'r'k'g's'f'd' f'k'k'la oQ' i'k' c'p'p'l'a'd's' LoQy' eaj [l'u's'v'š' m'g'a'f'l' [l'u's'o'Q'fy,] t'k' v'k'o'; d' g's'm'l' oQ'fy, u' r'k's'le; g'r'k'g's'v'š' u' g'h' m'c'k' l'a' bl oQ' v'y'l'ok'j'k'; f'k'k'la oQ'fy, c'u'k' e'k'u'd'la ead'k'k'k' <h'y' n'r's'g'a't' s's'if'r' l'eg' f'k'k'la l'q'; k'v'š' m'ud'h' 'l's'k'f'k'la ; k'r'k'ea'k'k'a' ; g' m'uo'Q' i's'k'r' p'f'j'k' ea v'š' B'k' i's'k' d'j'r'k' gA

7- x's'f'k'k'la d'le

LoQy' h'f'k'k'la oQ' i'k' i'<l'u's'o'Q' v'y'l'ok' d'b'z'v'š' r'j'g' oQ' d'le g'r's'g'a't' s'x'e'h'k' f'od'k'l' ; k'k'v'k'la oQ'fy, v'p'd'm'a' d'k's' , d'k' d'j'uk' j'k'v'k' t'ux.k'ul' p'ul'o' oQ' d'le v'š' v'U' i'p'j' d'k' z't' l's'm'g'a'f' k'y'k'o'Q' v'f'e'd' l'j'k' . k' d'j'us' d'k's' d'g'r's' gA bul' s'os' d' {k' l's' n'y'v' g'r's' t'r's' gA , d' r'j'g' l's' ; g' l'c' LoQy' h'f'k'k'la oQ' x's' i'k'k'o' h' f'k'k'k' d'k's' o's'r'k' n'as' d'k' d'le d'j'r's' g'a'r'f'k' l'f'k' g'h' m'l' oQ' i's'k' d'k's' N'k'k' c'u'k' n'r's' gA

6. 1950 oQ'ch' l's'v'k'u's'o'y'h'y'x'h'x' r'el'e' eg'bi'w'z'j'i'v'ne'abl' c'r' dh eg'U'k' i'j' "h'j' f'n; k'x; k'g's'f'd' i; H'r' l'q; k'ea'f'k'k'la dh fu; q'r' g'k'h' p'f'g,] f'k'k'la cu's'o'Q'fy, 'h'v'k'h' U'w're ; k'r'k'l' q'u'p'r' dh t'k'h' p'f'g,] f'k'k'la d'k's' v'a'q' o'k'f'k'k'la i'f'k'k'k'o'Q' e'e; e' l's'v'd' h'f'e'd' l'g; k' f'n; k't'k'uk' p'f'g, r'f'k'f'k'k'la dh u's'r'd'r'k' v'š' i'j' . k' i'j' eg'bi'w'z' : i' l's'e; k'u' f'n; k' t'k'uk' p'f'g, A; g' ul'f'r'x' n'l'r'o's' l'a'o'Q'fy, , d' y'x'r'j' p'y'u's'o'y'k'f'o'k' j'g'k'g's't' s'j'k'v'k' f'k'k'v'k' k' 1964] j'k'v'k' f'k'k'ul'f'r' 1968] 1986 v'š' 1992 A1986 dh j'k'v'k' f'k'k'ul'f'r' ea, d' i'j'k' [l'm'g's' v'e; k'i' d'%' 'f'd'l' h'l' e'k' e'ave; k'i' d'k'o'Q' n't'z'l' s'm'l' dh l'k' n'f'r'd' l'le'f't' d' n'f'v' d'k' i'r'y'x'r'k'g'a' d'g'k'x; k'g's'f'd' d'k'z'h'h' t'ur'k'v'ius'v'e; k'i' d'k'o'Q' l'r'j' l's'm'g' j' u'g'h'a'm'b' l'd'r'a' l'j'd'j' v'š' l'ek't' ea, d' h' i'f'j'l'f'l'f'r'; k' cu'h' p'f'g, f't'ul' s'v'e; k'i' d'k' d'k's' f'ue'l'z'k' v'š' l't'u' dh v'š' c<u's'd'h' i'j' . k' f'e'y'a' v'e; k'i' d'k' d'k's' bl' c'r' dh v'k' h'h' g'h' p'f'g, f'd' os'u, i'z' k' d'j' l'o'Q' v'š' l'a' s'k'k' dh m'i; q'r' f'of'; k' v'š' v'ius' l'eq'k' dh l'e'l; k'v'v'v'š' {l'er'k'v'k'o'Q'v'u'q' i' u, m'ik' f'ud'k'y' l'o'Q' v'e; k'i' d'k' d'k's' h'r'z'd'j'us'd'h' i'z'k'y'h'es'bl' i'z'k'y' i'f'j'or'z' f'd; k't'k' x'k'f'd' m'ud'k'p; u' m'ud'h' ; k'r'k'o'Q'v'k'j' i'j' 0; f'd'r' f'uj'i's'k' : i' l's'v'š' m'uo'Q' d'k' z'd'h' v'š' k'v'k'la oQ'v'u'q' i' g's'l' o'Q' f'k'k'la d'k' o's'u' v'š' l'ok' dh 'k'r's' m'uo'Q' l'le'f't' d' v'š' 0; k'o'l' k'; d' n'f'; R'o' o'Q'v'u'q' i' g'l'v'š' , d' h'g'la'f't'ul' s'if'r' h'k'k'y'h' 0; f'd'r' f'k'k'k' 0; ol'k' dh v'š' v'f'v'v' g'l'a' ; g' i'z' r'u' f'd; k't'k' x'k'f'd' i'j's'n's'k'ea'or'u' e'p' l'ok' e'k'r'k'ea'v'š' f'k'k'k' r'anj'v' d'j'us'd'h' 0; o'l'f'k'ea'l' e'k'ur'k' d'k' o'k'v'uh' m'is'; i' h'r' f'd; k't'k' l'o'Q' v'e; k'i' d'k' d'k's' h'r'v'š' r'c'h'y's'e'a' 0; f'd'r' f'uj'i's'k' r'k'y'k'u's'o'Q'fy, f'un'z'k'd' fl' 1/4' r' c'u'k' t'k' x'a' m'uo'Q' e'v'; k'ed'u' dh, d' i' 1/4' f'r' r; dh t'k' x'h' t'k' l'i' "v' g'l'k'] v'p'd'm'a' , oar'f'; h'aj' v'k' l'f'r' g'k'h' v'š' f't'l' e'al' c'd'k; l's'k'u' g'l'k'a' m'q'j' o'Q' x'm' ear'j'd'd'h' o'Q'fy, f'k'k'la d'k's' m'p'r' v'ol'j' f'n, t'k' x'a' t'ok'n'g'h'o'Q' e'k'ud' r; f'd, t'k' x'a' v'p'n's'd'k' z'd'k'i' h'k'g'r' f'd; k't'k' x'k' v'š' f'u'f' o'Q' r'k' d'k's' f'u' h'k'g'r'a' l's'k'la d'k' z'd'k' o'Q' c'u'k' v'š' m'g'a'f'o'Q' k'f'br' d'j'us'e'ave; k'i' d'k' d'k's' eg'bi'w'z' h'ed'k' cu'h' j'g's'h'a' (j'k'v'k' f'k'k'ul'f'r' 1986 (1992 o'Q' l'a'k's' u'la' l'f'r')] e'k'o' l'a'k' u' f'od'k'l' e'aly;] H'k'j'r' l'j'd'j' H'k'x' & 9] i- 43&44) A

7. f'k'k'la dh l'q; k'ea'y'x'r'j' c<h'j'g'h'z'g'a' i'f'f'k'ed' l'r'j' i'j' 1990 e'ab'ud'h' l'q; k'16|16|000 f'h't'k's'2001 ea18|96|000 g's'x'b'z' r'f'k'm'p'p' i'f'f'k'ed' l'r'j' i'j' 1990 ea10|73|000 f'h't'k's'2001 ea13|26|000 g's'x'b'z' b'ue'al' s'2|59|099 i'š'k'f'k'k'la (B'o'Q' o'Q'f'k'k'la) f't'ue'a'67-94 i'š'k'f'k'k'la n's'k' h'j' o'Q' i'f'f'k'ed' fo|ky; l'a'eg's' (I' k'%' #. k'egr'k' M'v'v'k'z' l'-b'z' M'v'k' 2003&2004 uli'k' 2005) A

f'kld f'kk oQ fy, fl Hqj'k

- mPp eè; fed Lrj oQ fo | FHZ dbZek ula ea fo f'KV gks gS bl fy, mudh f'kk dh ; g "k jr gSfd muoQ f'kld "k jr oQ vuq kj iè k{kr gla
- bl le; S2 oQ f'kld oQ fy, nsk ea ddbZHh l oki vZf' kld & iè k k dk dk Zè ugh gSt. \$ kfd , d le; {skt; f'kk l dFlu ea ^, e, l l h , t q Q ku* dk dk Zè gk k FkA , d s dk Zè la d s cMk i s kus ij yk k tuk plfg.] vxj mi; Dr iè k{kr f'kld bl Lrj ij iB;p; kZ dk i za' u dj loQ
- l oki vZLrj oQ f'kld & iè k k dk Zè la ea ^ ekz' l h , oaijle ' kZ dk , d ipZgk k plfg. ft l l sfd m l a vius vuq k k u ea vi s {kr v f H e q k d j . k g k l o Q v l s i è k k k fey l o Q

ekuo 'kDr dk fu; k u

- eè; fed Lrj ij iè k{kr ekuo 'kDr dh ek v l s mi y C / r k ea , d cMk v a j Li " V r l s ij n s kus d s feyrk gA
- , d k bl fy, gk k gSfd u r k d b Z , d h , t a h g s u g h d b Z f u d k x r r a k f t l l s i r k y x s f d j k t ; d s f d l g n r d v f r j D r e k u o ' k D r d h m i y C / r k l o h d j g A
- iè k{kr ekuo 'kDr dk v k / D ; fl H q c j l k k j h d s g h u g h i s k d j r k g S c f y d i z a ' u } j k ; g f'kld oQ ' k k k dk d j . k H h c u r k g A
- bl l a H Z (m i j D r) e a f u t h v l s l j d k j h i z a ' u e a d b Z v a j n s kus d s u g h a f e y r k A

8- f'kk dk jk ulrdj. k

in k u f r v l s f o f ' K V d e o Q l a H Z e a H e v l p j (L F k u l r j . k o Q f y , ; k f i Q L F k u l r j . k # d o k u s o Q f y ,] f'kld & iè k k l d F l u e a i z r f u ; D r ; k v U e u p l g h f u ; D r ; l a o Q f y , f j ' o r) v l s U k k y ; e a n k j e l e y l a l s f'kld l e n k d k l e k u d h H Q ? W k g A f'kld oQ o Q j d k i z a ' u j k t u l f r l s c j h r j g l s x z r g s p o k g S t l s f d d b Z j k t ; l a e a u , f'kld l a d h f u ; D r d l s x g i s r l s l s i z h f o r d j r k g A d b Z j k t ; l a u s r k s f u ; f e r f'kld l a d s , d ^ e r i k % o Q j * e k u

fy; k g S & v l s r o Q ; g g S f d B o Q i j f'kld j [l u s l s f o l k v l s i z k l f u d l g f y ; r j g r h g A

9- vulo' ; d fdle dk f'kld & iè k k k

v P N h f'kk o Q f y , f'kld & iè k k k & c P p s v l s m l o Q f'kk o Q v f / d j h l s v y x f'kk dh x q l o k d l s c < l u s o Q f y , v i u s v k i e a , d l l e ; g A f'kld f u ; f e r : i l s o Q l * k o d ; l a d k i z l a u j l a d h r j g d j r s g S & ^ c y o Q n z f'kk] ^ [k l u e k e l g s e a l h [k u k] ^ k l u l s v k l u d h v l s * b R k n] f t l s o s

oŋ l q lo

*iHfed Lrj ij] Loŋ oŋ iB; oŋ vŋ iB; p; L
 dksyxlj iŋh Hkr dksVlus oŋ fy, dle djuk
 plfg, Abl ij, d l loZfud : i l st k: drkghh
 plfg, fd vfhHod O, oLFk l s; g ek oŋ rjloŋ
 lsdj l drsg& fd cPpst koŋ l h l aog ml h
 Hk'k vŋ egky eal h l t k smuoŋ fy, oŋ eryl
 j l r k g h x j l c P p l s f t l m i y f c / d k i k r d j u s
 dh m f e h dh t k r h g s o g v l j c P p l o ŋ t s h g h
 g l h p l f g, A n h v s ' k h a e a g e d g l d r s g f d b l s
 i g p l u s t h u s d h " k j r g s f d v i s k d k f u E u L r j ; k
 f i g U u r e v f / x e L r j i j " h i n a k b u x j l c c P p l a
 d k s i g l s g l ' k dh v ŋ < o ŋ x h*

*x e i p k r b l o ŋ f y, r s l j g s f d o g
 l a e k r v f / d k j ; k e r " B k u d k e ; k u b l v ŋ
 f n y k l o ŋ f d L o ŋ o ŋ f ' k k d a d s L o ŋ e a
 f ' k k k d j r s l e ; f d l & f d l r j g o ŋ l g ; k dh
 " k j r g a*

