

i B; p; kZcnylo ds fy,

Q oLEkr l qkj

jkVr, iQdl leg

dk

vk/kj i=k





## 2.2

i B; p; kZcnylo d fy,  
Q oLkkr l qkj  
jkVh; iQdl leg  
dk  
vk/kj i=k



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

*iEke lAdj.k*  
*tuojh 2009 iKk 1930*

**PD 3T NSY**

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i f' "m" 2008

# 20.00

*izl'ku foHkx eal fpo] jkVh: 'lSkld vuq a'ku vls*  
*iE'k'k ki f' "m" Jh vjfon ekZ u; h fnYyh 110 016*  
*}ljik izl'k' r rFk cakj vWQ V odi Z 335] [kt jv*  
*jbm djlyck] u; h fnYyh 110 005 }ljik efnzA*

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**loZ/dlj l'f'lr**

E izl'kld dh iWZvuf' oQ fcuk bl izl'ku oQ fdl h Hkx dks Nkuk rFk  
byDVWidh e' luh iQW h rfyfi] fcdWk vFlok fdl h vU fof/ l siq%  
izl'k i'fr }ljik ml dkl ag.k vFlok izl'k oft Z gA  
E bl i'rd dh fc0h bl 'kZoQ l Fk dh xbzGfcd izl'kld dh iWZvuf'  
oQ fcuk; g i'rd viusew vtoj.k vFlok ftYn oQ vylok fdl h vU izl'j  
l s0; k lj }ljik m/lh ij] iqfoZ; ; k fdjk ij u nh tk xli u cph tk xhA  
E bl izl'ku dkl gh eW; bl i"B ij e'fz gA jcm-dh egj vFlok fpi dkhZ  
xbzi plZ (LVdj) ; k fdl hvU fof/ }ljik v'cdr dksZHh l'ak/r eW; xyr  
gSrFk eki ugh gkckA

**, u l hbZvj Vh oQ izl'ku foHkx oQ dk k;**

, u-l hbZvj-Vh oQ l  
Jh vjfon ekZ  
u; h fnYyh 110 016 iQn % 011-26562708  
108, 100 iQW jkM  
gkM oQsgyh, Dl Vaku  
cuk k lj h m LVt  
cxy# 560 085 iQn % 080-26725740  
uotlou vEV Hou  
Mcl'j uotlou  
vgenckn 380 014 iQn % 079-27541446  
l hMY; v h oQ l  
fudV%/udy cl LVW i fugVh  
dly drk 700 114 iQn % 033-25530454  
l hMY; v h dWYdl  
eky k lo  
xolgWh 781021 iQn % 0361-2674869

**izl'ku l g; k**

vè; {l izl'ku foHkx % *iE'k'k vjkt loQlj*  
eQ; mR'knu v'fcdljh % *f'ko oQlj*  
eQ; l'and % *'ork mli y*  
eQ; O; k lj iz'ad % *xl'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 h; f'k'k O, oLFk ea cnylo oQ fy, geljh ;g "k jr gls trh gSfd ge de&l &de d{lk nl rd dh fo |ky; h'f'k'k oQ l loZ f'k'k dh fuja j vli Qyrk/aij xHjri oZl foplj dja rfd ;g Hjr h; 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 g la 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{lk 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 in ùk v f e d l j g S v S j f'k'k; dk ;g dr Ø, 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 ' l z Hh djuk p f g , A
- 3- xjlc cPps fo'k'k r S ij oscPps 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 g l a k p f g , f d m u o Q f y , ? j i j f ' k ' k i H r d j u s d h d b Z O, o L F k u g h g a d b Z H h c P p k f t l s L o Q y e a i < k k t k j g k g S m l s l e > e a u v k u s d h o t g 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 l z f ' k ' k O, o L F k 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 ' l d h r O, o L F k o Q m i ; D 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 l 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 / v 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, o L F k d h f < y b Z l o Z f 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 u 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 o Q v f / d j v S f ' k ' k d l ' D 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 h 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 s 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 s ' H f e y f d , t h u 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 e 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 s l k e u s y u k p l g , A

6- i R s l 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 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 ' H z s o k y s r j d l a d 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 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 s l l s k u l a o Q , f D r ; l a l s H k j l e F z d h " k j r g l d r h g A b l l a a e a e q ; e u s g s & 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 s l 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 s k j ; l a d 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 h 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 u s d h v l o ' ; d r k g A l F k g h f ' k l d l a d s H h v i u s n f ; R o l a d 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 l s L F k u h , l a k k 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 a oQ l aHZ 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 a k/u rFlk fu; ak koQ foHze dlsny djxkA 'LFkuk; fudk la oQ fy, [kyheWVfjx  
 rFlk y{; fu/lZ.k dk dk Zde 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 inkuQe oQ iE 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 glnsokyh y?lqifj; k ukvladh txg , d ych vof/ oQ vjilf<d  
 ; k uldj.k dh ek djrh gA bl oQ vylok dk Zzkyh dk rj&rjhdk , i k gk ft l sl Hh  
 le> l oQ rFlk lohdi dj l oQ l Fk gh ; g f'kld] f'kfon~, oaisloj la dh i "BHfe  
 lsvk yk la dh ek oQ tok ea O; oLFk rjboQ lsrduhdh l gk rk , oafol'kkrk  
 egSk djok loQ viusok'fZl eW; ldu@iV eaiE sl l rj dls elyu lhvj-lh] ch  
 vj-lh] MbV] , l-lhbZvj-Vh rFlk l Hh f'kld foHkxh ijh[k clMa dsl enk ] f'kld  
 rFlk fo|ky; la dh vS lsvbZghZek la oQ l aHZ ea muoQ }jk fd, x, ulfrxr l qjkh  
 igydnfe; la dk fjdMzi sk fd; k tkuk pfg, A ifrZpkyr f'kld dk Ze l sfdl h Hh  
 dler ij cpuk pfg, vS tc Hh Aj l sulps mik e okys dk Ze 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 Fkhdj.k fd; k tk u fd mlgavFlk h rj ij  
 O; idrxr ifrfo; k oQ : i ea ; k foik pkyr , tMk oQ : i eafy; k tk A

10- l eko f'kr iB;p; lZ% iB;p; lZ dsl l Nfrd fofor/vk la dk vlnj djuk pfg, rFlk, i h  
 ulfr; k cuk j t sfdl h dk Hh cfg"dlj u dja

11- i pkyr f'kld O; oLFk oQ foohdj.k oQ de&dk dh tlp djus oQ fy, geafu; fer  
 : i ls'ks/ ve; ; u djus, oajiVa cukuh pfg, vS l Fk gh ; g nsluk pfg, fd D; k  
 O; oLFkxr rFlk l xBulRed ifjorZ gq gA vS bu vuhol la dls clVus 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 U g (vè; {D**

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

**i k j k t u l f r ' k k**

*g f j k l n fo' ofo | ky;*

*v l a / z i n s k*

**M W a n ; d l a r n l o k u**

*fo | k H o u l k k V h*

**M W e l g u f l g e g r k e k Z**

*i Q g i j | m ; i j & 3 1 3 0 0 4*

*j k t L F k u*

**l q' h e S D l u c u Z V u**

*i x V f' k k k l L F k u*

**i k c M u a 5 5**

*f' k y k & l r k j | i Q V u & 4 1 3 5 2 3*

*e g j k V a*

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

*' k d l l k / u b d l b Z*

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

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

*f n Y y l & 1 1 0 0 9 2*

**i k f u e z y x l r k**

*M h b Z i h , i Q b Z*

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

*J h v j f o a e k Z*

*u ; h f n Y y l & 1 1 0 0 1 6*

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

*, u & l @ 5 | v l b Z v l j - l h x l p*

*U k i Y y l | H q u s o j & 7 5 1 0 1 5*

*m M l k*

**M W j f ' e f l U g k**

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

*i F f e d f' k k d k Ø e ( M a i h b Z i h )*

*j k t ; i f j ; k u k d k l y ;*

*fo | k H o u | f u ' k r x a*

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

*m l j i n s k*

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

*, d y 0 ; b z 7 @ 4 5 3*

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

*e è ; i n s k*

**i k c l c v e f ; w**

*o a n M b j D V j*

*, D' k u , M e 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 y l & 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 l m l | f } r h ; r y*

*6 | H x o k u n k j l M*

*u ; h f n Y y l & 1 1 0 0 0 1*



**Jlerh oVh eljxV**

}lk Jh Ma, u- phds  
vYefoyl 25] gph jM oQl VmQ  
cxy#&560005  
duVd

**MWohMh H^**

*i n p d* / f' k' k f o H k  
{lkr, f' k' k l i Fku} , u- l hbZvkj- Vh  
eSj#&570006  
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  
duVd

*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 ;  
gsjkcn  
vl'zinsk

**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

vl'zinsk

**MWu- mi az jah**

*i p k Z M b V* u s M e V  
gsjkcn  
vl'zinsk

**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'kyk & djhexj  
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**

MbV] oqVloj@MihvkbZh

Vdex<] èè; inšk

**MWbQ txuik jlo**

funškd/ Ma, l-bZvkj-Vh

u- 4] 100 iQV fja jM

dfkq; cuk lalj h III LVt

axy# & 560085

duzd

**I qhnik /ujk**

268] ipok ØW jM

FMe] | CyM

djexy# axy# & 560034

duzd

**Jh Vhvkj- j?qu**

vkbZ-, l-] laφr l fpo

duzd ljdj

axy#] duzd

**MWMh xli ky jlo**

ikiQ j (f'kk) (l okuoU)

1017] iPph oha

cuk lalj h & II LVt

axy# & 560070

duzd

**Jh vGny yrhi Q**

lgk d f'kld

xoeV, y-ih, l-

fpDdk vudulgYyh

rkyq emaj

eM; h rfeyuMj

**Jh pXqjah**

lgk d f'kld

xoeV, e-l h, l- cylokudh rkyq

f'kyk & xMk

/jokMoQik

duzd

---

**vuqhn lg; k**

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

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

Jh euk elgu] ihMa 64@lh] ireijh fnYyh&110088

MWjatuk vjMh iokpd/ iB; Pk lZl egj, u-l hbZvkj-Vh] u; h fnYyh&110016

# fo"ķ l p̄h

l k̄&l āk̄i --v

ŷB; p; Ĺcnylo oŷ fy, Ū oLFkx l q̄lj\* ij cus jk"Vr; Hkcl leg oŷ 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 oŷ ljd̄lj̄ Loŷ --2

2-1 futh fo|ky; --3

2-2 fo|ky; l̄ ea l̄ p̄/k̄j --3

2-3 Ū oLFk l̄ a'h l̄ j̄clj̄ --3

3- f'k̄k̄ Ū oLFk l̄ sxjlc fo|k̄FZ l̄ adk cfg"dj. k --4

3-1 Loŷ ea mi fLFkr dh leL; k̄ d̄k̄ le>us dk iz k̄ --4

3-2 cPps oŷ ?j̄ oŷ ok̄oj. k̄ d̄k̄ le>uk --4

3-3 igyh ik̄h oŷ f'k̄FZ l̄ adk fu#R̄ k̄gr vŷ viekur fd; k̄ t̄uk --5

3-4 'k̄lj̄jd vŷ ekul d̄ p̄ulr; l̄ ok̄ys cPps --5

4- LohE; vŷ oŷ k̄k̄ k̄ --5

4-1 detlj̄ l̄ s̄l̄rd <lpk̄ --5

4-2 fu; e vŷ iŷ; k̄v̄l̄ ea: f<e¼ark (xŷ&yphykiu) --5

4-3 ijh'k̄ ea iŷy gl̄k̄ --6

5- vuēkur Ū; --6

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

6-1 f'k̄k̄&iŷ l̄ ea gl̄s j̄gs {k̄ dk l̄ leuk --6

6-2 vi; Ĺr f'k̄ld̄ --7

7- xŷ&f'k̄ld̄h̄ d̄le --7

8- f'k̄k̄ dk j̄k̄t̄ ul̄rdj. k̄ --8

9- vulo'; d̄ fdle dk f'k̄ld̄&i f'k̄k̄ k̄ --8

10- Loŷ % Ū oLFk dk , d̄ fgll̄ k̄ --9

- 11- loŷ vŷ lenk --10
- 12- foŷŷr f'kŷk Q oŷk --10  
 12-1 DyLVj] ŷyd vŷ ftyk Lrj oŷ el ys --12  
 12-2 DyLVj lāk/u oŷ --12  
 12-3 ŷyŷ lāk/u oŷz --13
- 13- ftyk f'kŷk, oai f'kŷk klŷku (MbV) --14
- 14- jk; 'ŷkd vuŷalu vŷ i f'kŷk i f'ŷn~ (, l-l hbZvŷj-Vh) --15
- 15- jkVh; Lrj dh lŷk; vŷ ulfr; k --16
- 16- lekulj lŷpuk; , oaQ oŷk; --18  
 16-1 vYidkŷd i f; k uk; cule nŷZkŷd nŷVdsk --19
- 17- lāk/u vŷ foŷh; vojŷ' --19
- 18- f'kŷk lŷkŷdk Q ol k ŷdj. k (iŷŷoj iŷŷŷk dk fodk) --21
- 19- bl iŷll ley dk i f; ; % lŷk --22  
 l mŷZxŷk --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 vfeldj  
 egSk djkk gA ;g , d nsk oq }lk 20 djM-  
 cPpla lsf, x, ohs 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 oyrkva ij xHjrkioZl fopkj dja  
 rfd ;g Hjrhr lfoèku ea vrufzr lekt oq  
 n'k dsk lkdj dja

**1-1 l Hkusdklrj ulph Loq NMsdhj Aph**  
 vk'knh oq l Ükou lky ch Hh , d vuèku oq  
 vudj 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 vkknh 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 Hkou; bu cPpla oq ik dHh de gA voSfud  
 ?lsvdlevls vl ÆVr {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 NMh mezea

cky foolg dkf'kdj ghr gats muoq l avzfodkl  
 vls of¼ dsk Hh 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 mgeafdl h Hh rjg  
 dh Loq hf'k'k dsk glf y djusea Hk dj ijs kfu; k  
 vrh gA

vc ;g , d LFHfir l R, gSfd ljdjh Loq  
 eq; r% xjclh oq fy, gA bu Loq la ea i<us okys  
 "; lkrj 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 cdlj  
 vls v{le gA ; g ew rls ij , d jkVh; l jkldj 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 la dsk NM-nrsgA  
 (Hjr ljdj) 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 Hh dh deh gA l Fk gh  
 ih l ky rd fujrj Loq eatkus oq clotw oq  
 60 ifr'kr cPpsgh i< } fy [k vls cfu; knh x. kuk dj  
 i krs gA ekus O, oLFk jph gh , l h xbZ gS fd og  
 oq mu FHM- lscPpladk è; ku j [l stks d {k , d  
 ea i nsk yrs g vls d {k nl rd igprsgA o k ro  
 eh uxj&fuxe Loq ; k ljdjh xeh k Loq dh  
 d {k , d eank [kyk ynsokyk dlsZfo | FHZ 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. i Hfed Lrj ij Loq NMsdhj (d {k 1 ls 5) yMd; % 38-4% yMd; % 39-9% vls oq % 39% A mPp i Hfed Lrj ij  
 Loq NMsdhj (d {k 1 ls 8) yMd; % 52-9% yMd; % 56-9% vls oq % 54-6% A d {k 1 ls 10 rd Loq NMsdh  
 nj & yMd; % 64-2% yMd; % 68-6% vls oq % 66% (I k r % Mh vlsZy- ekuo l ak/u fodkl eaky; ) Hjr ljdj 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] ijr qf'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 xehh ny&njkt rFlk tutrh, {shaeaf'kldadh?h} dehoQ: 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 ekU rkij vk/kjr gSfd yxHx 1@ cPp tksfd iFfed LoQa eanf [lyk yxsosmPp iFfed Lrj rd igppulsigysgh LoQ NM-nxsvS vU 1@ gbZLoQ ls igys vS blh izkj vks dh d{kvh ea

### 2- dbZizkj oQljdkjhLoQ

Hjr ljdkj] jk; ljdkj] vS xehk {shadhLFkuh Lo'hd hlLFkva (ipkr) vS 'lgjh {shaoQ fuxe oQ fudk h} jk dbZizkj oQljdkjhLoQ pyk tkrsgA

- vS pld ljdkjhLoQ & jk; ljdkj h} jk pyk tksokys iFfed] mPp iFfed] eè; fed vS mPprj eè; fed LoQA
- ifjorZLoQ (ifjorZ oQ le; cuk x, LoQ) & LFkuh fudk h vS jk; ljdkj h} jk izaf fd, tks okys f'kld xhVh; kuk oQ LoQ (eè; izsk NUH x<)-] jk lo xh/hilB'lyk (jk LFkuh) oSfyid LoQ (dbZjK; h ea LFkuh eMy vS ule) f'kqf'kld az (if pe cxy) br, knA
- fct dKZ (vokl h vS xS&vokl h) & LoQ u igpp ikusokys vf/d mezoQ cPp loQ fy, vYidkyd LoQ rfd os viuh mezoQ vudkj xhd{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                |
| <b>uleklu eai fr'kr c&lt;krjh</b>         | <b>1986&amp;1993</b> | <b>1993&amp;2003</b> |
| 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                |
| <b>f'kldadh lq; k eai fr'kr c&lt;krjh</b> | <b>1986&amp;1993</b> | <b>1993&amp;2003</b> |
| 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 'kfk.kd loZkk 1998 vS l kroq vfy Hjrtr 'kfk.kd loZkk% 2004] , u-1 hbZ/lj-VhA

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

- **oſifYi d Loſy & Ng ?ſvs vſ pſj ?ſvs pyus**  
okys Loſy vſ ^py&Loſy\*A
- **vkJe'kyk& vſnok h cPpſaoſfy, vſnok h**  
dY;kkeaky; }jikfoſſr, leffſz lspyk tſus  
okys vſ pſj d vſok h fo|ky; A
- **vſok h Loſy & oſpr leg tſs vuſſr**  
tſr oſfy, vſok h Loſy tſs oſpr lenk  
oſ dY;k k oſfy, l a/r eaky; oſ foſſr  
leffſz lspyrs gſ
- **oſſr fo|ky; & oſz ljdſj oſ deſſj; ſ**  
(l'k-k l ſk v l fgr) oſ cPpſaoſfy, l ftudk  
lſk l rj. k l e p s n s k e a d g h H g s l d r k g ſ
- **uolſ; fo|ky; & Hſr ljdſj }jik iſh rjg**  
l sfoſſr, leffſz vſ i z a/r rſk mſN"Vrk oſ  
fy, pyk tſus okys vſok h Loſy A

## 2-1 futhfo|ky;

bu l coſ vſyok ljdſj }jik eſſr rſk r , ſ s H Loſy  
gſftudk i z a/u futh rſ ij fd; k t r k g ſ ftueal s  
oſ ljdſj }jik vuſku H h i r s g v ſ c k d h v ſ d s  
d b z vuſku ugha feyrk (xſ&vuſku iſr Loſy) A  
; |fi leph 0, oſſk eabu Loſy l d k i f r' r de gſ  
ij budh l ſ; k rſh l s c + j g h g ſ v ſ budk ; g  
foſrſj ljdſj Loſy l o ſ fy, "k j n l r p u ſ h g ſ , ſ s  
futh Loſy H h g ſ t ſ f o f' k v "k j r okys cPpſa d s  
è; ku eaj[ldj pyk t r s g ſ t ſ s c p s t ſ s n s k u g h  
l d r ſ l q u g h l d r s ; k / h e h x f r l s l h [ k u s okys  
cPpſa ; g n q l n f l f r g ſ d c m l ſ ; k e a x ſ e ſ r ſ k r  
Loſy l v ſ v ; w u o ſ h d k f o d k g s j g k g ſ t s o ſ y  
mu cPpſa d è; ku j [ k r s g ſ t s b l d h d l e r n s l d r s  
g v ſ ; g x j l c h d h f l f r ; h e a j g j g s c P p ſ a o ſ f o # 1 / 4  
pyh x b z , d v ſ p k y g ſ

## 2-2 fo|ky; læal fp/k ;

, d vſ t g k Loſy l a o ſ d b z i r d j g ſ o g h a n v j h v ſ  
l j d j h 0, o ſ ſ k o ſ bu Loſy l a e a e ſ k k c f u ; k h  
l f p / k v l a d h m i y c / r k e a H h 0, k i d v r j g ſ N ſ  
x l p h e a , ſ s H h Loſy g ſ f t u o ſ i k v i u k d b z H o u  
u g h a g ſ v ſ ; s Loſy f u t h l l e n k f ; d ; k f d j k o ſ  
d e j l a e a p y r s g ſ o g h a n v j h v ſ c m x l p h e a , ſ s  
Loſy g ſ f t u o ſ i k b v v ſ i f j l a l s f u f e z v i u k  
H o u g ſ v ſ m u o ſ i f j l j e a o k H h y x s g r s g ſ  
e g l u x j h { l e l a e a u x j f u x e o ſ Loſy l a o ſ i k c g ſ k  
H o u g y k d j r s g ſ f t u d h v j g h d j p u k r l s v P N h  
g l r h g ſ y f d u f u j r j m i ſ k d h o t g l s d l l o [ j i c  
g l y r e a g r s p y s t r s g ſ

p f d l j d j h Loſy l a o ſ l a H z e a , ſ h l e > g ſ d  
o s v P N h f' k k n s s o ſ fy, v u ſ ; d r v ſ d l l o  
d e " l s g ſ b l fy, m i d h t x g r ſ h o ſ l f k f u t h  
Loſy y r s t k j g s g ſ m e a l s v f / d l a k d k , d e k k  
f o o ſ f o k l i u g l r k g ſ & ^ v x ſ h e è ; e \* A

## 2-3 O oſſk l a h l j l s l j

o r z k u e a Loſy l e n k v ſ m l d h v k f z l f o f H u r k  
d s n' h z s g ſ l f k g h o s b l v y x l o d s e t c w H h  
d j j g s g r s g ſ b l i y h 0, o ſ ſ k e a t l s e d ; e l y k g ſ  
o g ; g g ſ d Loſy d s , ſ s j [ k v ſ l e > k t k f d  
; g l l e f t d c n y l o d s y k u s o k y h , d l f k c u s  
v ſ , d , ſ k l f k u g s t g k c P p ſ a o ſ v f / d j l a d h  
l j [ k g l r h g s r f k t g k l e r k v ſ ſ k d h o g h  
l a l y i u k l k l j g s t s k l f o / k u e a i f j d f y i r f d ; k  
x ; k g ſ H ſ r h l a H z e a Loſy d s , d , ſ h l l f k o ſ  
r ſ ij fy; k t r k g ſ t s c P p ſ a d s d l e v ſ e t n y h  
o ſ p d o ſ r y s f i l u s l ſ c y f o o l g l s v ſ y x d  
v l e u r k l ſ f o f H u i z l j o ſ l e f t d v ſ l h ſ f r d

3. *irph (Hſr) VEV % n irph, t o ſ k u f j i l z u ; h f n Y y h & 2 0 0 2 ] i k f j i l z z & i f c y d f j i l z v w w c ſ l d , t o ſ k u b u b ſ m ; k  
v l l H o ſ z ; f u o f l z h i x ] f n Y y h 1 9 9 9 v ſ 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 o ſ k u & g h z c l z  
v l l , D l ſ ] l t i f c y o ſ k u ] u ; h f n Y y h & 2 0 0 4*