*f ' k k dh x q l o ŋ k d s l q h j u s o ŋ f y, e l i g l z
 v a k ' h m j l s u l p s f u ; k r d k z o e u f l H o
 x s & d k k e d g a c f y d f o i j r x l e h H h g a*

f'kld&i f'kkk dk zoe oŋ nŋu iyh rjg ls, d
 vyx vŋ dVs gq l nHzeal h l r s g a p f d ; s u l j s
 f'kld oŋ [h oŋ dle dh i s l o j k u k f u " B k t s h f d l h
 t l o r i f o ŋ k l s f u d y d j u g h a v k r s b l f y, c g q k
 o s l r g h v ŋ c d l j l f e r g l r s g a f'kld ftu f o f o e k
 i z l j dh i f j l F k r ; k a r f k l n H e d k l l e u k d j u s e a
 O, L r j g r k g s m l o ŋ f y, m l s f u n z h a d k v u q j . k
 d j u s o ŋ c t k f u ; e a dh j p u k d j u s r f k m i ; k e a
 y k u s l a a h ; k r k v a l s y s g l a s dh v l o ' ; d r k g a
 m l g a f o ' l k i f j l F k r l s f u i V u s o ŋ f y, l g ; k v ŋ

yphiu dh "k jr g a i f'kkk dk zoe] l g; k h
 rjloŋ vŋ i f'kld bu "k jr l a d k l l e u k d j u s o ŋ
 fy, r s l j u g h a

10- Loŋ %O oLFk dk, d fgll k

Hkr eaf'k kulfr fo o h d j . k v ŋ v l o k L F k u L r j
 i j c u h ; k u k v a o ŋ u j l a o ŋ c h p g h O; D r g l h j g h
 g a u l f r o ŋ n L r l o ŋ k ; k u k v a e a l n H z f o ' l k dh
 "k jr d s f p f e r d j r s j g s g a L F k u t l a F k v a t s s
 L o ŋ f ' k k l f e r (L o ŋ , t o ŋ k u d e v l e , l - b z h)
 x e f ' k k l f e r (f o y t , t o ŋ k u d e v l e o h b z h)
 L o ŋ i z a k l f e r (L o ŋ e s t e v d e v l e , l - , e -
 l h) v ŋ p u s x , f u d k t s s x e i p k r b r l f n o ŋ
 t f j , l e n k dh H k m k j h d s , d e g b i w z H e c k
 n h x b a

O, ogly ea Loŋ] O, oLFk dk v f [l h N l j g l r k g s
 t l s f d m j l s v h s k v ŋ f u n z k i k r k g a m u l s ; g
 m e h dh t k r h g s f d o s l o z k k v f k k u o ŋ t f j ,
 o ŋ z l j d j } j k f n , t k u s o k y s f n ' h e f u n z h a d k i k y u
 d j a b l l n H z e a b r u k l e > u k d k k g l k f d f t l
 e k k e a i s k [k p z f d ; k t r k g s v ŋ c t v o ŋ f y, t k s
 i f o ŋ k r ; dh t k r h g s o g L o ŋ dh c l s d l ŋ ŋ
 v ŋ m l o ŋ f ' k k d a v ŋ c P p l a dh " k j r l a o ŋ f y,
 c g r F l a m e l h g h L o r a r k N i m f k g a

igyh ik h o ŋ f ' k k H z o ŋ l h l k u s v ŋ L o ŋ h d j . k
 dh e k d s i y k d j u s dh i f o ŋ k e a , d B h d & B k d
 y p h y i u y k t k u s dh " k j r g a f ' k k f o H k } j k
 i z h d h l q l j v ŋ m l e a c n y k o g l r k f d c P p s
 l g t e g l w d j a ; g i B ; p ; L dh : i j s k v ŋ
 v P N h f ' k k o ŋ i k o / k u dh i f j H k k e a g h ' h f e y g a
 " k j r b l c k dh g s f d i z h d h f n ' h e f u n z k
 i B ; i q r d a l s l a i / r d l e d k t] l l e x h m r i k u l
 i j h k l p k y u v ŋ c P p s o ŋ f u j r j e w ; k u d e a
 y p h y i u d s i k l k g r d j a f ' k k d a o ŋ l e g d s
 i j h k d k d k z o e j p u s dh v ŋ r e l e e e ; k o f /
 g L r { k l a o ŋ c h p c P p s d k e w ; k u d e d j u s dh L o r a r k

glsh plfg, rFlk yasle; lsfoyfcr dlehdslve
Lrj ij foQ kUbr fd;k tkuk plfg, A tGk ij bl
dnj LFkuh, vS l lkttd cgyrk gl ml eglly
ea mQj lsubsdh vS pyusokysljfkr dk ZQ
oQ tfj, ge f'k'k dh xqlok dh ckr ugha
l l p l dra

bl fy, | l cl sigysvfuok ZvS xS&l e>lskj d
dne ; g glk plfg, fd Hfedk vadksydj Li "Vrk
cua d{k ea f'k'k dh iNfr oQ l aHZ ea fu. lZ
Loyh f'k'k dha }jk fy, t kus dh "k jr gS& f'k'k
dh ulsj' hgh ea tks yk mQj h Lrj ij gS mGa
f'k'k dha dh em djus oQ fy, dle djuk plfg, A
Q, oLFk ea i jnf' lZk glsh plfg, vS l Hh Hxlmjha
oQ l Fk l eku : i l sQ, ogj glk plfg, A, l srjhoQ
LFk i r fd, t kus plfg, rfd l fo/ku l sfd, x,
f'k'k oQ m's; l adk vl erk fy, gq fo'ySk k vS
fu; eadk l oLFZjd l lfer rFlk i {k i rhiz k igplus
tk loQ vS mGa l izkl gV k k tk loQ bl s
f'k'k dha dk vRefo'okl c<uk plfg, rfd og
cPpla oQ l oS h ud vf/djha dh i r ZoQ fy, ubZ
fn' k v adh [k dj loQ jk ulfrd vS ulsj' hgh
l j p u k v h Q, oLFk v a rFlk Q, fDr; l a ea n j n f "Vrk
y{; l a vS ulfr dh fu j r k dh v l o'; drk gS
cnylo dh iZQ; k j vS l q j h a dh ; k uk j y a h
l e; kof/ oQ fy, cubZ t kuh plfg, A mGa c j & c j
u i r r g l s o k y s v S v l h h f o r y ? l q v o f / o Q
i f j . k e l a dh v i s k v l a r d g h l l f e r u g h a g l u h
p l f g , A b l e a o r Z k u Q, o L F k d h m y V h i Z Q ; k
' h f e y g l k h A

11- LoQ vS l enq

orZku ulsj' hgh Q, oLFk tS kfd og dle djrh
gS ml dh d l f' k k ; g g l r h g S f d m l s d M h o Q
v f [l j h c n q L o Q v S f' k' k d s l a k t r d j u s
dh d l f' k k d j u h p l f g , A ; g L o Q o Q v k s o g r
l e n q , r d u g h a i g p r h A l e n q , d h l e f r H x l m j h

l fu' pr djus oQ oQ ea vS l enq, rFlk LoQ
oQ chp dh nyh iWus oQ fy, LoQ f'k'k l fejr
CyW f'k'k l fejr LoQ izaku l fejr vS f'k'k d
v f H h o d l a k (i j v V p j , l k l , ' k u & i h V h , -) v S
x p] C y W v S f' k' k L r j i j c u b Z x b Z L o Q d y L V j
l fejr; k g A Q, ogj eabl ubZ l j p u l e d Q, o L F k d k
b l r e y l j d j j j k ; k u k d s d k Z l b r d j u s v S
y k w d j u s o Q f y , g h f d ; k t k r k g A ; s l f e j r ; k L o Q
H o u o Q f u e l Z k v S i s k f' k' k d h a d h f u ; f D r ; l a e a
' h f e y g l r h g A ; | f i ; s f' k' k d a v S c P p l a d h m i l F l f r
v S f u ; f e r r k b r , k n o Q f u . l Z l a e a ' h f e y u g h a g l h u
g h m u l e l ; k v l a e a f t u d k l l e u k c P p s L o Q l a e a d j r s
g A m u l e l ; k v l a l s H h m u d k d b Z l j k d j u g h a g l r k
f t u d k l l e u k f' k' k d d j r s j g r s g A f n u & i r f n u m B u s
o k y h l e l ; k v l a d s y d j o s v f / d k j ; l a l s d b Z c k p r
u g h a d j r s v S u g h f d l h , l s f u d k d k p ; u d j r s
g A t k m u d k e ; k u c P p l a v S f' k' k d h a } j k e g l w d h
t k u s o k y h i j s h f u ; l a t s s i B ; i l r d a d h d e j H h r d
l q o / k v l a v S l k o Z f u d i f j o g u b r , k n d h
v S f n y k A

; g "k j h g S f d , d h l l F k v a d h o L r f o d
H x l m j h v i u k g l s o Q c l s' o Q l F k i j t l j f n ; k
t k A b l l a H Z e a f o o q h d j . k d k e r y c ; g g S f d
L o Q d s l e n q , o Q u " h l d y k k t k A

12- foOQÑr f'k'k Q oLFk

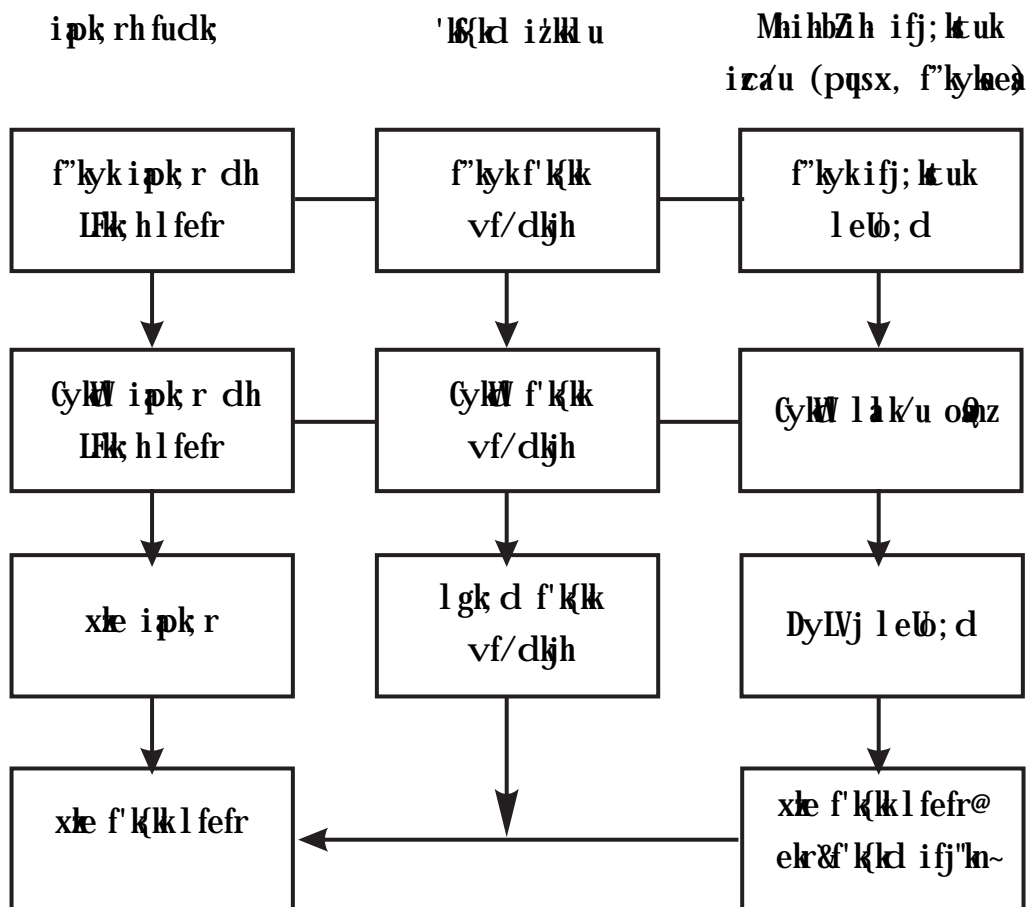
l fo/ku oQ 73oal a l s / u u s i F k e d v S e l e ; f e d
L o Q h f' k' k d h f' h e n j h L F k u h , f u d k l a d s g L r l r f j r
d h g A m l o Q c k n f o f H u j k t ; l a o Q c h p L o Q h f' k' k
d s y d j L F k u h f u d k l a o Q f o d k l e a f d l h r j g d h
d b Z l e : i r k u g h a f n [h A ; | f i d b Z j k t ; l a e a i z k l a
d k , d c M k l e g i e , d L r j i j i p k r h j k t
l l F k v l a d s f n ; k x ; k & t c f d Q, ogj e a b u i p k r h
j k t l l F k v l a u s [h l r l s r k y d v S x e i p k r
u s F h m l s g h f' k' k l a a h d k Z f d , g A o n h f' k' k
l y g d j l f e j r (o Q) u s 1993 e a f o o q h d j i z a k u

ij , d l febr xBr dh Flk ftls 73oa l áks/u oQ
 l aHZeaf'k'k oQ foobd.j.k oQ fy, fn'k&funZk
 r\$lj djuk FlA⁸

ml ea fofHú Lrjla ij dbZLFk h l febr; la dls
 culus dk l qlo Hh fn; k Flk v\$ bu fudk la dls
 l epr 'kDr] dk Zv\$ m'ljnk; B Hh fn, x, FlA
 ; | fi Q ogj ea o\$y dksNMaj dgafóh, &i b'èku
 oQ l aHZeaf'k'k Flkuj.k ughafn[krk gA foobd.j.k
 dh bl i foQ keal eL; k; Hjh i Ma g' bl sulpsm, x,
 pWZ& 1 ean\$ k tk l drk g&

fl Hú; gh ughafofHú Lrj ij dle djudsycj
 l fnX/rk v\$ ngjlo Hh n\$ kus dls feyrs gA dle oQ
 l aHZeaf'k'k fnX/rk v\$ ngjlo dk urht k; g g'k fd
 i p'k rhjt dh; sl LFk; ^fu. Z drL^{*} oQ ct k ykw
 djokus okyh, tál; k cu xbrFlk tks dep'ljh muoQ
 v/hu dle djrs gA os ^drL^{*} cu x, gA bl oQ
 vylok xte i p'k r dls 'kfe y fd, cx\$ xte Lrj ij
 l ekulj l febr; la oQ tfj, dle djokus dh i of'k us
 ykrl d <x l pqsx, bu fudk la oQ dn dls d'k
 N'k fd; k gA urht ru f'k'k dh rht, Q oLFk v\$

pWZ1 % loQh f'k'k % mi f'kyk v\$ f'kyk Lrj ij l LFk h l j'pukv'adk i o\$lo



8. ekuoh etonlj] ^YML áy;lbZ'sku] fji QEL Z, MifCyd LoQ], ávu il ZEDVo**] tuž v'k'k, t'p'k'kuy lyl'ua, M
 , MefuLV3ku] Hx&17] ua 4] vDrw 2003] i: 481&506

okrfod foohdj. k

cekuh foohdj. k

· i\$ k [lpZdjus dh 'kDr	· ; k uk l s t r jho l s [lpZ djus dh clè; rk & i\$ k [lpZdjus ij d bZrk d d vf/dlj u g l s k A
· i\$ k t v kus dh 'kDr	· i fr & fu; fDr LVki Q LVki Q ij d bZ fu; ak k dk u g l s k A
· O; ; djus dh r k d d 'kDr	
· LVHQ d s y s g v kus v s fu; f r djus dh 'kDr dk g l s k	· l a k / u s d l s t v kus o f y, F H M & l k v f e d l j A
· l h / k m l j n f; R o	· l h / s m l j n f; R o dk u g l s k & f d l h v U o Q m l j n f; R o dk g l s k A

dk Zdjusokya dh Hfedk v l v s dk k e a n g j o v s v l i "Vrk i b Z x b Z g A

i p k r h j k l l F k v l a e a H f e d k o Q c v o j s d s y s l j d b Z l i "Vrk u g h a g A