HhHko lscpk vls tksubZihk oQ l k/ula vls  
 l hNfrd ipvh eamudh Hhkhjh l fuf'pr djsrFlk  
 mlgasrele ph"laegSkdj k tks, d fo |FlZgksuoQ  
 ukrs mlgafeyuh plfg. A LoQy l koZfud rls ij  
 miyC/ , d , d h txg gSftleafd , d rjg dh  
 l koZfud Nvuh glrh gA tcf d ; g , d , d h txg  
 glrh plfg, t gk cPpsvuk plgavls fofHh Lrjlaj  
 l a oQ djarFlk vRel Feku vls x#rk oQ l Flk l h[  
 ml lsHh"; lkegRi wZ; g gSfd LoQy lea, d , d k  
 cnylo yk ktk fd ogk cPpsvius dls feyusokyh  
 l fp/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 oFlk l sxjlc fo | k f Z l a d k  
 cfg"dj. k**

bl er oQ l Flk fd l j d j h LoQy eq; r% fofHh  
 izlj dh xjrch dh flFlr eajgus oks cPpla oQ fy,  
 gS bu cPpla dh ijskfu; k gh O, oFlkr l q k oQ  
 foe' l Z d k oQ z g h plfg. A gea; g Lohdjk gk k fd  
 LoQy O, oFlk xjrla dls Hk Hk d j u s o k y h g A t c r d  
 fd og x h j r k l s m u v o j s / l a i j e; k u u g l a n s h t l s b u  
 cPpla oQ j l r s e a v r s g S x j l c c P p s L o Q y h O, o F l k l s  
 c g j g r s j g x A b l l a n z e a f u f u y f [ k r f n ' k v l a e a  
 iz k fd, t k s d h v l o'; d r k g S

**3-1 LoQy eami flFlr dh l e L; k dls  
 l e > u s d k i z k l**

l e p h L o Q y h O, o F l k b l i f j d Y i u k i j j p h x b Z g S  
 fd i f j o k j a o Q i k l v i u s c P p l a d l s L o Q y H h u s o Q  
 l k / u r l s g S g h l F l k g h o s m u f u; e h l s f u i V i k u s e a  
 H h l { l e g S f t u l s ; g O, o F l k p y r h g A b l e a o g  
 { l e r k u g l a g S f d ; g x j l c i f j o k j a d h v l F l j r k v l s  
 v f u f ' p r r k o Q f y, H h t x g c u k l o Q d b Z i f j o k j a  
 d h f u j { j r k c P p l a d h L o Q y e a m i f l F l r d h v f u; f e r r k

dls c<rh gSvls vink h etnyh oQ eleys ea yas  
 le; dh vuqflFlr glrh gA dbZcj cPpsdh LoQy  
 ea vuqflFlr dh otg ml dh [lq dh chljh ; k  
 ml oQ ifjolj dh chljh Hh glrh gA ; g dbZcj  
 bl fy, Hh glrk gSfd cPps oQ v f H h o d O, o F l k  
 dh m F e m l a d l s i y k u g l a d j i k r s v l s o s f o f H h u i z k k  
 i = k ( t \$ s e s M d y ] t l e & i z k k t k r ] l F l k u j . k i = )  
 u g l a i r d j i k r s f t u l s f d ; g O, o F l k p y r h g S ; k  
 f i g d b Z v l u ' l s l d l l e x h t \$ s d w h L o Q y d k  
 c L r k b R, l n u g l a [ j i m i k r A t c r d L o Q y h O, o F l k  
 x j l c l a d h i j s k u h l e L; k v l a d l s u g l a l e > x h o g  
 d H h H h x j l c l a d l s L o Q y o Q f y, i H h k g r v l s  
 i j l e ' l Z u g l a n s i k x h x j l c v l s l l e k t d r l s i j  
 g l ' k s i j t h j g l e n k l a o Q v f H h o d l a o Q f y, ; g  
 O, o F l k i j b Z v i f j p r v l s H k d j h y x r h g A ; s l c  
 f e y d j c P p s o Q c f g " d j . k d l s c < l o k n r s g A

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

LoQy h O, oFlk mu cPpla oQ i fr l a s u ' h y u g l a g l r h  
 t l s v y x f d l e o Q l h N f r d i f j o s k l s v k r s g A  
 LoQy h O, oFlk bl eal { l e u g l a f n [ r h f d o g l e n k l a  
 d h l h N f r d f o f ' k v r k l a d l s ^ l e > \* l o Q a u r l t r u  
 ; g O, o F l k c P p l a d h L o Q y e a v u q f l F l r d l s L o h d j  
 u g l a d j i k r h a c t k b l o Q f d , d f ' f e a k j o; L d  
 d h r j g i f j o k j v l s v f H h o d l a l s L o Q y o Q r j s & r j d l a  
 d l s e k u s o Q e g l b v l s " k j r i j c k d h t k ] g l r k  
 ; g g S f d f ' k k d l a d k c P p l a o Q i f r t l s # > k u v l s  
 O, o g j g l r k g S o g m l g a f o i j r r j h o Q l s i H h o r  
 d j r k g A b l O, o g j v l s # > k u d k l c l s n d l n k h  
 i g y w c P p l a o Q v R e l F e k u v l s v R e f o ' o k i j i M u s  
 o k y k b l d k i H h o g S t l s c P p l a d l s M j i k l v l s ' l a k y q  
 c u k r k g A o \$ h f l F l 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, o F l k L o; a d l s i g r d j u s e a r F l k c P p l a r d l h N f r d  
 v l s l l e k t d r l s i j , d l a s u ' h y o k r o j . k o Q





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

**4-3 ijh[keaiQy glak**

xjlc cPpla oQ ik dlbZlg; kxh O, oLFk ughagrh  
 (tS s V; wu@dlpx] ?lj 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 lsih[hd vS  
 ek; fed LoQy lrj ij] bl dk ifj. ke ;g gkrk gS  
 fd tlcPpsclMzikh[k nrs gsmuea 50 ifr'kr iQy  
 gk tkrsgA ;g ifj. ke vius ifr , d rjg oQ  
 fudFei u oQ cl' lsrks Hjrkg h gSl Fk gh LoQyh  
 O, oLFk l s clgj fudyus dk dlj. k Hh curk gA

**5- vuqkur O ;**

xjlc cPpla oQ fy, ifr cPpk ol'Zl vuqkur [lpZ  
 #i; s1200 l s1500 #i; soQ clp eagA ;g O, oLFk ;g  
 viS[k djrh gSfd os cPpsft lga LoQy tuse adfBulZ  
 ghrh gsvS ftuoQ vffHhod Lo; aHh LoQy ughax, gA  
 brus ol'Zl [lpZea i<&fy[k loQ; ; fin bl dh rryuk  
 eè; e oxZvS mPp oxZl svkusokyscPplaij gksokys  
 [lpZl sdhtk rks; g ml jf'koQnl oAHk l sHh de  
 gkkl l Hh cPps LoQy eaughgsvS u gh lh[k jgs gA  
 bl fpnk dks è; ku ea j[krs gq xjlc cPpla oQ fy,  
 vuqkur [lpZ dks mi; Dr <x l s c<k k tluk plfg, A

**t ls vHh Hh djuk gS-**

;g l fuf'pr fd; k tluk plfg, fd mijDr rele  
 vojks' gVk tk; rfd LoQy dks LoQy] f'k[ld dks  
 f'k[ld cuk k tk loQ vS cPpla dks cpiu fey  
 loQ vxj ge iB;p; LZ dh : ijs[k ea O, oLFkkr  
 cnylo dks iHh for djuk plgrsgArks geankla el ya  
 dk gy fudkyuk gkkl igyk fd cPps d{kn l rd  
 LoQy leaBgj loQ vS nviH LoQyh O, oLFk dks bl  
 cl' oQ fy, rS kj djuk gkkl fd og mu rele cPpla  
 dks viuk loQ vS lg; k dj loQ tkfd LoQy oQ  
 clgj gArfd os LoQy lea vkl oQ

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

f'k[ld vius isloj gks dk n"lZ pulfr; la dh ml  
 nq grk l s ikrsgft l dk l leuk os f'k[ld dh fof'KV  
 iofk; la l stwrs le; djrs gft l s fd miga iR, cl  
 cPps dks nok gkrk gS rfd muoQ f'k[ld oQ vf/dlj  
 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 izlj eW; ldu dja; k mudk le>A  
 ;g f'k[ld gh gkrk gSt k cPpla oQ } jk egl w fd,  
 t kus okys l kft d] l hNfrd vS Hk'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 l fHZoQ : i eacnyk  
 ghtluk plfg, A f'k[ld dks ;g O, kol k; d pulsh oQ  
 : i eat+j lohdjuk gkkl

f'k[ld 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[ld u ghaftudh fu" Bkl aglal sijs gks % ft ueage  
 ijh rjg l s fo'okl dj loQ

**6-1 f'k[ld k i s leagls jgs {k dk l leuk**

f'k[ld og /jH gS ft loQ bnZfxnZ f'k[ld O, oLFk ?k  
 jgh gA orZku l aHZe arsh l s c<+jgh LoQyh O, oLFk  
 vS foHh, ?HVs ([k rS l s jk; lea) okyh fLFkr eA  
 l epr l a; k eaf'k[ld dh vuqyC/rk, d u, rjg

oQf'k'kldaoQv'xeu dh v'ij c<rh gA LoQyh f'k'kld  
dh l'left d f'k'kld earš'k l'sfxjloV vkjgh gSrFlk  
f'k'kld d's l'jdlj LoQy oQ rele oQ'z'k u v'ij  
ch'fj; la oQ fy, f'k'kld Bgjk k tk jgk gA t'cfd  
bl d's ig'p'kuk Hh tk jgk gSfd f'k'kld dk m'ljnk; R  
d'k'k' eg'biwZelyk gSrc , d i's'koQ: i eaf'k'kld  
oQ i's'kr p'fj-k ea t'k a'k g's jgk gS og fu'fu l's  
v'rfjd r'ij ij t'k'k' g'6

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

fo | f'k'kld v'ij f'k'kld dk vu'kr dbZ { l's'ka ea v'if'kr  
ekud l's d'k'k' up's gS v'ij v'f/d'k'k' 'l'g'h { l's'ka oQ  
LoQy la eaf'k'kld dh cgyrk gA g'fy; k v'kdyu l's  
irk pyr'k gSfd l'j's i' f'k'kld LoQy la dk 15 i'fr'kr  
(95|588) , d de'j's eap'yo'kys LoQy gA t'cfd  
x'eh k { l's'ka oQ f'g'l' sea, d d'k'k' o'kys LoQy la dk 95  
i'fr'kr gA 17-51 i'fr'kr LoQy la (1|11|635) oQ i'k  
o'py , d f'k'kld gA , d f'k'kld o'kys 96 i'fr'kr

LoQy x'eh k { l's'ka ea f'k'kld gA (M'v'bz l-bZ uli k  
2005) A bl d'keryc ; g g'k'k' gSfd f'k'kld oQ i'k  
c'p'p'la d's LoQy eaj [ l'us v'ij m'gaf' [ l'us oQ fy, ] t'k  
v'lo' ; d g's m' l' oQ fy, u r'k'le; g'k'k' gS v'ij u gh  
m' t'k'k' bl oQ v'yl'ok j'k'; f'k'k' oQ fy, cuk ekud la  
e'ad'k'k' < l'y n'r's g'at' s' s'if'r l'eg' f'k'kld l'q; k v'ij  
mudh 'l's'k' k'ld ; k' r'k' ea H' h' ; g muoQ i's'kr p'fj-k  
ea v'ij B'k i's'k d'jrk gA

7- x's' f'k'kldh dle

LoQy h' f'k'kld oQ i'k i' l'us oQ v'yl'ok dbZ v'ij r'jg  
oQ dle g'k'k' g'at' s' x'eh k f'od'k' ; k' k' v'k' l' oQ fy,  
v'p' d' m' d's , d' k' d' j' u' k' j' k' v' h' t' u' x. k' u' h' p' u' l' o  
d'le v'ij v'ij i' p' j' d' k' z' t' l' s' m' g' a' f' k' y' k' o' v' f' e' d' l' j' k' . k  
d'j' u' s' d' s' d' g' r' s' g' a' b' u' l' s' o' s' d' { k' l' s' n' j' v' g' r' s' t' r' s' g' a  
, d' r' j' g' l' s' ; g' l' c' LoQy h' f'k'kld oQ x' s' i' h' h' o' h'  
f'k'k' k' d' s' o' s' r' k' n' s' 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' s' N' i' k' k' u' k' c' u' k' n' r' s' g' a

6. 1950 oQ'ch l'sv'k'us'oly' h' y'x' h' x' r' e' l' e' g' l' b' i' w' z' j' i' v' l' e' a' b' l' c' h' r' d' h' e' g' l' k' i' j' " l' j' f' i' n' ; k' x' ; k' g' s' f' d' i' ; H' r' l' q' ; k' e' a' f' k' k' l' d' h' f' u' ; f' d' r' g' l' a' h' p' l' g' , j' f' k' k' l' d' c' u' s' o' Q' f' y' , ' l' h' v' r' h' u' w' r' e' ; k' r' k' l' q' u' p' r' d' h' t' k' u' h' p' l' g' , j' f' k' k' l' d' d' s' v' a' r' d' o' k' f' k' k' l' d' i' f' k' k' k' o' o' e' l' e' ; e' l' s' v' d' h' e' d' l' g' ; k' f' i' n' ; k' t' k' u' k' p' l' g' , r' f' k' f' k' k' l' d' h' u' s' r' d' r' k' v' l' s' i' j' . k' i' j' e' g' l' b' i' w' z' : i' l' s' e' ; k' u' f' i' n' ; k' t' k' u' k' p' l' g' , A ; g' u' l' r' x' r' n' l' r' o' s' l' l' a' o' Q' f' y' , , d' y' x' r' j' i' p' y' u' s' o' l' y' k' f' o' k' j' g' k' g' s' t' s' j' k' v' h' t' f' k' k' v' k' k' 1964 j' k' v' h' t' f' k' k' u' l' f' r' 1968 j' 1986 v' l' s' 1992 A 1986 d' h' j' k' v' h' t' f' k' k' u' l' f' r' e' a' , d' i' j' k' [ l' m' g' s' v' e' ; k' i' d' % \* \* f' d' l' h' l' e' k' e' a' v' e' ; k' i' d' l' a' o' Q' n' t' z' l' s' m' l' d' h' l' k' N' i' r' d' & l' l' e' l' f' t' d' n' i' V' d' k' i' r' y' x' r' k' g' a' d' g' k' x' ; k' g' s' f' d' d' l' b' z' h' t' u' r' k' v' i' u' s' v' e' ; k' i' d' l' a' o' Q' l' r' j' l' s' m' o' j' u' g' h' a' m' b' l' d' r' i' a' l' j' d' l' j' v' l' s' l' e' k' t' e' a' , d' h' i' f' j' l' f' l' e' f' r' ; k' c' u' u' h' p' l' g' , f' t' u' l' s' v' e' ; k' i' d' l' a' d' s' f' u' e' l' z' k' v' l' s' l' t' u' d' h' v' l' j' c' < u' s' d' h' i' j' . k' f' e' y' a' v' e' ; k' i' d' l' a' d' s' b' l' c' h' r' d' h' v' k' l' h' h' g' h' p' l' g' , f' d' o' s' u' , i' z' l' e' d' j' l' o' o' v' l' s' l' a' s' k' k' d' h' m' i' ; f' d' r' f' o' f' / ; k' v' l' s' v' i' u' s' l' e' q' k' d' h' l' e' l' ; k' v' l' s' v' l' s' { l' e' r' k' v' l' a' o' Q' v' u' q' i' u' , m' i' k' f' u' d' l' y' l' o' o' v' e' ; k' i' d' l' a' d' s' H' r' i' z' d' j' u' s' d' h' i' z' l' y' h' e' a' b' l' i' z' l' j' i' f' j' o' r' z' f' d' ; k' t' k' x' k' f' d' m' u' d' k' p' ; u' m' u' d' h' ; k' r' k' o' Q' v' k' l' j' i' j' o' ; f' d' r' f' u' j' i' s' k' : i' l' s' v' l' s' m' u' o' Q' d' k' z' d' h' v' i' s' k' v' l' a' o' Q' v' u' q' i' g' s' l' o' Q' f' k' k' l' d' a' d' k' o' r' u' v' l' s' l' o' k' d' h' ' k' r' s' m' u' o' Q' l' l' e' l' f' t' d' v' l' s' o' ; k' o' l' k' ; d' n' i' k' ; R' o' o' Q' v' u' q' i' g' l' a' v' l' s' , d' h' g' l' a' f' t' u' l' s' i' f' r' H' k' l' y' h' o' ; f' d' r' f' k' k' k' o' ; o' l' k' d' h' v' l' j' v' l' N' i' V' g' l' a' ; g' i' z' R' u' f' d' ; k' t' k' x' k' f' d' i' j' s' n' s' k' e' a' o' r' u' e' p' l' o' l' e' k' r' e' a' v' l' s' f' k' k' k' r' a' n' j' v' d' j' u' s' d' h' o' ; o' l' f' k' e' a' l' e' u' r' k' d' k' o' l' u' h' m' i' s' ; i' H' r' f' d' ; k' t' k' l' o' Q' v' e' ; k' i' d' l' a' d' h' r' s' i' r' h' v' l' s' r' c' h' n' y' s' e' a' o' ; f' d' r' & f' u' j' i' s' k' r' k' y' l' u' s' o' Q' f' y' , f' u' n' z' k' l' f' l' 1/4 l' r' c' u' k' t' k' x' a' m' u' o' Q' e' w' ; k' e' d' u' d' h' , d' i' 1/4 f' r' r' ; d' h' t' k' x' h' t' k' l' i' " V' g' l' a' l' ] v' l' d' m' a' , o' a' r' f' ; l' a' i' j' v' k' l' f' r' g' l' a' h' v' l' s' f' t' l' e' a' l' c' d' k' ; l' a' n' k' u' g' l' a' m' q' j' o' Q' x' m' e' a' r' j' d' d' h' o' Q' f' y' , f' k' k' l' d' d' s' m' p' r' v' o' l' j' f' i' n' , t' k' x' a' t' o' l' c' n' g' h' o' Q' e' k' u' d' r' ; f' d' , t' k' x' a' v' P' N' s' d' k' ; z' d' k' i' k' l' i' g' r' f' d' ; k' t' k' x' k' v' l' s' f' u' f' o' Q' r' k' d' l' s' f' u' # l' i' g' r' a' l' s' k' l' d' d' k' ; z' d' l' a' o' Q' c' u' k' u' s' v' l' s' m' l' g' a' f' o' Q' k' l' u' b' r' d' j' u' s' e' a' v' e' ; k' i' d' l' a' d' h' e' g' l' b' i' w' z' h' e' d' k' c' u' h' j' g' x' i' a' , ( j' k' v' h' t' f' k' k' u' l' f' r' 1986 ( 1992 o' Q' l' a' l' s' / u' l' a' l' f' g' r' ) ] e' k' u' l' a' k' u' f' o' d' k' l' e' a' l' y' ; ] H' k' j' r' l' j' d' l' j' H' k' x' & 9 ] i' - 43 & 44 ) A

7. f'k'k'ld dh l'q; k' e' a' y' x' r' j' i' c' < l' r' j' h' g' h' z' g' a' i' f' k' k' l' d' l' r' j' i' j' 1990 e' a' b' u' d' h' l' q' ; k' 16 | 16 | 000 F' h' t' k' s' 2001 e' a' 18 | 96 | 000 g' h' s' x' b' z' r' f' k' k' m' p' p' i' f' k' k' l' d' l' r' j' i' j' 1990 e' a' 10 | 73 | 000 F' h' t' k' s' 2001 e' a' 13 | 26 | 000 g' s' x' b' z' b' u' e' a' l' s' 2 | 59 | 099 i' s' k' f' k' k' l' d' ( B' o' o' Q' f' k' k' l' d' ) f' t' u' e' a' 67 - 94 i' s' k' f' k' k' l' d' n' s' k' H' j' o' Q' i' f' k' k' l' d' f' o' | k' y' ; l' a' e' g' s' ( I' l' r' % # . k' e' g' r' k' M' v' b' z' l' - b' z' M' v' k' 2003 & 2004 u' l' i' 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 iE'k{kr gla
- bl le; S2 oQ f'kld oQ fy, nSk ea ddbZHh l oki vZf' kld & iE'kk k dk dk ZQe ugh gSt. \$ kfd , d le; {sht; f'kk l dFlulaea^, e, l l h , t q Q ku\* dk dk ZQe gk k FkA , d s dk ZQe la d s cMk i s kus ij yk k tuk plfg. ] vxj mi; Dr iE'k{kr f'kld bl Lrj ij iB;p; kZ dk i za'u dj loQ
- l oki vZLrj oQ f'kld & iE'kk k dk ZQe la ea^ ekz' l h , oaijle ' l Z dk , d ip l Z gk k plfg. ft l l sfd m l a vius vuq k l u ea vi s {kr v f H e q k d j . k g k s l o Q v l s i E' k k k f e y l o Q

**ekuo 'kDr dk fu; k u**

- eè; fed Lrj ij iE'k{kr ekuo 'kDr dh ek v l s mi y C / r k ea , d c M k v a j L i " V r i 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
- iE'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 l 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 & iE'kk k l dFlu ea 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 M 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 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 M 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 & iE'kk k**

v P N h f'kk o Q f y , f'kld & iE'kk 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 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 l j 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 y 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 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 n l 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 q 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 q l s g l ' k d h v ŋ < o ŋ x l a*

*x e i p k r b l o ŋ f y, r s l j g k 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 l a d k 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 d h  
 " k j r g a*

*f ' k k d h x q l o ŋ k d k l q l j u s o ŋ f y, e l i g l b 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 Zŋe oŋ nŋu iŋh 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 ' k k d f t u 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 d h 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 d h v l o ' ; d r k g a  
 m l g a f o ' k 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 gA i f'kkk dk Zŋe] l g; kh  
 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 ' k k d h  
 " k j r d k s 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 k s , d e g b i w z H k e d 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 h 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 l 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 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 d h " 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 s r k f d c P p s  
 l g t e g l w d j a ; g i B ; p ; L z 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 r 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 j  
 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 u e a  
 y p h y i u d k i k l k g r d j a f ' k k d l a o ŋ l e g d k s  
 i j h k d k d k Z o e j p u s d h 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 u d j u s d h 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 lleftd cgyrk gl ml eglv  
ea mQj lsubsdh vS pyusokysljfkr dk ZQ  
oQ tfj, ge f'k'k dh xqlok dh ckr ugha  
lhp ldra

bl fy, | l cl sigysvfuok ZvS xS&l e>lskj d  
dne ; g glsk plfg, fd Hfedk vadksydj Li "Vrk  
cua d{k ea f'k'k dh iNfr oQ l aHZ ea fu. lZ  
Loqyh 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 enn 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 lsQ, ogj glsk plfg, A, l srjhoQ  
LFk i r fd, t kus plfg, rfd l fo/ku l sf d, 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/dkja dh i frZoQ fy, ubZ  
fn' k v adh [k dj loQ jk ulfrd vS ulsj' hgh  
l jpuv h Q, oLFk v la rFlk Q, fDr; la ea nyf"Vrk  
y{; la vS ulfr dh fuj jrk dh vlo'; drk gS  
cnylo dh izQ; k j vS l q'ja dh ; k uk j yah  
le; kof/ oQ fy, cubZ tuh plfg, A mGa c j & c j  
u i hr gls okys vS vl h for y? q vof/ oQ  
ifj. kela dh viSkv la rd gh l lfer ugha glsh  
plfg, A blea orZku Q, oLFk dh myVh izQ; k  
' h fey glsh