12-1 DyLVj] Gyld v s f " k y k l r j o Q e l y s

fi Nys, d n'kd ea f " k y k l r j v s L o Q y o Q O r p f t y k i F k e d f' k k i f j; k u k (f M L V D V i b e j h , t o Q k u i k D V] M i h b Z h) o Q t f j, L o Q y v s i b; p; l Z d h: i j k k d s e t c w d j u s o f y, l F k h l a p u k v a d k , d i y k r k u c k u k c u k x; k f t l e a D y L V j l a l e k u o n z G y l d l a k / u o n z f " k y k f' k k v s i f' k k k l l F k u ' k f e y F l a i z l V : i l s f t u d k m i s; f o o h d j . k o Q } j k f' k l d v s f' k l d l e g l a d s l ' k D r d j u k F k r f d o s l H h c P p l a o Q i f r L o Q y a } j k H f e d k f u o l g e a i w Z; k n k u n s l o Q

12-2 DyLVj l a k / u o n z (DyLVj f j l l Z l k j - l h v l j - l h)

l h v l j - l h f' k k d l a o Q l e g d s b l r j g o Q v o l j n r k g s r f d o s f u; f e r v k / j i j v k l e a f e y a v s v d h f e d e l y a i j p p l z d j a ; s f' k l d l a k / u o n z

n s k H j e a l o Z k k v f k k u o Q v a x Z d b Z l r j a i j e r Z : i l s l k d j f d, t k j g s g A b u d h l a p u k v l a L V H Q j [k u s o Q r j h d a v s d l e d k t e a d b Z f o f H u r k j g s v s o Q j k t; k e a b l d k i f r f u f / R o D y L V j l e U b; d ; k m l O f D r o Q } j k t k s f d l h f o " k e a i f k f r d j l d r k g s g l s k g A o g k i j v i u s v k i e a d b Z o n z u g h a g l s k n j v l y O o g l j e a; g n l k t r k g s f d ; s o n z i z l d h l a p u k o Q g h i f N y s g h r s g a t k L o Q y d s F H M & c g r ; k f i Q o Q H h l g k r k u g h a n s A D y L V j l a k / u o n z o Q y k L o Q y f' k k d l a l s f j i l Z v l d M b R l n t e k d j u s d k d l e d j r s g s r F k l p u k d s f " k y k l r j i j i g p k r s g A o Q y o Q { s h d s N M e l j , i k g j t x g g l s k g A

bu o n z a e a c f u; k n h l a p u k v s l f o / k v l a (y l o c j h] o Q; w j] N k v h i z k x' k y k j H Q v k d k l h d h l f o / k j e h f a x d j u s d h t x g) o Q f o d k l d j u s d h " k j r g s f t l l s f' k k d d h l a k / u l a h v l o ' ; d r k j i j h g l a v s o n z , d , i k L F k u c u k i k t g k f' k k d l a o Q v u d h o l a d s b d z k f d; k t k l o Q v s i b; p; l Z l a h f o d Y i p p u s e a l g k r k f e y l o Q

dk leavli "Vrk , oanlgjo

<i>11oha vuđ pñh</i>	<i>xte i pkr</i>	<i>rkyql i pkr</i>	<i>f"kyk i pkr</i>
f'kll ftlea iFfed v§ elè; fed Loqy Hh gla	l loZfud tk: drk v§ iFfed rFlk elè; fed f'kll eaHxmkjh dls c<luA iFfed Loqy la ea ijk ulelu v§ mi fLFkr dls l fuf' pr djukA	iFfed v§ elè; fed f'kll l a/h fueZk dls iHh kgr djuk iFfed Loqy oQ Hou dk fueZk ejFer v§ j[kj[hoA ; qvka oQ Dyc v§ efgyk eMy oQ tfj, l left d f'kll dls c<lok nsak plfg, A	f"kyk la ea 'lSld xrfrofek la dls c<lok ftlea iFfed v§ elè; fed Loqy la dh LFki uk v§ j[kj[ho Hh 'Hfey gA vkJe Loqy la v§ vulFky; la dh LFki uk v§ j[kj[hoA 'lSld&xrfrof/; la dk l oZ v§ eW; lduA
rduhdh i'kll v§ O; kol kf; d f'kll		xteh k nLrdjh v§ O; kol kf; d f'kll dls c<luA	xteh k nLrdjh v§ O; kol kf; d i'kll oQ la dh LFki uk v§ j[kj[hoA xteh k O; kol kf; d i'kll oQ la dls iHh kgr djuk v§ enn nsuA
iS+v§ vulspjd f'kll	iS+l klyrk dls c<luA	iS+l klyrk dls ykw djukA	iS+l klyrk v§ vulspjd f'kll oQ dk ZQ dh ; k uk cuk v§ ml dls ykw djukA

12-3 Cyw l k/u oQ

(Cyw fjll Zlj-ch vj-lh)

, d Cyw ea vler§ ls 100 ls 300 rd iFfed
Loqy gks gA v§ yxHx 50&100 fefMy Loqy A
Cyld l l lku oQ dh ifjdyiuk iFfed Loqy
Lrj ij f'kll dh {lerk oQ foLrj oQ fy, dh xbZ

FhA yfdu ; g Hh oQy vldMa dls bdèh djuS
oky rFlk izHh fud bdbZcudj jg xbZctk , d
vldnfed bdbZgks oQ , d leg oQ: i eamuoQ
vuđo dls lfoQ r§ ij vki ea cVrk tuk
plfg, A Loqy f'kll oQ teh vuđo dls l leus
j[kdj lh vj-lh v§ chvj-lh oQ deZjh dHh

dHkj gh Loqy la dk nlsk dj mudks vdknfed l g; lx miyC/ djki rsga os 'kDr vls l uk oQ en ea vDlj Loqy fujhkd vls eW; kudrZ dh Hfedk viurks gsa u fd , d voykudrZ vls l g; lx dh Amiga, s kglukplfg, fd osvoelk. Red l e> nsl oQ buoQ } jkfn; kt kusolyk; g ekz' l f'kld } jkfn, t kusokyh xrfofek la vls glr{li ij fopkj djrs oDr gluk plfg, rfd bl lscPpla dks enn feya

chvki-lh oQ l akBu dks vls ml ea fu; qrgkus okys Q; fDr; la dh Hkh l ehkk djus dh vko'; drk ga Cykkl ea fufgr 200 Loqy la oQ fy, , s l g; lx dh vko'; drk gS tks , s h : ijskk oQ vxz' gk ft l ea Loqy vls Loqyh f'kld oQ fy, tfor la oQ cu loQ l hvkj-lh dh gh rjg bl s Hkh cqu; kh l jpuv vls l ak/ula dh t+jr gS ft l l s ; g vuhlo oQ l g; lx djus oQ fy, , d vk/kj nsl oQ

f'kyk Lrj ij f'kyk f'kk, oai f'kk kl l Fku rFk f'kyk f'kk vf/dljh vls Mhbbzh oQ tfj, ;s rele vuhlo ulfrxr igyla vls cnylo ea fn[kus plfg, A ; g lc oQ 'kld l ak/u] mudh i rZvls rduhdh rFk izkl fud l g; lx ea fn[kuk plfg, A

13- f'kyk f'kk, oai f'kk kl l Fku (MbV)

1986 dh jkVr, f'kk kulfr oQ ch vls foanhdj.k dks viulus oQ oQ ea i r, d f'kys ea ml f'kys fo'kk dh i Fked f'kk dh "k jr la dks ijk djus oQ fy, f'kyk f'kk, oai f'kk kl l Fku cuk x, vls f'kld f'kk egfo|ky; la (l hvhbZ dlyt vWQ Vipj , t oQ lu) rFk mPp ve; ; u f'kk l l Fkula (vbbZ, -, l-bZ&baVW; W vWQ , Mb kM LVMi'k) dks el; fed vls mPp el; fed Lrj oQ 'kld "k jr la oQ fy, cuk k x; la MbV dh ekz' f'kz (1989)] MbV oQ mis; la dks fuEu rjhoQ l s

ifjHk'kr djrh gsa^" lehu Lrj ij vjiahd (vls i k) f'kk oQ fy, pyk t kus okys foFHU dk Zela vls viubZ t kus okyh foFHU j. kulfr; la oQ fy, vdknfed vls l ak/ula dh l gk rk inku djuk** LFku, rk ij "Hj jgk gS rFk iB; oQ ea , s h bdlb; k ykus dh cr ghZt s s & LFku, Hwls/ ykdxr] nardFH ij jk } txy] i Q&i Ue eys vls R, gkj] tul d; k forj.k dk foj.k HwHZ foKku [kut] [k h m|lx] ukljh iskh m|e] ykdyk glr'Wi] leqk lavls tutkr; k LFku, ifjLFkr; la l sey [k h l l Fk; rFk , s h ubZ pht afodfl r dh tk; ft Uga vjiahd f'kk vls vjiahd f'kld&f'kk i f'kk k dk Zela eadle eayk ktk l oQ oS sf'ky la oQ ekeys ea tgk tutkr; la dh vcknh "; lk gS MbV dks d{lk , d vls nsl oQ fy, tutkr; la dh Hk'k eafo'kk (i hej) iof'kdk Hh cukh FhA

budks vkdyu vls eW; ldu dh , d O; oLFk dk fodkl Hh djuk FhA bga , s s rduhd vls fn'k&funzk Hh rS kj djus Fls ft l l s fd fu; fer vls l a yd (summative) : i l s f'k k FZ la dk eW; ldu fd; ktk l drk ga bl oQ vylok bl l s ; g Hh vis'kr Fk fd ; g Loqy la dh bl ea enn djas rfd osijh{k k izula oQ cd] jsvx Loqy] voykdu rfydk funkul Red ijh{k k i rHk igpu dk Zela dh ifoQ k bR, kn dks rS kj dj loQ bga oQ p; fur fun'k (sample) oQ vk/kj ij ijh{k kvk l r dj f'k k FZ la oQ Lrj dks Hh vk duk FhA [k r h l s ml uohure Lrj oQ l a HZ ea tks i Fked vls ml oQ vks oQ Lrj la oQ fy, fu/ l r gsa vls jkVr, l k jrk fe'ku oQ rgr i k + f'k k FZ la oQ fy, MbV l s ; g Hh mFem Fh fd os nQ j of. k dk k r Fk l h, e-MhbZ l s t o k va% d ok dk Zela oQ fy, dk Zkyk v la dk vk l u dja

; |fi O; ogkj ea ; s l l Fku u rks vdknfed l g; lx miyC/ djkl oQ u gh LFku, l lefxz la dks gh cuk la l ak/ula oQ vho ea; g l hvkj-lh vls

ohvj-l h l s d h z t m o u g h a f c B k l o o v l s u g h
 l l e f z z a o o f o d k l e a f k y k L r j i j d h z u o k p j
 d j l o a i z k d h r l e f z o o v h o e p b u l l f k u l a
 d l s d h h b l o o f y , i k l k f g r u g h a f d ; k x ; k f d o s
 l e p s f k y s o o f y , d k z ; k t u k c u k A " ; k n k j
 f k y k f k k , o a i f k k k l l f k u l a e a l v h o d h H j r h
 i f r f u ; f d r o o v k / k j i j g l r h g s f t u o o s ' l s k d
 ; k t u k v l s L o o y l a o o l g ; k o o f y , f o " k e a
 d h o F l k v u l o (#> k u) g l r k g s b u l l f k u l a o o
 i s k o j p f j - k d h b l f x j k o v d k v l j m u o o d l e i j
 l i " V f n [k r k g s

**14- jk; 'l s k d v u q a l u v l s i f k k k i f j " l n ~
 (l v y d l n f l y v h o , t o o k u y f j l p z
 , M V s u x) , l - l h b z v k j - V h)**