### 11- LoQ vS l enq

orZku ulsj' hgh Q, oLFk tS kfd og dle djrh  
gS ml dh dS' k k ; g glsh gS fd ml s dMh oQ  
vf [l jh "cnq LoQ vS f'k'k dha l a k tr djus  
dh dS' k k djuh plfg, A ; g LoQ oQ vks ogr  
l enq rd ugha i gpr h l enq dh l epr Hxlmj h

l fu' pr djus oQ oQ ea vS l enq rFlk LoQ  
oQ chp dh nyh i Wus oQ fy, LoQ f'k'k l fevr  
CyW f'k'k l fevr LoQ izaku l fevr vS f'k'k d  
vf Hhod l ak (i j v Vp j , l kl , 'ku&i hVh, -) vS  
xp] CyW vS f'kyk Lrj ij cubZxbZLoQ dyLVj  
l fevr; k gA Q, ogj eabl ubZ l jpuRed Q, oLFk dk  
bl rky l j d j }jk ; k uk d k dk Zbr djus vS  
ykwdjus oQ fy, gh fd; k t k r k gA ; s l fevr; k LoQ  
Hou oQ fuelZk vS i s k f' k'k dha dh fu; fDr; la ea  
' h fey glsh gA ; | fi ; s f' k'k dha vS cPpla dh mi l Ffr  
vS fu; ferrk bR, kn oQ fu. lZ la ea ' h fey ugha glsh  
gh mu l eL; k v la ea ftudk l leuk cPps LoQ la ea djrs  
gA mu l eL; k v la l s Hh mudk dbZ l j d j ugha glsk  
ftudk l leuk f'k'k dha djrs jgrs gA fnu&i rfnu mBus  
okyh l eL; k v adksydj osv/ dkj; lal s dbZ ckr pr  
ughad jrs vS u gh fdl h , l s fudk dk p; u djrs  
gA t k mudk e; ku cPpla vS f'k'k dha }jk egl w dh  
t kus oky h i s h fu; l a t s i B; i l r dha dh de h Hh d  
l qo/ k v la vS l k oZ fud ifjogu bR, kn dh  
vS fnyk A

; g "k jh gS fd , d h l LFk v la dh oLFod  
Hxlmj h viuk gls oQ cS' oQ l Fk ij t j fin; k  
tk A bl l aHZ ea foQ h d j . k dk eryc ; g gSfd  
LoQ d k l enq oQ u" h d yk k tk A

### 12- foQ d N r f' k'k Q oLFk

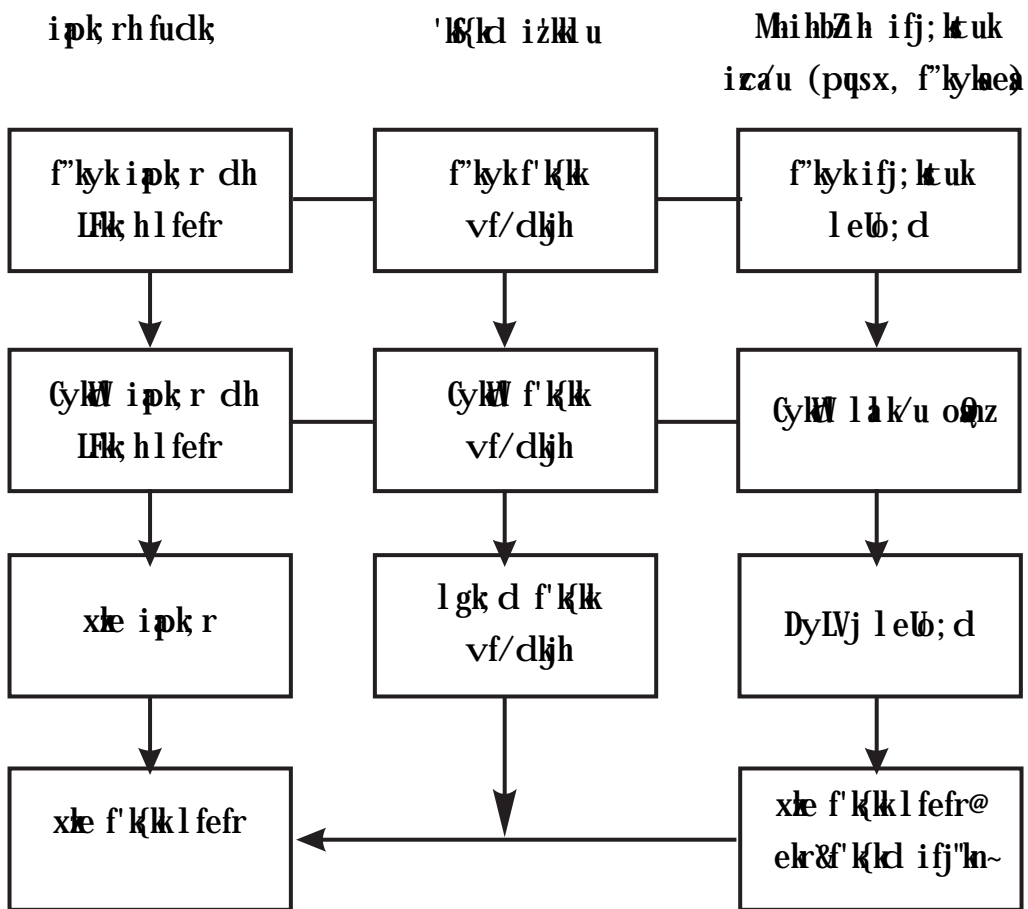
l fo/ku oQ 73oal aks/ u us i Fk fed vS eL; fed  
LoQ h f'k'k dh f' h e n j h LFkuh, fudk l adsg Lr h fjr  
dh gS ml oQ ckn fo f h u j k t; la oQ chp LoQ h f'k'k  
dksydj LFkuh fudk la oQ fodk eafdl h rjg dh  
dbZ l e: irk ugha fn [hA ; | fi dbZ j k t; la ea izk k  
dk , d cMk leg i z , d Lrj ij i p k r h j k t  
l LFk v la d s fn; k x; k & t cfd Q, ogj eabu i p k r h  
j k t l LFk v la u s [ h r l s r k y d vS x e i p k r  
u s F h h l s g h f' k'k l a h dk Zfd, gA o n h f' k'k  
l y g d j l fevr (oQ) us 1993 ea foQ d N r izaku

ij , d l febr xBr dh Flk ft ls 73oa l áks/u oQ  
l aHZeaf'k'k oQ foob'lj.k oQ fy, fn'k&funZk  
r\$lj djuk FlA<sup>8</sup>

ml ea fofHú Lrjla ij dbZLFk h l febr; la dls  
cucus dk l q'lo 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 dksNM'ej dghfoH, & i b'eku  
oQ l aHZeaf'k'k Flk'lj.k ughafn [rk gA foob'lj.k  
dh bl i'ok eal eL; k; Hh i M 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 rh jk dh; sl LFk; ^fu. Z drL\* oQ ct k ykw  
djokus okyh, tál; k cu xbrFlk tks deplj h 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 ekul j l febr; la oQ tfj, dle djokus dh i'ok us  
y'ok d <x l pqsx, bu fudk, la oQ dn dls d'ok  
N'k fd; k gA urht ru f'k'k dh rht, Q oLFk v\$

**pWZ1 % Lo\$y h f'k'k % mi f'kyk v\$ f'kyk Lrj ij l LFk h l j'pukv'adk i \$ylo**



8. ekuoh et'oj] ^fM \$y'ibZ'sku] fji QEL Z, MifCyd Lo\$y], áou il Z'EDVo\*\*] tuž v'WQ, t'ok'kuy l'k'ua, M  
, M'efuLV'ku] H'x&17] ua 4] v'Dr'oj 2003] i: 481&506

okrfod foohdj. k

cekuh foohdj. k

|  |  |
|--|--|
| · i\$ k [kpZdjus dh 'kDr                                   | · ; k uk l s t r jho Q l s [kpZ djus dh clè; rk & i\$ k [kpZdjus ij d bZrk d d v f / d j 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 "Vr k 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 j d b Z l i "Vr k u g h a g A

12-1 DyLVj] Gykd 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 d 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; 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 k 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 k Z l k j - l h v k j - l h)

l h v k 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 / 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 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 v 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 Q 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 Q 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 s g s 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 k 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 { k 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 f 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 q 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 p k r</i>  | <i>rkyql i p k r</i>  | <i>f"kyk i p k r</i>  |
|---|---|---|---|
| f'kll ftlea<br>iFfed vſ<br>eè; fed Loqy<br>Hh gla | l loZfud tk: drk vſ<br>iFfed rFlk eè; fed<br>f'kll eaHxmkjh dls<br>c<luA iFfed Loqy la ea<br>ijk ulelu vſ mi fLFkr<br>dls l fuf' pr djukA | iFfed vſ eè; fed<br>f'kll l a/h fueZk dls<br>iHh kgr djuk iFfed<br>Loqy oſ Hou dk fueZk<br>ejFer vſ j[k&j[hoA<br>; qkva oſ Dyc vſ efgyk<br>eMy oſ tfj, l left d<br>f'kll dls c<lok nsuk plfg, A | f"kyk la ea 'lſld<br>xrfofek la dls c<lok<br>ftlea iFfed vſ<br>eè; fed Loqy la dh<br>LFki uk vſ j[k&j[ho Hh<br>'Hfey gA vkJe Loqy la<br>vſ vulFky; la dh<br>LFki uk vſ j[k&j[hoA<br>'lſld&xrfof/; la dk l oZ<br>vſ eW; lduA |
| rduhdh<br>i'kll vſ<br>O; kol kf; d<br>f'kll       |   | xteh k nLrdjh vſ<br>O; kol kf; d f'kll dls<br>c<luA   | xteh k nLrdjh vſ<br>O; kol kf; d i'kll oſ<br>dh LFki uk vſ<br>j[k&j[hoA xteh k<br>O; kol kf; d i'kll oſ<br>dls iHh kgr djuk vſ<br>enn nsuA  |
| iſ+vſ<br>vulſ pljd<br>f'kll                       | iſ+l kllrk dls c<luA  | iſ+l kllrk dls ykw<br>djukA   | iſ+l kllrk vſ<br>vulſ pljd f'kll oſ<br>dk Zſ dh ; k uk<br>cukuk vſ ml dls ykw<br>djukA  |

12-3 Cyw l k/u oſ

(Cyw fjll Zlj-ch vj-lh)

, d Cyw ea vlerſ ls100 ls300 rd iFfed  
Loqy gſ gſ vſ yxHx 50&100 fefMy Loqy A  
Cyld l l lku oſ dh ifjdyiuk iFfed Loqy  
Lrj ij f'kll dh {lerk oſ foLrj oſ fy, dh xbZ

FhA yſdu ; g Hh oſy vldMa dls bdêh djuſ  
oky rFlk izll fud bdbZcudj jg xbZctk , d  
vldnfed bdbZgſ oſ , d leg oſ: i eamuoſ  
vuſlo dls lfoſ rſ ij vki ea cſk tuk  
plfg, A Loqy f'kll oſ teh vuſlo dls l leus  
j[kdj lh vj-lh vſ chv j-lh oſ 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; ktusokyk; g ekz' l f'kld } jkfn, t kus okyh 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 Cykl 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 vuHhoka 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 vuHh 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&baVHV; W vWQ , Mb kM LVMi'k) dks elè; fed vls mPp elè; fed Lrj oQ 'kld "k jr la oQ fy, cuk k x; la MbV dh ekz' f'kld (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\*\* LFkuh, rk ij "Hj jgk gS rFk iB; oQ ea , s h bdlb; k ykus dh cr ghZt s s & LFkuh, 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 iskl m|e] ykddyk gLr'Wi] leqk lavls tutkr; k LFkuh, 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 "; nk gS MbV dks d{lk , d vls nls 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 jcd (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 funkulRed 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 s 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. l z dk k r Fk l h, e-MhbZ l s t o k va% d ok dk Zela oQ fy, dk Zkykva dk vk l u dja

; |fi O; ogkj ea ; s l l Fku u rks vdknfed l g; lx miyC/ djkl oQ u gh LFkuh, l lefxz la dks gh cuk la l ak/ula oQ vHh 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 t l o (#> k u) g l r k g s b u l l f k u l a o o  
 i s l 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 . l 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 l s ; o o  
 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 , l k n s l 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 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  
 ; 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 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 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 l s ; o o 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 l s ; o o  
 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 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 " l 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 r 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 g l r 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 r 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 ' l 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 , l h l l f k h : i j l k g l r h p l f g ,  
 f d o g L o p n d l l f k 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  
vnsHavS l qoladk stjh djuk plfg, rfd l Hh  
cPpsLoq vkl ool blsvdyu dhfofHku Q, oLFk v  
vS 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 loA

vyx&vyx Hk{h j tfr] 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  
igpkusvS lg; k nsokysvdlnfed vS izkl fud  
mik la dls txg nh tkuh plfg, A , l-l hbZvj-Vh o  
ik Loq/h l hvj-l h} chvj-l h vS MbV lsvkus  
okyh ekh dkl epr vS Rofjr mik glak plfg, A  
, l-l hbZvj-Vh ool dledkt dls ooy , s s FHM- l s  
#fpen] ijr vS l tu'hy ykha ool Hjk sugha NIMk  
tkl drkA, s h Q, oLFk LFfir fd, tkus dh "k jr  
gSfd l LFk ool Hjrj vS f'k lclla eal tu'hyrk dls  
c<lok feya l Fk gh l Fk foUr, iho/ku yas le;  
ool fy, vS fo'oluh glak plfg, rfd l LFk ea  
LFk; Ro vS fujrjr dk cl/ gls loA

blsmu rele ifoQ kvla dls ikl lgu nsak plfg,  
tshlvj-l h} chvj-l h vS MbV }jkiB; iurd  
vS vU 'lcll l lefzx la dls rSj djus ool fy,  
vlo'; d ga bl ool eaiB; iurd fodkl ool fy,  
bls [lq vuq'ku djokus plfg, vS "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 kvla dkl eFlZ Hh djuk plfg, ftlls  
f'k lcll iB; p; Lr vS iB; iurd ool fodkl dh  
ifoQ kl stv-l ool ; g l fuf' pr fd; k tkuk plfg,  
fd "leuh Lrj ij f'k lcll iB; k kvS vU vcln fed  
dle ool fy, l Hh l fp/k; miyC/ gla

bl dh rRky "k jr gSfd fu; fDr dh ifoQ; kvla  
dk iujZk kfd; ktk rfd [kyh txgla dls mi; fDr  
mfemokjla ls Hjk tk loA gea #fp j [kus okys  
mQ'ku isojladh "k jr gSu fd xS #fpen ykha  
dh tlnsk ool cPplaool fy, dle djuseau rln{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 vS  
Loq dh xqloUk ea c<lrjh ool fy, rsk rjZ vS  
l onu'hy isojladh Hkxhjh dkl efi dy ga  
iFfed Loq dls etcwh nsokys l foQ iFfed  
f'k lclla dls MbV vS , l-l hbZvj-Vh ea fo'kk  
(l a k/u Q, fDr) ool rS ij n"KZ feyuk plfg, A<sup>9</sup>

15- jKVh Lrj dh l LFk j vS ulfr; k

, l-l hbZvj-Vh uskuy ; muofl Zh vM, t ool kuy  
Iylax] , M , MefuLV ku (U v) uskuy dml y  
vM Vhpj , t ool ku (, l-l hVhbZ) t s h jKV<sup>a</sup> Lrjh  
l LFk j bl mis; ool fy, LFfir dh xbZ gSfd ; s  
jKV<sup>a</sup> ea Loq h f'k lcll dh fLFfr l qj kus ool fy, enn  
djxh bga bl : i ean{kk tkuk plfg, fd ; sjK;  
Lrjh l LFk vladh iVZj vS l fp/kinz d glau fd  
[lq dk v; u djusokys jK; Lrj dh orZku {erk  
vS muo }jk fd, tkus okys dle dh iNfr dls  
ns{ks gq "k jr bl cr dh gS fd ; s l LFk j  
l eFlZ djusokys, t v vS lg; khl l LFk vladh rjg  
dle djA

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

9. nl ohai 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 cjsairk gsk plfg, A; g tMlo f'kkoQ fofHü ifjiç; al solrfod l aOQ vls tMlo oQ dj.k plfg, u fd vldMavls fyf[kr fjilw dh 'lrlk ija bl fy, bu l lFkula dls , s dk Zæ dh vlo'; drk gStks mgl h/ & l h/s bl ea 'hvey dja vls , s h fof/; la vls fopjla dls ryk la ftldk Q, ki d vk/lj gls vls cMh lç; k ea LoQh vls f'kld i f'kld l lFkvlard isyo gls loQa izlj vls forj.k dh ifoQ k l eFZ djusokyh gsrkd ; g dbZrjg oQ l qlo vls lg; k nsl oQ u fd fl HZ funkled 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 Q, oLFk ea iB, d Lrj ij {lerk c<hZ tkA vxj l Hh dle dls oQh, 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 l cdls 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 loQa orZku Q, oLFk iHl kgr djus oQ ctk yk la dls grkl kgr djrh gSfd os viuh

l eL; kvla dk gy Lo; a <w rFk mul s mEem ; g ghrh gSfd osml mlj dk icyu djaft l s jkVh l lFk; l qrh ga 'h/ oQ fy, jkT; dh l lFk; oQpy vldMadsbd\_k djusoQ dle eavkrh gS; k fiQ ml vè; ; u oQ iza' 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 inloQ ea mQj ls ulps dh vls tkuk ga LoQh vls f'kld i f'kld l lFkvlard sxgstMlo oQ vylok bu jkVh, l lFkvlaoQ fy, ; g "k jh gSfd os, s epla dk fodkl dja tks f'kld oQ elys dsvls foLrj nslsdk 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 LoQy oQ f'kld la dls 'hvey fd; k tk l drk ga bu epla ls ; g mEem dh tukh 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 qlj 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 rjchla dh leh'k dja ; g leh'k l xBu ea dle djus okys Q, fDr; la oQ rFk l xBu oQ Lo; a oQ ifjiç; ea dh tukh plfg, A iBsk oQ fy, ik oZ (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 l c jkVh l lFkula dls tksfd "leuh oLrfodrkvla lsdvs gq gS vfuok Zvis'kr nQ lZnxA

bl soQed dk Zkykvla vls l xB; la oQ eè; e l s Q, oLFkx l qlj vls ifoQ kvla la a' h vPNs i pyula dls l eusyuk plfg, A bl sf' kld oQ l fopla LoQh f'kld oQ i qrdh dls l fpr djuk plfg, A



vlykuk dh rFlk le; &le; ij funkured dne  
 iLrr fd, A 'lkl ;kuk dk ;g bfrgl ftlea  
 fujrjr kFlh rFlk tkl loZ fud@u cgl rFlk l lFlk h  
 fueZk dh tfoð i foð koð rls ij fodflr gyk Flh  
 ml s ooy /u ls pyus okyh lekulj l lFlk la dls  
 lFlk ir djoQu"ljvak"kdj Hx dj fn; kx; k fol xfr  
 ;g gSfd bu lekulj ljpuvlausu ooy vls pfjd  
 vls eq; /lyk oQ ljpuvlausu euky , oan{rk ij  
 udlyred iHko MykcfYd ifj; k ukvlausle v nns  
 oQ chn bu ^uolplyk lslh[kuk Hh foytr gls x; k

**16-1 vYidkyd ifj; kuk; cule  
 nlyZkyd n'Vdsk**

f'k'k oQ fy, ; kuk cukus grq dbZ ilf<+ la oQ  
 nlyZkyd n'Vdsk dk leð; vlo'; d gA xr  
 n'kd eð fuf'pr vof/ dhifj; kukvlausnlyZkyd  
 ulfrxr ifjn'; vls vYidkyd ifj; kukred  
 j.kulfr; la oQ eM-ij bls i fr lFlk ir fd; k jk';  
 ljdj la oQ <lpkr fodkl dsnjfdulj dj fons'la  
 lsl efflz ifj; k ukvlausbu ljdj la ij e'kulñr  
 <x lsviusy{; iHr djus oQ fy, nco cuk k  
 tls oQ Hh gyk og Flk fl HZ v lFlk h [kpZ tks fd  
 ÅtZku vf/dkj; h tks , d lekulj O, o lFlk oQ  
 iZqk Fls; k f'k'k l fpo oQ }lyk bl dk url'k; g  
 jgk fd l lFlk la dls xsl lFlk h fu. lZ i foð k v la dls  
 viukus oQ 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; i fr Z oQ 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 ljdj dk vnsk vuqkyu djus okys  
 nYrj'gh <pla ea rñly dj fn; k Lo&vfi j. k  
 [k] fo'yšk k vls uolply oQ vHko ea; s l lFlk j  
 fdUha vU fu; k tr dk Zela dk foð kb; u ekk

djus yxla bl ifj lFlk r ea ; s l lFlk j Lo; a dls  
 vè; ki d la vls LoQ/la oQ vuq i ugha <ky i k A  
 oLrr% ; s l lFlk j vè; ki d la vls LoQ/la dls yslj  
 vius ^vrxZ\* , d inkuoQ vls xS&ykr l d  
 elgy iuikrh jgh

bl ifj lFlk r ea; g iWstkus dh vlo'; drk gS&  
 dli fdl oQ i fr tokng gA bl le; l clscMh  
 pulsh, d , l h^tokng\* O, o lFlk dk fueZk djuk gS  
 tks var% cPplavls moQ ifj oQ i fr tokng  
 gls ml siZ, d cPpsoQ xql oQ k f'k'k oQ vf/dkj dls  
 l kdj djus oQ fy, tokng euk tk A

**17- l à k/u vls foUtr vojls'**

f'k'k oQ fy, l à k/u la dls yslj xgjs iMky dh  
 "k jr gA fdl gn rd i\$ k fn; ktk vls f'k'k oQ  
 lg; k oQ fdrus vak dls ekuo l à k/u fodkl  
 eaky; }lyk kulZ xbZ l feir oQ folrè fjilZ @  
 vkyu dk fgll k gsk plg, A foUtr jk'k oQ fn,  
 t kus oQ rjhdla vls [kpZ djus oQ rjhdla dk fujh k k  
 vls mi; k dk ysl k t k k br kn ij xgjs rls ls  
 foply djus dh "k jr gA orZku i foð; k v la eafu; e  
 vls eudla ij "; knk cy gSctk dle dh xql oQ  
 vls iñfr oQ O, o lFlk ftl rjg foHÀ izlj dh  
 flFlk r; la ea dle dj jgh gSogk "; knk yphys vls  
 l onu'hy eudla dh l [r "k jr gA

bl iQdl leg us ; g egl w fd; k fd jk';  
 ljdj vls onz ljdj oQ cp [kpZ dh t kus okyh  
 jk'k oQ c'vojls dh tlp dh tkuh plg, A pfd onz  
 }lyk fn; k t kus okyk foUtr lg; k igys lsr; onz  
 l efflz ; k ukv la (l v'yh Li la MZ l dle&l h, l-, l)  
 oQ l Flk c/k gsk kgSbl fy, jk'; ljdj dsl loZ k ed  
 f'k'k oQ fy, vi{kr foUtr dls yslj le>ls djus  
 iMrgs gA [kl rls lsrc tcf d "; knkj jk'; ljdj la  
 xgjh v k FlZl rxh l xqly jgh gA bl dh otg l sjk';  
 ljdj mu xrfrof/; la dls tlyh ugha j [k ikrh tks  
 le; c¼ ifj; k ukv la l stly gks gA

bl leg us foŭt; i f0; 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 v f k ku Hh 'kfe y gŭ ls  
 bdlbZ [pZ dh t kudj h feyrh gA ml g j. k oŭ fy, ] 70  
 #i; si fr fmu iE, d l f'k l d oŭ i f'k k k oŭ fy, ] fcz  
 d k k dh l d; k vŭ fcz d k Zea cPpla dh l d; k  
 vlok h fcz d k Z oŭ fy, bdlbZ [pZ vŭ xŭ  
 vlok h fcz d k Zoŭ fy, bdlbZ [pZ eM y DyLVj  
 Loŭ dks, u-i h bZ h bZ, y dk, Øe k ea (, l-, l-, -dk  
 , d dk Øe) vfuok Z: i ls 'kfe y dj y ŭ k ; g  
 l c oŭ l ijs nŭ k ea l e: i & l k g s vŭ i fr bdlbZ r;  
 [pZoŭ e r f c d gh; g j f' k [pZoŭ fy, nh t k r h gA  
 bdlbZ v k / l j r [pZ dh l l e k v la d k l e > k t k u k p f g,  
 r f d l f k ; viuh xrfof/; la d k i H h o' k y h < x l s  
 pyk l oŭ ; g n j n j k oŭ vŭ t u t k r h, by k l a ea  
 foŭHĀ l e n k, la vŭ l l e k t d l e g l a oŭ fy, oŭ  
 f l f r; la ea [ŭ e g ŭ j [r k gA

viust s fo'ky vŭ fHĀ r k o k y s nŭ k ea bdlbZ  
 [pZ l e: i u g h a g l d r k a f d l h f' k l d d k i f' k {r  
 djus oŭ [pZ ? W & c < + l d r s gŭ t k s b l i j f u H Z  
 d j r k g s f d i f' k k k d k d l e d g k g l s j g k g s r f k  
 b l e a { l s k f o' k k e a v l o k t l g h oŭ [p k d k v a j H h  
 'kfe y gA l f k g h f c z d k Z d s p y k u s; k y M d; la  
 dh f' k k dh c < k r j h oŭ fy, x g u x r f o f /; la d k  
 v k l s t r d j u s d k [p Z n ŭ k oŭ v y x & v y x d k l a  
 e a , d & l k u g h a g l s l d r k a b d l b Z [p Z } j k ; k u k  
 l p k y u d k i H h o d ŭ ŭ x g j k g A l o z f' k k v f k k u  
 dh ; k u k v l a d k s b l r j g r k M & e M k x; k f d o g  
 l e: i b d l b Z [p Z e a f i Q g l s l o ŭ a b l v V i V h  
 f l f r d k s , d O; k o g k j d K k u l s l y > k t k u s d h