, l - l h b z v k j - V h c f u ; k h r l s i j j k ; l j d k j d k
 l l f k u g s y f d u f k l d & f k k d h i q j z u k v l s i q x z u
 d h ; k t u k o o t f j , H j r l j d k j , l - l h b z v k j - V h d l s
 e t c w d j u s o o f y , l g ; k e g s k d j r h g s m l e a
 ; g ' k z " k j g l r h g s f d j k ; l j d k j H h o s h g h
 j k ' k m i y c / d j k x l a

, l - l h b z v k j - V h d h l f k i u k b l f y , d h x b z f d o g
 j k ; e a v d n f e d u s r o d j s v l s f o f h u i z l k j o o
 ' l s / u o k p j i j . k v f h i j . k b r l n d k o o z c u s ; s
 l l f k ; x q l o k d k i z h d g l a v l s l e k t o o c n y l o o o
 f y , n k l u d v l s l e k t ' l l - h r c l e g s k d j k A

; | f i j k ; & n j & j k ; , l - l h b z v k j - V h o o m l j n k ; R o
 f h u i & f h u i g s y f d u " ; k n k j j k ; l a e a ; s i b ; o o e
 d h j p u k i i r d l a d l s r s j d j u s M b v d k i ; z s k k
 d j u s v l s f k l d & i f k k k d k g h d l e d j r s g s

b u o o d l e d k t e a , d k n s k x ; k g s f d , l - l h
 b z v k j - V h v d n f e d y l a l s u g h a c f y d u l s j ' l g h
 i z l k j o o u s r o l s l p k f y r g l r h g s ; g l c o o n
 ; k t u k l a v l s f u . l z l a e a i j h r j g l s ' l f e y g l r k g s
 b l e a u l e e k d h L o r a r k g s v l s l f k g h H s r d
 l f p e k v l a o o f o d k l o o f y , c g r d e j k ' k g h

m i y c / g l s i k r h g s ; g k r d f d m u o o i i r d k y ; l a d k
 j [l k j [l k o v l s i z a u d h o [k j c g s b u d k f k y k
 b d l b ; l a v l s L o o y L r j d h b d l b ; l a l s d h o d e " l j
 t m o g s b u o o i k b r u h n t z u g h a g l r h f d ; s
 f o ' o f o | k y ; l a v l s v a j z v h e p l a i j g l u s o k y h
 f o p j / k j r e d v l s l s a l r d c g l l a l s r k y e y f c B k
 l o a v l e r l s i j ; g x s l j d k j h l x B u l a o o u o k p j l a
 l s H h v i f j p r g l r s g s

; g r ; F k f d , l - l h b z v k j - V h i b ; o o e f o d k l
 o o f y , , d v x z h c n q g l r h v l s ; g f k l d l a v l s
 L o o y l s x g j s r l s i j t m - d j d k Z d j s x l a i b ; o o e
 f u e l z k d h z , d c l j f u i V k f n ; k t k u s o k y k d l e u g h
 g s c f y d f u j r j l h l u s v l s i q f o z j d j u s d h p h ' k g s
 f t l s f d l f u ; k t r < x l s v k x s c < k k t r k g s o o y
 o g h l l f k f t l e a [l q , d m p p L r j d h { l e r k g l b l
 d l e d l s v k s c < k l d r h g s , l - l h b z v k j - V h d l s
 e t c w d j u k r f k m l s v l s " ; k n k i s l o j k u k c u k
 l l f k h c n y l o o o f y , , d v l o ' ; d d l e g s f t l s
 r s h l s f d ; k t u k p l f g , A

n l o h i p o " k z ; k t u k o o d k Z l j h l e g o o
 l e l o o o e n k c d b l e a , d r j g d h i z k l f u d l
 f o l t r v l s ' l s k d L o r a r k d h " k j r g s m l g j . k o o
 f y , | , l - l h b z v k j - V h d l s l f o o : i l s o k " l z l
 ; k t u k c u k e a ' l f e y g l a k p l f g , A f d l h r j g d k
 d h z v l f k h f u n z k u g h a g l a k p l f g , | p l g s o g f d r u s
 g h c m r v f / d k j h d k g l s ; k f i o f d r u s g h c m r
 r k d r o j j k t u r k d l a

, l - l h b z v k j - V h d l s b r u k y p h y k v l s L o r a k g l a k
 p l f g , f d o s f o ' o f o | k y ; h o , o l f k l s f o ' k k l a d l s
 c y k l o o r f k L o o y h o , o l f k e a d l e d j u s o k y s
 f p r u ' l y d l e d k " k l a o o f y , , d e p e g s k d j k
 l o a b l o o i k , d , d h l l f k h : i j s k g l a h p l f g ,
 f d o g L o s p n d l l f k v l a d l s i g p k u d j t l m - l o a
 b l o o l f k g h m u y l a l s d l s H h i g p u s t l s l j d k j h
 o , o l f k o o c l g j g s y f d u c p p l a d h f k k o o m i s ;
 d l s i j k d j u s o o f y , d l e d j r s g s t l s l j d k j h L o o y l a

eaon li Qyrk ool Fk gLr{li j [lrsgrFk f'k lclla
ool 'Drtdj.kea; lknku nrsgrA blsvi{kr funZLh
vnsHavls l qoladk stjh djuk plfg, rfd l Hh
cPpsLoq vkl ool blsvdyu dhfofHku Q, oLFk v
vls ijh{kvla dh Q, oLFk ool aHZ ea, s h ulfrxr
fl HQj'la djuk plfg, fd ;g fo'kk "k jr okys
cPplals rkyey fcbk l ool

vyx&vyx Hk{k h t lfr] oxZ; kl ank ool?jla
lsvkusokys cPpladh fHku i "BHfe; larFk vuqola
dls d{k ea i; Lr LFku nsak plfg, A bl le> dls
dledkt dk fgLl k cuk k tk A bl fofHkurk dls
igpkusvls lg; k nsokysvdlnfed vls izkl fud
mik la dls txg nh tkuh plfg, A , l-l hbZvj-Vh ool
ik Loq/h l hvj-l h} chvj-l h vls MbV lsvkus
okyh ekh adk lefpr vls Rofjr mik glak plfg, A
, l-l hbZvj-Vh ool dledkt dls ool , s s FHM- l s
#fpen] ijr vls l tu'hy ykha ool Hjk sugha NIMk
tk l drkA, s h Q, oLFk LFfir fd, tkus dh "k jr
gSfd l LFk ool Hjrj vls f'k lclla eal tu'hyrk dls
c<ok feya l Fk gh l Fk foUr, i b/ku yas le;
ool fy, vls fo'oluh glak plfg, rfd l LFk ea
LFk; Ro vls fujrjrk dk cl/ gls l ool

blsmu rele ifoQ kvla dls ikl lgu nsak plfg,
tshlvj-l h} chvj-l h vls MbV }jki l B; iurd
vls vU 'lcl l lefzx la dls rSj djus ool fy,
vlo'; d ga bl ool eal B; iurd fodkl ool fy,
bls [lq vuq'ku djokus plfg, vls "leuh Lrj ij
pyusokys, s svuq'kula dls ikl lgr djuk plfg,
rfd , d fo'o Lrjh ekud rSj gla bls mu
l LFk h ifoQ kvladk lefz Hh djuk plfg, ftlls
f'k lcl] iB; p; l vls iB; iurd ool fodkl dh
ifoQ kl st l ool ; g l fuf'pr fd; k tkuk plfg,
fd "leuh Lrj ij f'k lcl] f'k kvls vU vclnfed
dle ool fy, l Hh l f p/ k; mi yC/ gla

bl dh rRky "k jr gSfd fu; fDr dh ifoQ; kvla
dk i qjZk k fd; k tk rfd [kyh txg la dls mi; fDr
mfemokjla ls Hjk tk lool gea #fp j [kus okys
mQ l ku isloj la dh "k jr gSu fd xS #fpen ykha
dh tsknsk ool cPplaool fy, dle djuseau rksn{k
ga u gh ml ea mudk #>ku ga , l-l hbZvj-Vh ea
vaj gh l qj dh "k jr ga tc rd fd ; g uglags
tkrc rd fofHku Lrj ij f'k lclla dh {erk vls
Loq dh xqloUk ea c<krjh ool fy, rsk rjZ vls
l onu'hy isloj la dh Hkxmhj dh dkl ef dy ga
i LFfed Loq dls etcvh nsokys l foQ i LFfed
f'k lclla dls MbV vls , l-l hbZvj-Vh ea fo'kk
(l a k/u Q, fDr) ool rSj ij n"KZ feyuk plfg, A⁹

15- jKVh Lrj dh l LFk ; vls ulfr; k

, u-l hbZvj-Vh uskuy ; muofl Zh vM, t ool kuy
Iylax] , M , MefuLV ku (U v) uskuy dml y
vM Vhpj , t ool ku (, u-l hVhbZ) t s h jKV^a Lrjh
l LFk ; bl mis; ool fy, LFfir dh xbZ gSfd ; s
jKV^a ea Loq h f'k lcl dh fLFfr l qj kus ool fy, enn
djxh bUgab : i ean sk tkuk plfg, fd ; s jK;
Lrjh l LFk vladh i VZj vls l f p/ k nk d glau fd
[lq dk l o; u djusokys jK; Lrj dh orZku {erk
vls muo }jk fd, tkus okys dle dh i nfr dls
nskrsg "k jr bl cr dh gSfd ; s l LFk j
leflz djusokys, t v vls lg; khl l LFk vladh rjg
dle djA

bu l LFk vladk lcl fopkj ool vxzh ekpZij
glak plfg, tsh "leuh gkyr dh vPNh idM-j [lrs
gg xqloUk okys' lcl djA mlgamu rele fopj la ck
fo'y sk k djuk plfg, ftudkfujr l tu glsjgk glk
gS vls , s rjmo l qk tkus plfg, ftlls mi; fDr
mPp xqloUk; fDr f'k lcl dle flz feya , d fuelyd
(Pace Setting) l LFku ool : i eamuol ikl bl dh

9. nl ohi po "KZ ; k uk ool dk Zljh l ey usbl eal soQ fl i Qj'lanh ga

{lerk vls n{rkghh plfg, fd osLo; adh l ekylpuk dj loA

pfid mlgarkyd vls xte Lrj dh l lFkvlaoQ dledk oQfy, mljnk h gsk plfg, bl fy, jkVh l lFkula dlsbu txgla dh lFfr; laoQ cjseairk gsk plfg, A; g tMo f'kkoQ fofHü ifji; l solrfod l aOQ vls tMo oQ dj.k plfg, u fd vldMa vls fyf[kr fjilw dh 'lrlk ija bl fy, bu l lFkula dls , s dk ZQ dh vlo'; drk gStks mgl h/ & l h/s bl ea 'hvey dja vls , s h fof/; la vls fopjla dls ryk la ftl dk Q, ki d vk/lj gls vls cMh l; k ea LoQ vls f'kld i f'kld l lFkvlard i sylo gls loQ izlj vls forj.k dh ifoQ kl eFZ djusokyh gsrkd ; g dbZrjg oQ l qto vls lg; k nsl oQ u fd fl HZ funkRed ekkjga

jkT; Lrj ij foOndj.k vls vldnfed {lerk oQ fueZk oQ oQ ea, d l Hhouk cuh gsvls lFkuh Lrj ij ; k tuk vls dle djuk l ho gyk ga bl fy, "k jh gSfd O, oLFk ea iZ, d Lrj ij {lerk c<hZ tkA vxj l Hh dle dls oQ, l lFkula }jik fd; k tuk gS vls iB; i qrd] 'h/ & i=H iB; p; lZ vls iB; oQ oQ fn' h&funZk bR kn dls oQpy jkVh Lrj oQ fudk la} jkrS kj fd; k tkuk gS rks foOndj.k dh dhZ vlo'; drk ugha gS vls u gh ; g iHoh gskA gsk rks; g plfg, fd jkVh, l lFku jkT; dls bu rele ph' haeaml dh {lerk oQ fodkl ea; k nku navls , d ep dh rjg dle djatgk fofHü fopjla dk foy; u gla , u-l hbZv/lj-Vh dh Hfedk , s h gsh plfg, fd og jkT; la dls mudh iB; i qrdh oQ cucus ea enn dja bl l lFku dh ; g "k jr gSfd ; g oQndj.k dls ?Wk vls lcdls fn' h&funZk nsl ls cps "k jr ; g gSfd ; g cgrj vo/lj. kvla vls ifoQ kvla dk fodkl djsftl oQ tfj, jkT; Lrj oQ yk brusl {le gsl oQ fd osvius mljla dls Lo; a rykk loA orZku O, oLFk iHl kgr djus oQ ctk yk la dls grkl kgr djrh gSfd os viuh

l eL; kvla dk gy Lo; a <ws rFk mul s mEem ; g ghrh gSfd osml mlj dk ikyu djaft ls jkVh l lFk; l qrh ga 'h/ oQ fy, jkT; dh l lFk; oQpy vldMa dls bd_k djus oQ dle eavkrh ga; k fiQ ml vè; ; u oQ iz a' u ea ftl oQ mis; la dk irk oQpy jkVh Lrj dh l lFkvlao dls gsk ga

, u-l hbZv/lj-Vh oQ fy, ; g "k jh gSfd og vius fofHü l ark la dh u, fl js l srS kjh djok rFk Klu dls, d rS kj eky dh rjg u nsl tk ftls inkoQ ea mQj ls ulps dh vls tkuk ga LoQ vls f'kld i f'kld l lFkvlard sxgst Mo oQ vylok bu jkVh, l lFkvlao oQ fy, ; g "k jh gSfd os, s epla dk fodkl dja tks f'kld oQ elys dls vls foLrj nslsd dle dja bu epla ea fo' ofo | ky; oQ yk la f'kld oQ fy, dle djus okyh 'h' l d l lFkvl vU #fpea yk la rFk LoQ oQ f'kld la dls 'hvey fd; k tk l drk ga bu epla ls ; g mEem dh tuk plfg, fd os ely la ij crpr oQpy vius chp ea u dja cfd os jkT; dh enn oQ fy, Hh miyC/ gh [Hl rls ls iB; i qrd l qkj dh dls' k ha vls vU ifoQ kvla ea

"k jr bl dh Hh gSfd jkVh Lrj dh ; s l lFk; fu; fDr; la inkur vls Hfedk oQ p; u oQ Lo; aoQ rjch dh leh'k dja ; g leh'k l xBu ea dle djus okys O, fDr; la oQ rFk l xBu oQ Lo; a oQ ifji; ea dh tuk plfg, A iZsk oQ fy, ikOZ (lateral) jkLradls [kyk tuk plfg, vls mu yk la dls Hh eSkfeyuk plfg, ft l gms "leuh Lrj ij dle fd; k gS rkd os jkVh, l lFkula dls, d fu; r le; nsl oQ ; g lc jkVh l lFkula dls tksfd "leuh oLrfodrkvla lsdvs gq g vfuok Zvis'kr nQ lZnxA

bl soQed dk Zky kvla vls l x' B; la oQ eè; e l s O, oLFkx l qkj vls ifoQ kvla la a' h vPNs i pyula dls l eus yuk plfg, A bl sf' kld oQ l fopla LoQ v f'kld oQ iz qh dls l fpr djuk plfg, A

, l-lhbZvj-Vh vls loZf'k'k vfHk ku dks nws vU txglaij fd, tkjgsuokpja oQ cjs ea vfuokZ: i l s tkudkjh nsh plfg, vls , d 'f'k'k & [cjl]* (Education Watch) okyh l LFk dh rjg dle djuk plfg, A

, u-lhbZvj-Vh dks iB; p; kZ oQ fofHku igyqlaij ve; ; u vk lstr djus plfg, rFlk bu ve; ; uladsl oQ Irij ij iplfjr vls iz kjr (disseminate) djuk plfg, Abl sl lekt d&vHkZi dljd vls ulfr; la dks ykwdjus oQ l nHZ ea xqlo uk oQ l pcdlal dls fodfl r djus dk dle Hh vfuokZ: i l s djuk plfg, A

oQzLrj ij f'k'k eaky; dks; g l fuf' pr djuk plfg, fd vHkZi enn igyslsvak'kyxk tk l dusokysrjhoQ l svls fcuk fdl h Q, o/ku oQ feysftlea, d nHkZi fyd onk Hh 'Hfey gla bl LFkuh, igy dk l Feku djuk plfg, rFlk /u fdl rjg l s [lpZgsl oQ l nHZ ea foLr r funZk vls ekz'z dls jkktuk plfg, A; g f'k'k dloQ l 'Drldj. k vls l turedrk oQ fo#¼ trk gA

16- l ekulaj l jpuK j, oaQ oLFk j

uCs vls vll h oQ n'kd us l oZ f'k'k edj. k dh pulsh dks l a/s r djus oQ fy, oQz } jk l efflz ; k uk v la , oaifj; k uk v la¹⁰ (ftueals db; la dks fo uk nsk l s clg oQ nrkv la us fn; k) dh , d i k yk dk mn; nq'ka ; g Lok uk fudk Fls tks l l h bVh jft LV3 ku , DV oQ rgr it hNr Fls rFlk l jdlj oQ fofHku

dledk h <ps } jk pyk tkjgs FlA , s h mEln Flk fd ; g <pld jpukeasyphyki ul mljrkvls fu'i {krk mi yC/ dj k xk rFlk ; g l fuf' pr dj k fd fdl h ifj; k uk fo' lsk oQ fy, vk k i s k ^l jf {k* jgs vls jk'; oQ l l eLi jk d l k h [krs } jk u l k k fy; k tk A bl snynj'k k oQ byk d la ea cPplard v¼Z s koj f'k'k d la } jk igp cucus rFlk yMd; la dks v fli fjr djusoQ fy, , d vlo'; d ; k d o, oLFk oQ: i ea nq'k x; k v le l enq dh xfrdh oQ l Fk rkyey fcBus oQ fy, i f'k'k k , oa l a k/ula oQ vfrfjDr <plad l LFk i r fd; kx; kD; l d , s k l e> kx; k Flk fd ml fLFk fo l eku fo Hk h <ps fu; fer : i l s xgu i f'k'k k dks vk lstr djus ea v {le FlA bl l nHZ ea fofHku jk'; Lrjh, l jpuK v la oQ vuqlo , d ijsku dj nns okyh feyt y h rl olj isk djrs gA eq; /jk oQ f'k'k fo Hk la oQ l Fk bu l jpuK v la vFlok <plad k t Mo de l j g r k x; k i B; i r d la dks r s j djus f'k'k d i f'k'k k rFlk l ve Lrjh ; k uk g r q i f j ; k uk Lrj dh d l s' k k a l s, l-lhbZvj-Vh dks njfduj dj fn; k x; k a bl dk ifj. ke ; g g y k fd Lok uk l LFk v la } jk vuqloh is koj la rFlk iz k d la dks ys fy, t kus oQ dlj. k vls pljd rak var% de" l j i m x; k a

'l s k d ; k uk rFlk ulfr fuelZk dh i foQ k dk, d yak bfrgl gSts yasle; ea, d t fod i foQ koQ : i ea fodflr g y k gA bl izdlj vk l a rFlk l LFk v la oQ vuq'laula , oa l q'la ea mu ulfr; la dks l e> k x; k ft U g a s 'l s k d ; k uk v la dh fLFk r dh

10. 1987 vls ml oQ ch vls pljd iz k d fud l jpuK oQ clg ^l coQ fy, f'k'k* (, t p Q ku i Q v v l y & b Z i Q, -) dh ifj; k uk dks ykwdjus oQ fy, oQ v¼Z jdljh fdle oQ fudk cuk x,] ; s l U u g s jk l LFku f'k'k d e l z i f j ; k u l 1987 (igysl h m k u s f o l k e g s k d j k k f i Q M h, i Q v h Z M h u s) f c g l j f'k'k i f j ; k u l 1991 (; f u l i Q } j k l e f f l z) j k l LFku y k l & t f c l i f j ; k u l 1992 (igysl h m k f i Q M h, i Q v h Z M h } j k l e f f l z) m l j i n s k c q u ; h h f'k'k i f j ; k u l 1992 (fo' o c a l } j k l e f f l z) f'kyk i H k e d f'k'k i f j ; k u k (M i h b Z h) 1993 (d b Z n r k v l a } j k l e f f l z f t l e a f o ' o c a l) ; j l s i ; u d e h l u j M h, i Q v h Z M h) u n j y M l j d l j v l s ; f u l i Q ' H f e y g s

vlykpk dh rFlk le; ≤ ij funkured dne
iLrr fd, A 'lkl ;kuk dk ;g bfrgl ftlea
fujrjr kFlh rFlk tks lloZ fud@u cgl rFlk l lFlk h
fueZk dh tfoð ifoð koð rls ij fodflr gyk Flh
mls ooy /u l s pyus okyh lekulj l lFlk la dls
lFlk ir djoou"ljvak"kdj Hx dj fn; kx; k fol xfr
; g gSfd bu lekulj ljpkv lausu ooy vls pfjd
vls eq; /lyk oð ljpkv la oð euky , oan{rk ij
udkjRed iHko MykcfYd ifj; k ukv la oð l eV nns
oð chn bu ^uolpjk lsl h[kuk Hh foytr gls x; k

16-1 vYidkyd ifj; kuk; cule
nlZlkyd n'Vdsk

f'k'k oð fy, ; kuk cukus grq dbZ ilf<+ la oð
nlZlkyd n'Vdsk dk leð; vlo'; d gA xr
n'kd eð fuf'pr vof/ dhifj; k ukv lausnlZlkyd
ulfrxr ifjn'; vls vYidkyd ifj; kukRed
j. kulfr; la oð eM-ij bls ifr lFlk ir fd; k jk;
ljdk la oð <pkxr fodkl dls njfdulj dj fons'la
lslefflz ifj; k ukv lausbu ljdk la ij e'kulñr
<x lsviusy{; iHr djus oð fy, nco cuk k
tks oð Hh gyk og Flk fl HZ v lFlk h [kpZ tks fd
ÅtZku vf/dkj; h tks , d lekulj O; o lFlk oð
ieðk Fls; k f'k'k l fpo oð }lyk bl dk url'k; g
jgk fd l lFlk la dls xsl lFlk h fu. lz ifoð k v la dls
viukus oð fy, e"kyv gsk iMA dbZ jk; la us
èku&l à leku dls Loq/la MbV vls , l-l hbZ vj-Vh
ea vè; ki d la dls vuqá/r djus ij O; ; fd; k vls
vuq; kh mís; ifrZ oð fy, bl eW; oku l à k/u
dk viO; ; fd; k

bl us l hvkj-l h@hvj-l h@lv vls , l-l hbZ
vj-Vh t\$hl lFlk la dh uljork dls c<ok fn; k vls
blga ekk ljdk dk vnsk vuqkyu djus okys
nYrj'gh <pla ea rñly dj fn; k Lo&vfi j. k
[k] fo'yšk k vls uolpjk oð vHko ea; s l lFlk j
fdUha vU fu; ktr dk Zela dk foð kb; u ekk

djus yxla bl ifj lFlk ir ea; s l lFlk j; Lo; a dls
vè; ki d la vls Loq/la oð vuq i ugha <ky i kA
oLrr% ; s l lFlk j; vè; ki d la vls Loq/la dls yslj
vius ^vrxZ* , d inkuoð vls x\$&ykrlk d
elgy iuikrh jgh

bl ifj lFlk ir ea; g iWstkus dh vlo'; drk gS&
dls fdl oð ifr tokng gA bl le; l clscMh
puls h, d , l h^tokng* O; o lFlk dk fueZk djuk gS
tks var% cPplavls moð ifj oð ifr tokng
gls ml siR, d cPpsoð xqloð k f'k'k oð vf/dkj dls
lkdj djus oð fy, tokng ekuk tkA

17- l à k/u vls foðr vojls

f'k'k oð fy, l à k/ula dls yslj xgjs iMky dh
"k jr gA fdl gn rd i\$ k fn; ktk vls f'k'k oð
lg; k oð fdrus vak dls ekua l à k/u fodkl
eaky; }lyk kulZ xbZ l feir oð folrè fjilZ @
vdyu dk fgll k gsk pfg, A foðr jk'k oð fn,
t kus oð rjhdla vls [kpZ djus oð rjhdla dk fujh k k
vls mi; k dk ysl k k k bR kn ij xgjs rls l s
fopkj djus dh "k jr gA orZku ifoð; k v la eafu; e
vls ekud la ij "; knk cy gSctk dle dh xqloð
vls iñfr oð O; o lFlk ftl rjg fofHÀ izlj dh
flFlk ir; la ea dle dj jgh gSogk "; knk yphys vls
l onu'hy ekud la dh l [r "k jr gA

bl iOdl leg us; g egl w fd; k fd jk;
ljdk vls onz ljdk oð cp [kpZ dh t kus okyh
jk'k oð cVojls dh tlp dh tkuh pfg, A pfd onz
}lyk fn; k t kus okyk foðr lg; k igys lsr; onz
lefflz ; k ukv la (l v'yh Li la MZ l dle&l h, l-, l)
oð lFlk c/kgk rkgSbl fy, jk; ljdk dsl koZk d
f'k'k oð fy, vif{r foð dls yslj le> l s djus
iMrgs gA [kl rls lsrc tcf d "; knkj jk; ljdk la
xgjh v kFlZl raxh l xqkj jgh gA bl dh otg l sjk;
ljdk mu xfrf of/; la dls tlyh ugha j[k ikrh tks
le; c¼ ifj; k ukv la l stly gks gA

bl leg us foŭt; i fO; k/la ea : f-e¼ark oŭ
 elysij dŭŭ l p&fopkj [ŭ rŭ ls, d bdlbzoŭ
 fy, gŭsokys [pZij vŭ vFZvZxrfof/; la dks'kq
 djus dh {lerk ij iMusokys iŭko ijA Hŭj ljdj
 dh; k ukv lft l eal oZ k k vŭfk ku Hh 'ŭfey gŭ ls
 bdlbZ [pZ dh t kudj h feyrh gŭ mlj. k oŭ fy,] 70
 #i; siŭr fmu iŭ, d l f'k d oŭ i f'k k k oŭ fy,] fcz
 dŭ k dh l ŭ; k vŭŭ fcz dŭ Zea cPpla dh l ŭ; k
 vlok h; fcz dŭ Z oŭ fy, bdlbZ [pZ vŭŭ xŭ
 vlok h; fcz dŭ Zoŭ fy, bdlbZ [pZ eMŭ DyLVj
 Loŭ dŭs, u-i h bZ h bZ, y dk ņe k ea (, l-, l-, -dk
 , d dk ņe) vfuok Z: i ls 'ŭfey dj yŭŭ ; g
 l c oŭ l ijs nŭk ea l e: i & l k g s vŭŭ iŭr bdlbZr;
 [pZoŭ eŭfcd gh; g jf'k [pZoŭ fy, nh t k rh gŭ
 bdlbZ v k /ŭj [pZ dh l l e k /la dks l e> k t k pŭfg,
 rŭd l ŭfŭ; viuh xrfof/; la dks iŭko 'kyh <x ls
 pyk loŭ; g nŭjkt oŭ vŭŭ tut k h; byk la ea
 foŭHŭ l eŭk la vŭŭ l l e k t d l e g la oŭ fy, oŭ
 flŭr; la ea [ŭ egŭ j [rk gŭ

viust s fo'ky vŭŭ fHŭrk okys nŭk ea bdlbZ
 [pZ l e: i ugh g l drk f d l h f'k d dks i f'k {r
 djus oŭ [pZ ?ŭ&c<+l drs gŭ t k bl ij fuHŭ
 djrk gŭŭ i f'k k k dk dŭ dgk g l j g k g s r f k
 bl ea {ŭk fo'ŭk ea vlok t l gh oŭ [pŭ d k v a j Hh
 'ŭfey gŭ l f k gh fcz dŭ Z dŭs pykus; k y M d; la
 dh f'k k dh c<ŭj h oŭ fy, xgu xrfof/; la dks
 v k ŭŭr djus dk [pZ nŭk oŭ v y x & v y x dŭ la
 ea , d & l k ugh g l drk bdlbZ [pZ } j k ; k uk
 l pkyu dk iŭko dŭŭ x g j k gŭ l o z f'k k vŭfk ku
 dh ; k uk v la dks bl r j g r ŭ & e M k x; k fd og
 l e: i bdlbZ [pZ ea fi ŭ g l s loŭ bl v Vi Vh
 flŭr dŭs, d O; k o g j d Kku l s l y > k t kus dh