"k jr gA dk Øe dh jpuk ea { l s k f o' k k v ŭ ŭ  
 foŭ'KV l e n k, oŭ f' k l d l a dh "k jr d k s v f u o k Z  
 : i l s v l e k j c u k k t k u k p f g, A

bl l s H h "; k u k e g ŭ b i v ŭ ; g g s f d ' b d l b Z [p Z  
 p y l b Z t k u s o k y h f o f H Ā i z l j dh x r f o f /; la d k s  
 l l e k ¼ d j r k g A d k Øe oŭ m i s'; t s s x q l o ŭ k d k  
 f o d k l l i j s c P p l a d k s L o ŭ e a y k u k b r, k n e a d b Z  
 l j h x r f o f /; k t M h g l r h g A ; g d ŭ ŭ e f d y g s  
 f d g e m u r e l e x r f o f /; la d k v k d y u i g y s l s g h  
 d j y a v ŭ ŭ m u o ŭ [p Z d k f g l k e i g y s g h y x k y a  
 p f d b d l b Z [p Z o ŭ x r f o f /; la d k s r l s i j H Ā r  
 d j r k g s v ŭ d k s 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 k s g h N l M u s d h r j H Q c < l r k g A ; g  
 d k Øe e a u o k p j h v ŭ ŭ u b Z m H j r h "k j r l a i j i g y  
 d j u s d h { l e r k d k s ? W r k g A b d l b Z [p Z ; k u k d k s  
 ; k d < x l s y k w d j k u s d h g h , d i g y y x r h g A  
 f t l e a c M h l d ; k e a c k / k ; v l r h g s v ŭ ŭ f t l s "; k u k  
 d y i u k h y r j l o ŭ l s l y > k k t k l d r k g A

dbZckj ; g r o ŭ f n; k t k r k g s f d ; s b d l b Z [p Z  
 o ŭ p y ' l l o ŭ r d \* ( i n d i c a t i v e ) g l r s g ŭ y s d u g l r k  
 ; g g s f d ; s f' k y k ; k u k v l a v ŭ ŭ f o ŭ t, v k d y u oŭ  
 fy, e k u M d k d l e d j r s g A<sup>11</sup> 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 k s L o l N ĩ r o ŭ l e; o j r, r k  
 n r s g a f t l o ŭ fy, b d l b Z [p Z d k v k d y u i g y s l s  
 e l s w g l r k g A m u e g ŭ b i v ŭ x r f o f /; la d h L o l N ĩ r  
 d k s V l y n s k g h c g r j l e > r s g a f t u o ŭ fy, b d l b Z [p Z  
 u g h a f n; k g l r k g s ; k ; s [p Z v u ŭ ; Ø r g l r s g A  
 D; l a d , d h f l f r e a y ŭ l l o f o H k x dh v k i f ŭ k k v k  
 l d r h g A ; g H h r o ŭ f n; k t k r k g s f d b d l b Z [p Z  
 dh "k jr b l f y, g s f d f' k k o ŭ l o Z H ŭ e d j. k o ŭ  
 fy, "k j h f o ŭ t, i o / k u d k v k d y u g l s l o ŭ a  
 c s k d f' k k o ŭ l o Z H ŭ e d j. k g r q "k j h j f' k d k

11. f'kyk vŭ j k l; oŭ l o z' k k v f k k u d k; k u k v l a d j , M & f l y , u - l h b z v l j - V h v ŭ ŭ ŭ i n k o ŭ l a l k & l n l; la } j k i j h r j g l s  
 b d l b Z [p Z o ŭ v k / j i j v k d y u f d ; k t k r k g A b l s , d e " k j h d h r j g l e > s t k u s d h "k j r g s v ŭ ŭ b l d h d k' k k d h t k u h  
 p f g, f d ' b d l b Z [p Z i j v l e k j r L o l N ĩ r o ŭ c t k m u i ŭ ; k v l a d k s v i u k k t k f t l l s j k l; l j d k j a i j f o' o k l f d ; k t k  
 r f k m l g a v i u h ; k u k j [ l q c u k s g r j l ' Ø r f d ; k t k A



vkdyu fofHĀ xrfof/; la oQ bdlbZ [lpZ oQ eW/s  
vuqku l syxk k tkrk gA gkyfd bl dkeryc ; g  
uglaglak 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 rks ml dk vkdyu 8000  
#i; k i frelg ifr f'k'kd fd; k tkrk gA gkyfd  
f'k'kd dk oQ rford oru dHh vyx&vyx grk  
gStks fd jkT; ljdj oQ orueku] ojhrk vS  
vU HĀka ij fuHZ djrk gA bl fy, x. luk oQ fy,  
fodfl r fd, x, fu; eA dks 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 rks nsdk, d dlj. k; g Hh  
gSfd bl ls foUtr vuqku u vS mĀjnkf; Rb cuk  
jgrk gA ; | fi tc nsk Hj oQ fy, bdlbZ [lpZ dks  
r; fd; k tkrk gS rks 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 cckh gA

pfd oQ zl effZ vyx&vyx ; k uk ; yxrkj  
cu jghgA bl oQ l Fk gh; g "k jhgSfd vyx&vyx  
rjg dh xrfof/; la dks viuk k tk A bl dlj. k; g  
Hh "k jh gS fd bdlbZ [lpZ dks r; djrs le;  
bl dh /lj. k ij iwZfoplj dja , d k djus oQ fy,  
"k jh gS fd foUtr mĀjnkf; Rb oQ fy, "; knk  
yphys mik la dks l fuf'pr fd; k tk vS vxj  
bdlbZ [lpZ dks bLreky djuk gS rks "k jr ; g gSfd  
bl s, d k cuk k tk fd ; g jkT; Lrj oQ ctK vS  
"; knk NĀh 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  
djxā ; g dk Ze vk k d la vS fu; k tudrZ/la dks  
bl dk volj nrk Fk fd os fdl h [k l eL; k l s

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

dk Ze dks crj rjhoQ l sykwdjus oQ fy, ; g  
fl HĀj "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  
NĀuh oQ fy, , d k rak LFfir fd; k tk l drk gStks  
foUtr mĀjnkf; Rb dks l fuf'pr dja

## 18- f'k'k l okvladk Q ol k hdj. k (i s loj i o f ū dk fodk l )

vt f'k'k oQ {k ea i s loj # [k dh fl js l s deh gS  
[k 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 LVHĀ dkp; u mudh  
'k'kd #fp ; ki o h rko oQ vk/lj ij ghfd; k tkrk glA  
bl fy, ; g vlo'; d gSfd LVHĀ vS vU deZkj; la  
oQ fy, p; u ulfr vS {lerk v la 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 /rk (lateral linkage) gS vS jkVh; |  
jkT; ] f'kyk Cykd] Dy LVj la eaf'Zd vS ÅeoZnks la  
ghfn'k v la eafopj la vS vuqho adk Oec¼ vku&i nku  
glA bl oQ fy, vlo'; d gSfd LFkuh vf/dkj; la dks  
viusmPp vf/dkj; la dh ryukea; Fk k; yphyki u  
vS Lok ūrk feyst l l sf d l Hh Hx mlkj la eal eh k  
vS iqcZy dh i fO; k oQ l tu l stfur cS d  
{lerk v la dk l o /Z gS l 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 eQlj lg; k vS f'kyk vS mif"kyk Lrj la ij  
rdudh vS 'k'kd l eFZ ij fuHZ gA ; g l pkyu  
eal qj vS nkonkj la sijle'Z djus dh ubZ i fO; k v la  
dks t l s t kus dh viSk j [rk gA bl dk ifj. ke  
fo | ky; h f'k'k dk l koZhfedj. k g lak plfg, tks fd  
rdudh vS 'k'kd fo'k'k rks ij fuHZ glA



oQifr fo'ok vſ l Eku ij vk/ljr djuk gkxftleamls, d mi; Dr Lok ū t xg nsh gkA f'k l d l a dlsbl cr oQfy, i h l fgr vſ lg; k fn, t kus dh Hh "k jr gSfd os [l q viusfy, lg; ksh leg cuk l oA

jK; dls O, oLFk oQ Hhrj B oQ ij dle fui Vkus l s cpuk pfg, A i f f e d LoQy oQ f'k l d l a oQ i k vol j h a d k, d fodk & i Fk g l k p f g, r f d o s f " k y k v ſ j K; Lrj ij i B; p; Z o Q f o d k v ſ f o f H Ā l x B u l a ( M b V v ſ , l - l h b z v j - V h ) o Q { l e r k f o d k l s t M - l o Q v ſ m u o Q } j k ; g f o d Y i g e s k g l k p f g, f d v x j o s p l a r k s i q % i g f a H d L o Q y f'k k k d h v j y l o A

4- i f f e d L o Q y l a o Q L r j i j d { k v ſ L o Q y l a e a l e n k , d h H k m l j h b l c r d h e k d j r h g S f d i B; p; Z o Q , d f g l l s d l s L o Q y o Q L r j i j j p k t k ; k d k Z I F k y e a L o Q y l a o Q , d l e g y o Q c h p l h v j - l h } c h v j - l h v ſ M b V e a d l e d j u s o k y l a d s b l i f O ; k e a ' k f e y f d ; k t k A m g a L o Q y l a v ſ i f f e d L o Q y o Q c P p l a o Q l F k i ; L r l e ; f e r k u k p f g , r F k f'k l d l a o Q l F k y a s l e ; r d d e d j o Q l e x h v ſ f o p j h a d k l e u s y k u k p f g , A i R , d l L r j i j e l k n k ' l s { l d l i F k v l e a y l a r a d j . k d h i f O ; k v l a d s e t c w d j u s o Q f y , Q o L F H R e d c n y l o " k j y k k t k v ſ b u i f O ; k v l a d h f l F f r d l s n ' k z s o k y s r j l d l a d s H h t x g f e y u h p f g , A

LoQy l s Ā i j d h D y L V j } C y W j f " k y k j K; r F k j K V r L r j d h l H h l i F k v l a d s l g ; k n a s v ſ l ' D r d j u s d h H f e d k f u H u s d h " k j r g S u f d i z k / d v ſ f u j h k d d h A