"k jr gŭ dk ņe dh j p u k ea {ŭk fo'ŭk vŭŭ
 foŭ'KV l eŭk oŭ f'k d la dh "k jr dŭs vfuok Z
 : i l s vŭŭ k j cuk k t k u k pŭfg, A

bl l s Hh "; k uk egŭ bi vŭŭ; g gŭŭŭ ŭ bdlbZ [pZ
 pybZ t kus okyh foŭHŭ i z l j dh xrfof/; la dks
 l l e k ¼ djrk gŭ dk ņe oŭ mŭŭ; t s x q l o ŭ k dk
 fod k l l j s c P p la dŭs Loŭ ea y k u k b r k n ea d b Z
 l j h xrfof/; k t ŭ h g r h gŭ ; g dŭŭ e f dy gŭ
 fd ge mu rele xrfof/; la d k v k d y u i g y s l s g h
 dj ya vŭŭ muoŭ [pZ dk f g l k i g y s g h y x k y a
 p f d b d l b Z [pZ o ŭ x r f o f / ; la d s r k s i j H ŭ r
 djrk gŭ v ŭ dŭs u g h a b l f y , ; g l c o ŭ v ŭ
 r e l e x r f o f / ; la d s g h N ŭ s d h r j H ŭ c < l r k g ŭ ; g
 dk ņe ea u o p j h vŭŭ ŭ b Z n H j r h "k j r l a i j i g y
 djus dh {lerk dŭŭ ?ŭr k gŭ bdlbZ [pZ ; k uk dŭs
 ; k d <x l s y k w d j kus dh gh , d i g y y x r h gŭ
 f t l e a c M l ŭ ; k e a c k / k ; v k h g ŭ v ŭŭ f t l s "; k k
 d Y i u k h y r j l o l s l y > k k t k l d r k gŭ

dbZckj ; g roŭŭ f n; k t k r k gŭŭŭ ; s b d l b Z [pZ
 oŭŭ ŭ l ŭ o ŭ r d * (indicative) gŭŭŭŭŭ yŭŭŭ gŭŭŭ
 ; g gŭŭŭŭ ; s f'kyk ; k uk v la vŭŭŭ foŭt, v k d y u oŭ
 fy, e k u M dk dŭe d j r s gŭ¹¹ b l f y, l j d k j h
 v f e l d j h m u x r f o f / ; la d s l o l ŭ ŭ r o ŭ l e ; o j h r k
 n r s g ŭ f t l o ŭ f y, b d l b Z [pZ d k v k d y u i g y s l s
 e l s w g r k gŭ mu egŭ bi vŭŭ xrfof/; la dh l o l ŭ ŭ r
 dŭs v k y n ŭ k g h c g r j l e > r s g ŭ f t u o ŭ f y, b d l b Z [pZ
 u g h a f n ; k g r k g ŭ ; k ; s [pZ v u ŭ ; ŭ r g r s g ŭ
 D ; l e d , d h flŭr ea y ŭ l ŭ f o H ŭ x dh v k i f ŭ k k v k
 l d r h gŭ ; g H h r o ŭ f n ; k t k r k gŭŭŭ b d l b Z [pZ
 dh "k jr b l f y, gŭŭŭŭ f'k k oŭ l o ŭ ŭ ŭ e d j . k oŭ
 fy, "k j h foŭt, iŭo/ku dk v k d y u g l s l o ŭ
 c ŭ k d f'k k oŭ l o ŭ ŭ ŭ e d j . k g r q "k j h j f'k dk

11. f'kyk vŭŭŭ j k t ; oŭ l o z k k vŭfk ku dk ; k uk v la dŭŭ , M & f l y) , u - l h b Z v l j - V h vŭŭ ŭ i n k o ŭ l e l k & l n l ; la } j k i j h r j g l s
 b d l b Z [pZ o ŭ v k / j i j v k d y u f d ; k t k r k g ŭ b l s , d e " k j h d h r j g l e > s t kus dh "k jr g s vŭŭŭ b l dh dŭŭ k k dh t k u h
 pŭfg, f d ŭ b d l b Z [pZ i j v l e k j r l o l ŭ ŭ r o ŭ c t k mu iŭo ; k v la dŭs viuk k t k f t l l s j k t ; l j d k j h i j f o ' o k l f d ; k t k
 r f k m l g a v i u h ; k uk j [ŭ c u s g r h l ' ŭ r f d ; k t k A

vkdyu fofHā xrfof/; la oQ bdlbZ [lpZ oQ eW/s
 vuqku l syxk k tkrk gA gylfd bl dk eryc ; g
 ughaglak plfg, fd bl vkdyu oQ l Fk ykwdjus
 l a/h , d l Vhd fn'k funZk Hh glA mlgj. k oQ
 fy,] tc f'k'k oQ l koZhfedj. k oQ fy, f'k'kd oQ
 oru dh x. luk dh tkrh gS rls ml dk vkdyu 8000
 #i; k i frelg ifr f'k'kd fd; k tkrk gA gylfd
 f'k'kd dk okrfod oru dHh vyx&vyx grk
 gStks fd jkT; ljdkj oQ orueku] ojhrk vS
 vU Hhka ij fuHjZ djrk gA bl fy, x. luk oQ fy,
 fodfl r fd, x, fu; eA dls bdlbZ [lpZ oQ vk/lj
 ij ykwwugha fd; k tk l drkA ; gh roZ vU
 xrfof/; h tS sf'k'kd i f'k'kd l enq dsl onu'ky
 cukus br kn ij Hh ykwwgrk gA

bdlbZ [lpZ dks ojhr rknnsdk, d dlj. k; g Hh
 gSfd bl ls foUtr vuqku u vS mUjnkf; Ro cuk
 jgrk gA ; | fi tc nsk Hj oQ fy, bdlbZ [lpZ dks
 r; fd; k tkrk gS rls bl dk i Hko Bhd myVk grk
 gS vf/dlak LolNr jk'k dk bLreky rc grk gS
 tc bl dh "k jr ughagrkA xrfof/; la dh bl rjg
 jpuk djuk fd os bdlbZ [lpZ eal ek l oQ njvl y
 foUtr l a k/ula dh cckrh gA

pfd oQnz l effZ vyx&vyx ; k uk ; yxrkj
 cu jghgA bl oQ l Fk gh; g "k jhgSfd vyx&vyx
 rjg dh xrfof/; la dls viuk k tk A bl dlj. k; g
 Hh "k jh gS fd bdlbZ [lpZ dks r; djrs le;
 bl dh /kj. k ij iwZfopkj dja , d k djus oQ fy,
 "k jh gS fd foUtr mUjnkf; Ro oQ fy, "; knk
 yphys mik la dls l fuf'pr fd; k tk vS vxj
 bdlbZ [lpZ dks blreky djuk gS rls "k jr ; g gSfd
 bl s, d k cuk k tk fd ; g jkT; Lrj oQ ctK vS
 "; knk Nw/h bdlb; la oQ fy, glA Mh i hbZ h eaf"ky la
 dks bl ckr dh vuqfr Fh fd os viuh xrfof/
 fo'k'k oQ fy, bdlbZ [lpZ dks r; djus dk mik
 djx; g dk Ze vk k d la vS fu; k tudrZ/la dks
 bl dk volj nrk Fk fd os fdl h [kl l eL; k l s

twus oQ fy, vyx&vyx dbZinzlj dh j. kulfr; la
 dk [k ky j [la ctK bl oQ fd l eps Hkr oQ fy,
 , d gh bdlbZ [lpZ j [k tk A

dk Ze dks crj rjhoQ l sykwdjus oQ fy, ; g
 fl Hkj 'kdjuk" k jhgSfd fdl h Hh fof'KV xrfof/
 oQ fy, bdlbZ [lpZ dks l Fkuh Lrj ij rS kj fd; k
 tk ctK jkVh; Lrj oQ bl rjg oQ bdlbZ [lpZ dh
 Nvuh oQ fy, , d k rak LFfir fd; k tk l drk gStks
 foUtr mUjnkf; Ro dks l fuf'pr dja

**18- f'k'k l okvladk Q ol k hdj. k (i s loj
 i ofUk dk fodk)**

vt f'k'k oQ {k ea i s loj # [k dh fl js l s deh gS
 [kl dj LoQ oQ vè; ki d l sydj mu l i Fk vlard
 eatksfd 'k'kd vk/lj inku djus oQ mis; l scuh
 FhA ; g Hh vlo'; d ughagSfd LVHh dkp; u mudh
 'k'kd #fp ; ki o h rko oQ vk/lj ij ghfd; k tkrk glA
 bl lfy, ; g vlo'; d gSfd LVHh vS vU deZkj; la
 oQ fy, p; u ulfr vS {lerkva dks c<kus ij è; ku
 fn; k tk A l Fk gh i fO; k oQ l Hh Lrj la ij vlo&t gh
 if'Zd l a/ark (lateral linkage) gS vS jkVh; |
 jkT;] f'kyk Cykd] DyLVj la eaf'Zd vS ÅeoZnks la
 ghfn'k'k vaeafopj la vS vuqho adk Oec¼ vku&i nku
 glA bl oQ fy, vlo'; d gSfd LFkuh vf/dkj; la dls
 viusmp vf/dkj; la dh ryukea; Fk k; yphyki u
 vS Lok Urk feyst l l sf d l Hh Hh xmkj la eal eh'k
 vS iqcZy dh i fO; k oQ l tu l stfur clS/d
 {lerkva dkl o¼Z gsl oA

bl rjg dk cgrjhr gLr{la LoQ la oQ fy,
 l lenkf; d lg; k l Hh Lrj la oQ i pk rh jkT; l i Fk v/la
 dk edkj lg; k vS f'kyk vS mif"kyk Lrj la ij
 rdudh vS 'k'kd l eFZ ij fuHjZ gA ; g l pkyu
 eal qkj vS nkonkjal sijle'Z djus dh ubZ i fO; k va
 dks tms tus dh viSk j [rk gA bl dk ifj. ke
 fo | ky; h f'k'k dk l koZhfedj. k gsk plfg, tks fd
 rdudh vS 'k'kd fo'k'k rkrk ij fuHjZ glA

19- bl ~~10~~ll leg dkifji; %l ~~1~~li

ge ubZl ~~1~~Fk v~~1~~adh ~~1~~Fki uk v~~1~~§ ijuh l ~~1~~Fk v~~1~~adksfxjkusdh cr ughaj[kjgs~~1~~A ;g cr t: j gSfd x~~1~~rk v~~1~~§ ml lg lsizk fd, tkj~~1~~rd%

1- cfg"dj.k dh l ~~1~~jpuk v~~1~~ao~~1~~fo#¼ l fØ; rk l s~~1~~de fd; k tk ft l l s~~1~~fd Lo~~1~~y~~1~~neac Ppladh i~~1~~yh H~~1~~x~~1~~h~~1~~gh gl~~1~~o~~1~~A Lo~~1~~y ; sl fuf'pr dja~~1~~fd i~~1~~R~~1~~cl cPps dh Lo~~1~~y h~~1~~thou rd igp gl~~1~~A ml~~1~~gamudks i~~1~~h~~1~~l fgr djuk pfg, v~~1~~§ l f~~1~~o/k; nsh pfg, t~~1~~s Lo~~1~~y N~~1~~M~~1~~x, g~~1~~§; k fi~~1~~Q cl~~1~~g /o~~1~~y fn, x, g~~1~~arfd osokil vk lo~~1~~A os; g l fuf'pr dja~~1~~fd cPps de~~1~~l & de d{~~1~~k nl rd fu; fer f'k~~1~~k ik lo~~1~~A