5- c P p l a o Q l s { l d v f / d j v ſ c M l Ā ; k e a Ā p h d { k v l a o Q n c l o d k n s k r s g q m P p i f f e d L r j v ſ e k ; f e d L r j i j L o Q y l a d h l Ā ; k c < h z t k u h p f g , A p f d b l L r j i j f o " k l a d h f o " k o l r q v ſ p f j d r f d Z l l e a c u s v ſ v o / l j . k v l a o Q l e > u s i j v k / l j r g l h g & t l s f d " k j h u g h g S f d e r z v u f l o l a s t M g h b l f y , L o Q y l a d s p f g , f d o s i z k l o z v e ; ; u v ſ i B; p; Z o Q < l p s o Q H r j v ſ O , D r x r v ſ l l e g d d k k d s d j u s d h l H k o u k v a d s " k j e g S k d j k Ā ; g b l d h e k d j r k g S f d g e , i h i f O ; k v l a v ſ v o l j a d s l F k i r d j a f t l l s L o Q y o Q f'k l d l a r F k v ſ L o Q y l a o Q f'k l d l a o Q c h p f u ; f e r : i l s , d e ' k o j k g s r F k m u d h i g p l l e f x z l a v ſ , d v P N s l e ¼ i l r d k y ; r d g l a m P p L r j o Q v f / d j h b l e a l { l e g l a f d f'k l d i f'k k k e a u o p j h a d k l e f z v i s { r r d u l d h l g k r k o Q l F k d j l o Q v ſ m u d s " k j h l l a k / u e g S k d j k Ā

**igyh ik-h oQf'k R F H Z**

geabl cr dls "k j lohdj djuk pfg, fd xjhc cPpſ [kl dj igyh ik-h oQ l h [kus oky l a o Q i k l ?lj eal h [kus oQ fy, d l b Z l g ; k h O, o L F k u g l a g l h g Ā f d l h H h c P p s d l s / l e h x f r ; k f i Q u l e > i k u s o k y g l a s d h o t g l s m l s L o Q y l s c l g j u g h / o Q y f n ; k t l u k p f g , A l a v l z f'k l k O, o L F k d l s , i s c u k t k u s d h "k jr g S f t l l s f d o g , i s c P p l a d h "k j r l a d h i f r Z d j l o Q v ſ m u o Q l F k l E e k u , o a l o n u ' h y r k o Q l F k c r l o Q d j l o Q r f d o s g j f n u L o Q y e a v k u s o Q f y , i h l l g u i k l o A

**ijh k l q l j**

c g r l j s f o | k F Z l a o Q f y , d { k n l d k o " l z c d l j o Q r u l o d k l e ; g l k g Ā v i s { k ũ r c g r j f o | k F Z l a o Q c h p i j h k e a i s y g l a s d l s , d i e d k v l i n k o Q : i e a n s l k t r k g Ā ; g k r d f d i ; L r m P p v a l u i k u s

ij Hh xgjh fprk , oav Rxyku 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 eav FLZvZl 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 m H j u k p f g , A m u f o | 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 , k 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 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 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 u r a k d s L V H Q , o a u k l j ' k g h o Q i e d l l i k u o Q O f D r ; k 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 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 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 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 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- LFkuh fudk , oalepk dsetcwhinku 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 l 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 a o Q l e k / k u e a L F k u h  
 f u d k l c l s " ; k n 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 k 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 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 ' L 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 O o L F k O o l k l d j . k r F k i n k u o Q e o Q i e d 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 wZ0, oLFk dks 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 a j i l f < e ; 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 h 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 Q , 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 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; inz'k)]*

*l oQ loZ vW fjl pZbu , tQku (1972&1978)] cMk% l k Vh iQ , tQkuy fjl pZ , M MoyieV] 1969*

*v#.k egrk] 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 M i h bZ h , fDVfoVh vW n , u-l hbZvkj-Vh] u; h fnYyh] vMjVdu , V n jh'kuy bMv;W vW , tQku] eS j] 1998*

*pSx vW , tQku & , iWylhilZSDVo] f'k k eak;] Hjr ljdk] 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 & bu fl , 'ku M; o] uskuy dml y iQV Vpj , tQku] u; h fnYyh] 1998*

*oq hV h cEM Vpj Vux ikze] M i h bZ h] rfeyuk] bu U wysj M i h bZ h dVx] va l q; k 17] f'k k foHk] ekuo l k u fodk eak;] u; h fnYyh] 1996*

*fM i QdYVh" k vW cfl d LoQ VplZ , loZ vW fjl pZbu , tQku] uskuy bMv;W vW cfl d , tQku] oQ (lh, -, l-bZ)] cMk] 1960*

*fMLVDV bMv;W ~ vW , tQku , M Vux (MbV) & xhMy:ba] f'k k foHk] ekuo l k eku fodk eak;] Hjr ljdk] u; h fnYyh] 1989*

*Mv bZ Z y-] ekuo l k u fodk eak;] Hjr ljdk] os l bVA*

*, tQku iQV vW (bZ iQ, -) % n bM; u l hu] Hjr ljdk] f'k k foHk] ekuo l k eku fodk eak;] u; h fnYyh] 1993*

, fye<sup>h</sup> Vpj , t<sup>o</sup>ku d<sup>h</sup>o<sup>e</sup> % xlbMyb<sup>d</sup> , M flych<sup>h</sup> u<sup>s</sup>kuy d<sup>h</sup>l y v<sup>h</sup>Q  
 , t<sup>o</sup>ku y fjl pZ, M V<sup>h</sup>ux] u; h fnYy<sup>h</sup> 1991

fi Q<sup>h</sup>Fk v<sup>h</sup>W b<sup>h</sup>M; k , t<sup>o</sup>ku y lo<sup>h</sup>Z [h<sup>h</sup>h] u<sup>s</sup>kuy d<sup>h</sup>l y v<sup>h</sup>Q , t<sup>o</sup>ku y fjl pZ, M  
 V<sup>h</sup>ux] u; h fnYy<sup>h</sup> 1992

i<sup>h</sup>Q<sup>h</sup>Z lo<sup>h</sup>Z v<sup>h</sup>Q fjl pZbu , t<sup>o</sup>ku 1983&88 ([h<sup>h</sup>h]) , u-l hbZ<sup>h</sup>ky-Vh] u; h fnYy<sup>h</sup>A  
 x<sup>h</sup>fo<sup>h</sup>h v<sup>h</sup>ky- v<sup>h</sup>h ox<sup>h</sup>hZ] , u-oh] nh DokyVh v<sup>h</sup>Q c<sup>h</sup>l d , t<sup>o</sup>ku l fo<sup>h</sup>Zt bu b<sup>h</sup>M; k  
 & , o<sup>h</sup>Qk LV<sup>h</sup>h v<sup>h</sup>Q i<sup>h</sup>bejh Lo<sup>h</sup>Qyx bu eè; in<sup>h</sup>h fi Q<sup>h</sup>Fk lo<sup>h</sup>Z v<sup>h</sup>Q , t<sup>o</sup>ku y fjl pZ  
 (1988&1992) % V<sup>h</sup>M fji<sup>h</sup>hZ] [h<sup>h</sup>h] , u-l hbZ<sup>h</sup>ky-Vh] u; h fnYy<sup>h</sup> 1991

>k v<sup>h</sup>h >xju] , fye<sup>h</sup> , t<sup>o</sup>ku i<sup>h</sup>Q<sup>h</sup>n i<sup>h</sup>wjLV , M v<sup>h</sup>nj f<sup>h</sup>M<sup>h</sup>h<sup>h</sup>OM x<sup>h</sup>h] l<sup>h</sup>h i<sup>h</sup>Q<sup>h</sup>  
 i<sup>h</sup>h<sup>h</sup>yl h fjl pZ u; h fnYy<sup>h</sup> 2002

ekuoh et<sup>h</sup>onkj] f<sup>h</sup>M<sup>h</sup>h<sup>h</sup>bt<sup>h</sup>sku] fji<sup>h</sup>hZ , M if<sup>h</sup>yd Lo<sup>h</sup>h] , g; wu il Z<sup>h</sup>hVo] tu<sup>h</sup>  
 v<sup>h</sup>Q , t<sup>o</sup>ku y Iy<sup>h</sup>ux , M , MefuLV<sup>h</sup>ku] [h<sup>h</sup>h xvii- la 4] v<sup>h</sup>Dr<sup>h</sup>oj 2003- i<sup>h</sup> 481&506  
 fe<sup>h</sup>M<sup>h</sup>VeZf<sup>h</sup>Q, w<sup>h</sup>Q n u<sup>h</sup>b<sup>h</sup>Ek i<sup>h</sup>Q<sup>h</sup>o b; j Iy<sup>h</sup>ku] ; k<sup>h</sup>uk vk k<sup>h</sup>] H<sup>h</sup>jr ljd<sup>h</sup>ky] u; h fnYy<sup>h</sup> 2001  
 u<sup>s</sup>kuy dfe'ku v<sup>h</sup>W Vpl<sup>h</sup>h] 1983&85] nh Vpj , M l<sup>h</sup>h<sup>h</sup>V<sup>h</sup>h] fji<sup>h</sup>hZ v<sup>h</sup>Q n u<sup>s</sup>kuy  
 dfe'ku v<sup>h</sup>W Vpl<sup>h</sup>h] H<sup>h</sup>jr ljd<sup>h</sup>ky] u; h fnYy<sup>h</sup> 1986

u<sup>s</sup>kuy d<sup>h</sup>o<sup>e</sup> i<sup>h</sup>Q<sup>h</sup>, fye<sup>h</sup> , M l<sup>h</sup>o<sup>h</sup>h<sup>h</sup>h , t<sup>o</sup>ku & , i<sup>h</sup>Q<sup>h</sup>o<sup>h</sup>Q (l<sup>h</sup>h<sup>h</sup>/r i<sup>h</sup>fr) , u-l h  
 bZ<sup>h</sup>ky-Vh] u; h fnYy<sup>h</sup> 1988

u<sup>s</sup>kuy i<sup>h</sup>h<sup>h</sup>yl h v<sup>h</sup>W , t<sup>o</sup>ku & 1986] (1992 eafd, x, l<sup>h</sup>h<sup>h</sup>/u o<sup>h</sup>l<sup>h</sup>h] f'k<sup>h</sup>fo<sup>h</sup>h<sup>h</sup>]  
 ekuo l<sup>h</sup>h<sup>h</sup>/u fod<sup>h</sup>kl e<sup>h</sup>ky;] H<sup>h</sup>jr ljd<sup>h</sup>ky] u; h fnYy<sup>h</sup> 1992

u<sup>s</sup>kuy i<sup>h</sup>h<sup>h</sup>yl h v<sup>h</sup>W , t<sup>o</sup>ku (, u-i<sup>h</sup>hbZ] f'k<sup>h</sup>fo<sup>h</sup>h<sup>h</sup> ekuo l<sup>h</sup>h<sup>h</sup>/u fod<sup>h</sup>kl e<sup>h</sup>ky;] H<sup>h</sup>jr  
 ljd<sup>h</sup>ky] u; h fnYy<sup>h</sup> 1986

i<sup>h</sup>h<sup>h</sup> fji<sup>h</sup>hZ if<sup>h</sup>yd fji<sup>h</sup>hZ v<sup>h</sup>W c<sup>h</sup>l d , t<sup>o</sup>ku bu b<sup>h</sup>M; h v<sup>h</sup>W i<sup>h</sup>Q<sup>h</sup>; fuofl<sup>h</sup>h i<sup>h</sup>h]  
 fnYy<sup>h</sup> 1999

i<sup>h</sup>h<sup>h</sup> v<sup>h</sup>Q, D'ku (i<sup>h</sup>hvk, -)] H<sup>h</sup>jr ljd<sup>h</sup>ky] f'k<sup>h</sup>fo<sup>h</sup>h<sup>h</sup> ekuo l<sup>h</sup>h<sup>h</sup>/u fod<sup>h</sup>kl e<sup>h</sup>ky;]  
 u; h fnYy<sup>h</sup> 1992

jlepau] foeyk (l<sup>h</sup>hnd)] t<sup>h</sup>h , M l<sup>h</sup>ky b<sup>h</sup>DoVh bu i<sup>h</sup>bejh , t<sup>o</sup>ku y<sup>h</sup>gh<sup>h</sup>hZ<sup>h</sup>hZ v<sup>h</sup>Q  
 , D<sup>h</sup>h] l<sup>h</sup>h if<sup>h</sup>yo<sup>h</sup>h] u; h fnYy<sup>h</sup> 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] chi h]** 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 i 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 ſſVouſ] , 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