2- Lo~~1~~y fuf'pr r~~1~~§ ij c~~1~~ky o~~1~~far gl~~1~~v~~1~~§ cPps o~~1~~ cgrj h o~~1~~fy, d~~1~~e djarfd cPps viuh i~~1~~yh {lerk d~~1~~s l k~~1~~d~~1~~j dj lo~~1~~A Lo~~1~~y fuf'pr r~~1~~§ ij e~~1~~dfey gl~~1~~ muo~~1~~ Lo~~1~~LF; d~~1~~s y~~1~~d~~1~~j] i~~1~~h~~1~~drk o~~1~~ Lrj d~~1~~s y~~1~~d~~1~~j] v~~1~~§ muo~~1~~ v~~1~~PNs cuus d~~1~~s y~~1~~d~~1~~j A Lo~~1~~y o~~1~~ l j~~1~~kl~~1~~h~~1~~ea; g H~~1~~h 'h~~1~~ey gSfd ; g l e>k tk fd Lo~~1~~y v~~1~~us l sigys cPp~~1~~h o~~1~~ l Fk D; k g~~1~~yk gS v~~1~~§ Lo~~1~~y N~~1~~M~~1~~ej t~~1~~us o~~1~~ cl~~1~~ D; k gl~~1~~A Lo~~1~~y fof~~1~~o/rk dh vfuok Z : i l s~~1~~dnz dja v~~1~~§ l H~~1~~h cPp~~1~~h (y~~1~~M~~1~~d; h~~1~~ dledk h cPp~~1~~h fo'k~~1~~k v~~1~~o'; drk o~~1~~lys cPp~~1~~h 'h~~1~~sk k v~~1~~§ fga k o~~1~~f'k~~1~~d~~1~~j] o~~1~~fy, vol~~1~~ja eal e~~1~~urk l fuf'pr dja

ulfr l ~~1~~ca'h n~~1~~Roš k v~~1~~§ f'k~~1~~k o~~1~~foe' h~~1~~ea Lo~~1~~y dk D; k v~~1~~FZ gS; g l e>kus o~~1~~fy, yphysekud r~~1~~§ ij fd, t~~1~~us dh "k jr g~~1~~A ; sekud 'h~~1~~cl fl ¼~~1~~h~~1~~v~~1~~§ cPp~~1~~h o~~1~~fy, l e~~1~~urk r~~1~~Fk U~~1~~k o~~1~~ fl ¼~~1~~h~~1~~aij v~~1~~l~~1~~fr g~~1~~us pfg, A osbl n~~1~~"V o~~1~~ l Fk cuk t~~1~~us pfg, ft l e~~1~~a Lo~~1~~y o~~1~~fy, , h~~1~~ i~~1~~h~~1~~Ø; k; fu/ h~~1~~r gl~~1~~at l l H~~1~~h cPp~~1~~h o~~1~~ l h~~1~~kus eal g~~1~~k d gl~~1~~A

H~~1~~h~~1~~rd i~~1~~f~~1~~l~~1~~fr; k %

ey: i l s~~1~~f'k~~1~~k pr~~1~~u r~~1~~Fk v~~1~~pru t~~1~~h~~1~~o v~~1~~§ l o~~1~~h o~~1~~e~~1~~; e l s~~1~~h~~1~~/kus o~~1~~ vol~~1~~ j i~~1~~nh~~1~~ d~~1~~us dh i~~1~~h~~1~~Ø; k g~~1~~A Lo~~1~~y~~1~~h d~~1~~s bl r~~1~~g o~~1~~ vol~~1~~ j l fuf'pr d~~1~~j~~1~~useal 'h~~1~~Dr gl~~1~~ak pfg, r~~1~~Fk cPps d~~1~~s vol~~1~~ j n~~1~~us pfg, fd og Lo; a [h~~1~~ l o~~1~~A bl h~~1~~iz~~1~~lj f'k~~1~~cl , s~~1~~g~~1~~us pfg, ftuo~~1~~ik l e; g~~1~~sr~~1~~Fk t~~1~~h~~1~~o o~~1~~fy, /S~~1~~A ; g Lo~~1~~y dk n~~1~~f; R~~1~~o g~~1~~us k pfg, fd l h~~1~~kus dh i~~1~~h~~1~~Ø; k eal H~~1~~h cPp~~1~~h d~~1~~s 'h~~1~~ey d~~1~~us o~~1~~fy, mi; h~~1~~r l l e~~1~~ft d H~~1~~hou~~1~~red l l F~~1~~fr; k l fuf'pr dja bl o~~1~~fy, Q o~~1~~l Fk dh v~~1~~§ l s "k j h l f~~1~~o/k] ; k~~1~~ , oal o~~1~~su 'h~~1~~ky f'k~~1~~cl r~~1~~Fk l h~~1~~kus o~~1~~fy, mi; h~~1~~r o~~1~~kr~~1~~oj. k fn; k t k A

p~~1~~fd N~~1~~h~~1~~s cPp~~1~~h d~~1~~s"; nk xg~~1~~st~~1~~h~~1~~o v~~1~~§ cr~~1~~pr dh "k jr g~~1~~A vr% f'k~~1~~cl & fo | F~~1~~h~~1~~Z v~~1~~u~~1~~ik 'h~~1~~q~~1~~v~~1~~rh d{~~1~~k v~~1~~o~~1~~fy, J~~1~~S~~1~~B gl~~1~~ak pfg, A ml~~1~~g~~1~~.k o~~1~~fy, ; g , d l gh l e~~1~~pp; g~~1~~sl drk g~~1~~S i~~1~~o~~1~~Z i~~1~~F~~1~~fed l s d{~~1~~k 2 o~~1~~fy, 1%20] d{~~1~~k 3 v~~1~~§ 4 o~~1~~fy, 1%30 r~~1~~Fk e~~1~~; fed fo | ky; o~~1~~fy, 1%40 A

v~~1~~h~~1~~h~~1~~d fo | ky; eacPp~~1~~h d~~1~~s g~~1~~Fk l s d~~1~~jo~~1~~ l h~~1~~kus o~~1~~ cgr l i~~1~~js v~~1~~u~~1~~h~~1~~o n~~1~~sv~~1~~o'; d gS~~1~~tu ij os~~1~~pru dj l o~~1~~A bl fy, m~~1~~pr e~~1~~kk eami; h~~1~~r v~~1~~f/x~~1~~e l l ex~~1~~h r~~1~~Fk bl s l x~~1~~gr d~~1~~us o~~1~~fy, i; h~~1~~r l Fk~~1~~u dh v~~1~~o'; drk g~~1~~A cPp~~1~~h d~~1~~s v~~1~~ius l Fk~~1~~h o~~1~~ l Fk~~1~~h d~~1~~e d~~1~~us dh "k jr g~~1~~S & l e~~1~~g dk Zo~~1~~fy, i; h~~1~~r l Fk~~1~~u mi y~~1~~C/ djuk v~~1~~o'; d g~~1~~A v~~1~~PNh r~~1~~g l s <dk g~~1~~yk , oav~~1~~PNh i~~1~~z~~1~~kk k O, o~~1~~l Fk o~~1~~ l Fk i~~1~~R~~1~~cl cPps o~~1~~fy, 9 oxZ~~1~~l~~1~~Q~~1~~ dk l Fk~~1~~u "k j h g~~1~~A i~~1~~Q~~1~~z j , s~~1~~k gl~~1~~ak pfg, ft l eacPps Lo; av~~1~~il eav~~1~~§ f'k~~1~~cl k l s H~~1~~h cr~~1~~pr dj l o~~1~~A i~~1~~R~~1~~cl fo | ky; eacPp~~1~~h o~~1~~fy, mi; h~~1~~r [l~~1~~y dk e~~1~~ku gl~~1~~ak pfg, A

3- g~~1~~el~~1~~h fo | ky; h~~1~~Q o~~1~~l Fk~~1~~h fo | ky; h~~1~~f'k~~1~~cl h~~1~~aij H~~1~~h~~1~~k d~~1~~js vxj ge O, o~~1~~l Fk o~~1~~ q~~1~~l~~1~~o~~1~~U~~1~~k eal q~~1~~lj d~~1~~s i~~1~~h~~1~~for djuk p~~1~~grs g~~1~~ar~~1~~sl j~~1~~h l g; k~~1~~h O, o~~1~~l Fk v~~1~~l~~1~~ DyLVj l s j~~1~~K; Lrj rd] d~~1~~s v~~1~~ius l g; k~~1~~ d~~1~~s f'k~~1~~cl h~~1~~

oQifr fo'ok vls l Eku ij vk/ljr djuk gkxftleamls, d mi; Dr Lok Ut xg nsh gkxh f'kldla dlsbl cr oQfy, iHl kgr vls lg; k fn, tksdh Hh "k jr gSfd os [kq viusfy, lg; ksh leg cuk loA

jK; dls O, oLFk oQ Hrrj Bso ij dle fuiVkus lscpuk pfg, A iHfed LoQy oQ f'kldla oQ ikl voljladk, d fodk & iFk gsk pfg, rfd osf"kyk vls jK; Lrj ij iB;p; ZoQ fodk vls fofHÁ lxBula (MbV vls , l-lhbZvj-Vh) oQ {lerkfodk l stM-l oQ vls muoQ }jk; g fodYi gesk gsk pfg, fd vxj ospgarksiq% iHl Hd LoQy f'kld dh vls yW loA

4- iHfed LoQy lsoQ Lrj ij d{k vls LoQy laeal enk dh Hkmljh bl cr dhek djrhgS fd iB;p; ZoQ, d fgll sds LoQy oQ Lrj ij jpk tk ; k dk ZIFky eaLoQy lsoQ, d leg oQ chp lhvj-lh chvj-lh vls MbV eadle djusokyladlsbl iH; kea'kfev fd; ktk AmgaLoQy la vls iHfed LoQy oQ cPp lsoQ l Fki; Lr le; fcrkuk pfg, rFk f'kldla oQ l Fkyasle; rd dle djoQ lexh vls fopjladkl leusyuk pfg, A iB, d Lrj ij elk nk' lB(l l Fk v l seayl l raldj. k dh iH; k v l adl set cw djusoQfy, Q oLFHed cnylo "k jyk ktk vls bu iH; k v l adh flFfr dls n' HZ sokys rj l adl Hh txg feyuh pfg, A

LoQy ls Aj dh DyLVj] CyW] f"kyk jK; rFk jKvH; Lrj d&l Hh l iFk v l adl lg; k nas vls l 'Dr djus dh Hfedk fuHus dh "k jr gSu fd izk/d vls fujhkd dh

5- cPp lsoQ l B(l d vf/dj vls cM l d; kea' Aph d{k v l soQ nco dls n' krs gq mPp iHfed Lrj vls ek; fed Lrj ij LoQy l adh l d; k c< hZ t kuh pfg, A pfd bl Lrj ij fo" k l adh fo" k olrqvls pfd rfdZl laa' culus vls vo/lj. k v l soQ le> usij vk/ljr gsh g& tksfd "k jhughgSfd evZvufolals tMgh bl fy, LoQy l adl pfg, fd osizk] loZ ve; ; u vls iB;p; ZoQ < l psoQ Hrrj vU Q, Drxr vls l legd dk kds djus dh l Hkouk v l adl "k j egSk dj k A; g bl dhek djrk gSfd ge, i h iH; k v l adh voljladk l Fk i r djaft l ls LoQy oQ f'kldla rFk vU LoQy l soQ f'kldla oQ chp fu; fer : i ls, d e' fojk gsrFk mudh igp l lefz l vls , d vPNsle ¼ i l rdky; rd gA mPp Lrj oQ vf/dj h bl eal {le glfd f'kld iF k k e auo l p j l adkl eFZ vis{r rduldh l gk rkoQ l Fk dj l oQ vls muds "k jh l l k/ u egSk dj k A

igyh ik-h oQ f' k H F H Z

geabl cr dls "k j lohdj djuk pfg, fd xjhc cPp [kl dj igyh ik-h oQ l h[kusokylsoQ ikl ?lj eal h[kusokfy, dlsZl g; ksh O, oLFk ughgsh g& fdl h Hh cPps dls /leh xfr ; k fi Q u le> i kusoky gks dh otg l sml s LoQy l scg j ugh/ oQy fn; k t luk pfg, A l a v Z f' k k O, oLFk dls, i scuk tksdh "k jr gSft l l sfd og, i scPp l adh "k jr l adh i fr Zdj l oQ vls muoQ l Fk l Eku , oal o su' Hyrk oQ l Fk cr l dj l oQ rfd os g j fnu LoQy ea v kus oQ fy, iHl l gu ik loA

ijh(k l q lj

cgr l js fo| k F Z l soQ fy, d{k nl dko" l Zcdlj oQ rulo dkle; gk k gA vis{ k N r cgrj fo| k F Z l soQ chp ijh(k ea i sy gks dls, d izqk vlink oQ : i ean[k t r k gA ; gk rd fd i; Lr mPp val u ikus

ij Hh xgjh fprk , oavRxyku dk Hko Hj trrk gA Loq oQ u" kj, l snf kusij ; g irk pyrkgSfd ; g
 ijh{k mPpk iFked rd] ulpsmrjrsq] Loq dh fo" k oLrqrFk fof/ dls fu/ Ljr djrh gA bl fy, vxj
 ge l awzf' k{k izkyh eavFLZvZl q]j vodfyir djrs gArks ; g vlo' ; d gSfd ge ijh{k , oaml l stMh
 ghZiB ; ppLz iB ; oQ rFk iB ; i r d l a i j v k l p u k e d u " k j M y A

plgs d b Z v a l n s ; k x M d { k n l d h i j h { k v a d h i k & i s y d h c f u ; k h f l F r c n y u h p f g , v l s m l d k
 fodYi mHjuk pfg, A mu fo | k F Z l a d s r k e m e z ^ n l o h a i s y * o Q v i e k u t u d y c y l s x i j u s o Q f y , e t c y v
 u g h a g k p f g , t l s d { k n l e a x M u g h a c u k l o Q L o q a d k e w ; k a d u b l h v k / k j i j f d ; k t k u k p f g , f d
 f d r u s f o | F H Z v i u h i < b Z t l j h j [k i k j g s g A b l v k / k j i j L o q a d k e w , l a l u u g h a f d ; k t k u k p f g ,
 f d o s i j h { k e a D ; k f u " i l n u d j j g s g A b l v o l F k e a c P s i a g ; k l l y g o " Z o Q f d ' h j g r s g A L o q a
 d l s b u f d ' h j l a d s f o f H u { s k e a f u n z k u , o a i j l e ' L z r s g q b u o Q l F k v o ' ; t y k p f g , A

6- foohdj.k

foohdj.k oQ l k k l r j l o Q o Q t f j , g h L o q] f o H k x r F k ' k f . k d l l F k v a d k f o o h d j . k g l d r k
 g A L F k u h i z k k u r a k d s L V H Q , o a u k s i j ' k g h o Q i z c l l i k u o Q O f D r ; l a l s H k j h l e F Z d h " k j r
 g l d r h g A b l l a H Z e a t k e q ; e q s g s o s g A & L F k u h] i t a h r F k j k V h , L r j i j d l e d j u s
 o k y s c g l r j h j k t u l f r d f o H k x h r a k o Q i f j { s k e a : i j s k r s j d j u k v l s ; g l e > u k f d c P p l a
 o Q f ' k k o Q v f / d j d l s l e F Z n a s e a b u L r j l a d h v i f j g k Z H f e d k g A ; g l o / k u h v o ' ; c j r h t k u h
 p f g , f d f o o h d j . k f u p y s L r j o Q i n k u o Q e (g b ; k d h j i j f " k e o k j ; k u y k s t l s m u d h f u . L
 i f o Q k o Q f y , m i ; q r u g A ' k f d r a k e a i ; L z r y p h y k i u , o a L o k U r k g h p f g , % u l f r f u e l z k
 f o k v l o y u] i z k k f u d f u n z k d i b / k u v d n f e d l e F Z d s b l i z k j r s k j f d ; k t k u k p f g , r f d
 o g l c l s f u p y s L r j o Q u l f r & f u e l z k d h L o k U r k d s l e F Z n s l o A

7- IFkuh fudk , oalepk dsetcwh inku djuk

f' k l d a d s i H k o d j h r j l o Q l s v i u s n f ; R o d s i y k d j u s o Q f y , l { l e c u k u s o Q f y , x t e i p k r l a
 d h " ; k k H k m l j h d h v l o ' ; d r k g A r c H h f o o h d j . k , o a L F k u h , H k m l j h d h " k j r d e j o m h i N f r
 d h u g h a g A l v e L r j d h ; k t u k o Q f y ,] c P p l a o Q v u q i j . k u l f r , o a L F k u h , l a k l a d s l y > k u s o Q
 f y , b l d h v l o ' ; d r k g A l p e p b l d k d b Z n v j k l e k / k u u g h a g A l e L ; k v l a o Q l e k / k u e a L F k u h
 f u d k l c l s " ; k k l a k / u ; q r g A m l e a b l d h v P N h l e > g A L F k u h , l a H Z o Q l F k l a f r c S k r s g q
 i B ; p ; L z i f j o r z o Q b l g h l a H k e a c g y r k r F k l l a N f r d f o f o / r k v f u o k Z g k t k r h g A

8- Hfedkva oQ ngjlo dlsnjfduk djuk

Hfedkva oQ l a H Z e a l i " V r k g l a h p f g , v l s l a w z l j p u k d h d k z o f / i j L i j i j d r k o Q f l 1 / 4 l a i j
 f v d h g h Z g l a h p f g , A ; g f " k e o k j ; a o Q n g j l o] l e ; d h c c l z h v l s l a k / u r F k f u ; a k k o Q f o H e d s n y
 d j x A ' F k u h * o Q f y , l e F Z d h l j p u k ; g l a h p f g , u f d o Q y e M W f j x r F k y { ; f u / L z k d k d k z o A
 l c l s v f / d ; g Q o l F k Q o l k l d j . k r F k i n k u o Q e o Q i z c l l i k u o Q v f / d j h o Q l ? k u H k m l j h

dh elx djrh gA

9- dle dh izfr dk ; tukdj.k rFlk l a k k

l a w Z O ; o L F k d k y { ; p f y r g l s d h t x g i f o Q k p f y r g l k p f g , A ; g l f e r v o f / ; l e a v o Q j r
 g l s o k y h y ? q i f j ; t u k v l a d h t x g , d y a h v o f / d h v r j i l f < e l ; t u k d j . k d h e l x d j r k g A b l o Q
 v y l o k d k z z k y h e a r s & r j h o Q , i s g l a f t l s l H h l e > l o Q r F k l o h d j d j l o Q l F k g h ; g f ' k l d |
 f ' k l f o n , o a i s l o j l a d h i " B H f e l s v k y k l a d h e l x o Q t o k e a O , o f L F r r j h o Q l s r d u k d h l g k r k , o a
 f o ' s k r k e g s k d j o k l o s A v i u h o k ' z l e v , k u @ j i V e a i z , d l r j e l y u l h v k j - l h | c h v k j - l h |
 M b V | , l - l h b z v k j - V h | , u - l h b z v k j - V h r F k l H h f ' k k f o H k h i j h (k c h M s d s l e n k | f ' k l d r F k L o Q y l a
 d h v l j l s v b z g h z e k l a o Q l a H z e a m u o Q } j k f d , x , u l f r x r l q k j h i g y d n f e ; l a d k f j d k W i s k f d ; k
 t k u k p f g , A

10- l rr e w , k u d h v l o ' ; d r k

f ' k k Q , o L F k o Q f o o e d j . k d h t l p d j u s o Q f y , g e a l e ; & l e ; i j v e ; ; u , o a j i V d k v k k u d j u k p f g , |
 ; g n s l u s o Q f y , f d D ; k Q , o L F k r r F k l x B u l e d i f j o r z g q g s v l s m u d k D ; k i H k o j g k g S

l aHZ

fl DI Fk vW bM; k , tQkuy loZ , u-l hbZvkj-Vh] u; h fnYyh] 1998

l oZk vW bM; k LoQ , tQku loZ , u-l hbZvkj-Vh] u; h fnYyh] 2002

vxok] , e-ih] etjeV , M oq hV vW VplZ vW ihejh LoQ (eè; ins'k)]

l oQ loZ vW fjl pZbu , tQku (1972&1978)] cMk% l k Vh iQV, tQkuy fjl pZ

, M MoyieV] 1969

v#.k egrh izVku vW Mv bZ, l-bZ Mv 2003&04] , u-v bZ-ih, - (uhk)]

u; h fnYyh] 2005

Hk] ohMh vS colu\$ ts] , LVMh vW fM fOid h fcVehu bDI iSDVM , M , Dpoy vknVdEl vW n ihejh Vpj , tQku] bM; u , tQkuy fjo; v32(2)] 155&164] 1997

Hk] ohMh] v bMVi Qku vW , l'k y oq hV it~iQV ihejh VplZ fji WZ vW n

MihbZ h , fDVfoVh vW n , u-l hbZvkj-Vh] u; h fnYyh] vMjVdu , V n jh'kuy

bMv;W vW , tQku] e\$ j] 1998

psx vW , tQku & , iWylhilZSDVo] f'k k eaky;] Hjr ljdkj] u; h fnYyh] 1985

oq hV h cEM , M dfeVeV vSj; VM Vpj , tQku iQV DokyVh LoQ , tQku & bu

l foZ , tQku] uskuy dml y iQV Vpj , tQku] u; h fnYyh] 1998

oq hV h cEM , M dfeVeV vSj; VM Vpj , tQku iQV DokyVh LoQ , tQku &

bulfl , 'ku M; o] uskuy dml y iQV Vpj , tQku] u; h fnYyh] 1998

oq hV h cEM Vpj Vux ikze] MihbZ h] rfeyukbu U wysj MihbZ h dVx]

vd lq; k 17] f'k k foHk] ekuo l k/u fodk eaky;] u; h fnYyh] 1996

fM iQV h'k vW cfl d LoQ VplZ , loZ vW fjl pZbu , tQku] uskuy bMv;W

vW cfl d , tQku] oQ (lh, -, l-bZ)] cMh] 1960

fMLVDV bMv;W ~ vW , tQku , M Vux (MbV) & xhMyba] f'k k foHk] ekuo

l k leku fodk eaky;] Hjr ljdkj] u; h fnYyh] 1989

Mv bZ y-] ekuo l k/u fodk eaky;] Hjr ljdkj] osl bVA

, tQku iQV vW (bZ iQ, -) % n bM; u l hu] Hjr ljdkj] f'k k foHk] ekuo l k leku

fodk eaky;] u; h fnYyh] 1993

, fye^h Vpj , t^oku d^ho^e % x^hMy^h , M fly^h u^hky d^h y v^h , t^oky fjl pZ, M V^h u; h fnYy^h 1991

fi^h v^h b^h k , t^oky lo^h [] u^hky d^h y v^h , t^oky fjl pZ, M V^h u; h fnYy^h 1992

i^h lo^h fjl pZbu , t^oku 1983&88 ([]) , u-l h^h V^h u; h fnYy^h x^h v^h v^h ox^h , u-oh^h nh Doky^h v^h c^h d , t^oku l fo^h t bu b^h k & , o^h k L^h v^h i^h be^h Lo^h bu eè; i^h fi^h lo^h v^h , t^oky fjl pZ (1988&1992) % V^h fji [] [] , u-l h^h V^h u; h fnYy^h 1991

>k v^h >xju^h , fye^h , t^oku i^h n iw^h , M v^h f^h x^h l l^h i^h i^h h fjl pZ u; h fnYy^h 2002

eku^h et^h f^h i^h fji^h , M i^h Lo^h , g; u il^h tu^h v^h , t^oky Iy^h , M , Mefu^h [] la 4] v^h 2003- i^h 481&506 fe^h v^h n u^h b^h i^h b^h ; j Iy^h ; k uk vk k^h H^h l^h u; h fnYy^h 2001 u^hky dfe^h v^h V^h l^h 1983&85] nh V^h , M l^h h^h fji^h v^h n u^hky dfe^h v^h V^h l^h H^h l^h u; h fnYy^h 1986

u^hky d^ho^e i^h , fye^h , M l^h , t^oku & , i^h (l^h/r i^h) , u-l h^h b^h V^h u; h fnYy^h 1988

u^hky i^h v^h , t^oku & 1986] (1992 eaf^h , x, l^h/u o^h l^h) f^h k^h fo^h eku^h l^h k^h u fod^h e^h;] H^h l^h u; h fnYy^h 1992

u^hky i^h v^h , t^oku (, u-i^h) f^h k^h fo^h eku^h l^h k^h u fod^h e^h;] H^h l^h u; h fnYy^h 1986

i^h fji^h i^h fji^h v^h c^h d , t^oku bu b^h h^h v^h i^h ; fuof^h i^h] fnYy^h 1999

i^h v^h , D^h (i^h v^h -)] H^h l^h f^h k^h fo^h eku^h l^h k^h u fod^h e^h;] u; h fnYy^h 1992

jlepau^h foeyk (l^h d)] t^h , M l^h k^h b^h Do^h bu i^h be^h , t^oku u^h g^h h^h v^h , D^h l^h l^h i^h c^h] u; h fnYy^h 2004

jlepzn] foeyk vſ bZvj-; wVle] Luſl , M yſM Z% iſVl Zbſyqufl x l Dl ſ iſy
iſbejh Loſy oſy'ku iſVpYm bu ikVZ oſVl l kſk , f'k u g;wu Mſyieſ
l ſVj fjiſZua 6] fo'o cſl] u; h fnYyh 2004

jaſ] chiſ] tſV l fVliſ'ku vſM iſbejh Loſy Vp l ſ fiſſk l oſvſM , tſſkuy fjl pZ
(1988&1992) % VſM fjiſſſ [ſM 1] , u-l hbZvj-Vh] u; h fnYyh 1989

fjiſZ vſM n , tſſk dfe'ku (1964&66)] , tſſk , M uſkuy Mſyieſ] u; h
fnYyh % f'k k eak;] Hſr l jdk] 1966

fjiſZ vſM n ofd x ſj vſM pſYM Mſyieſ iſVn Vſk iſbo b; j Iyku] ; k uk vk k]
Hſr l jdk] u; h fnYyh 2001

Vp j Mſyieſ iſVſy iſy , fſeſ] fjiſZ vſM j t uy VſDudy ofoſ x ſj de Vſux
ooſ k vſM bu & l foſ Vſux vſM , tſſkuy ijl ſy] 29 vDrw j & 16 uoſ j 1985]
, -ihbZvbZM] ; uſdk cſl] 1986

n dſyſe iſVn Vſ&b; j Loſy & , iſſoſ , u-l hbZvj-Vh] u; h fnYyh 1975

n izlph , tſſk fjiſZ izlph (bſM; k VſV] u; h fnYyh 2002

n iſV Vſe bu , l k l , 'ku fon l ſj iſV Mſyieſ bſk ſſſ] iſſy fjiſZ vſM cſl d
, tſſk bu bſM; k (iſV)] u; h fnYyh % vſM iſM; ſuofl ſh iſ] 1999

n oYMcſl fjiſZ iſbejh , tſſk bu bſM; k , yk M iſſy' k ſ] u; h fnYyh 1997

oxlſ] , u-oh vſ xſonſ vſj-] bſj Loſy oſj , 'ku bu LVſſ , fſeſ% , u , uſyfl l
vſM iſbejh Loſy bu iſbo l yſV M yſſ] il ſſVo bu , tſſk] 9(1) 15&34] 1993

oxlſ] , u-oh] Loſy biſVſ vſM , fſeſ% , LVſ vſM xoeſ , M iſboſ , M Loſl
bu oſy] dſynhi oſj (l ſſnr)] Loſy biſVouſ , M yfuſ , fſeſ , V iſbejh LVſ%
bſjuſkuy il ſſVo] , u-l hbZvj-Vh] u; h fnYyh 1995

oYMcſl] jſp x n pſYM % , u bſſſM , iſp VpſYM Mſyieſ] vſM iſM; ſuofl ſh
iſ] fnYyh 2004