

s f&df * fipkTo s f s f]

भूकम्पीय परिदृश्य

EARTHQUAKE SCENARIO OF KATHMANDU VALLEY

o; e'sDKLo kl/bZo ; DaGwL jOf sf7df8fipkTosfdf lju t !(() ; fn s] e'sDka6
cfPs] sDkgnfOf cfwf/ dfqL To: t} sDkgsf] kg/fj] Q ePdf kgf ; Sg] ef] t s tyf
; fdf] h s c ; x?sf] kl/sNkgfs] cfwf/ df t of/ ul/Ps] 5 .

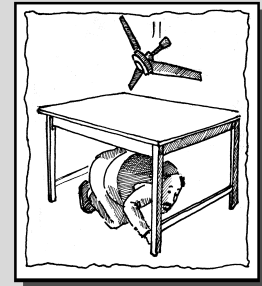
tTsfnsf] bZo

lpxf] b] 5 . laxfg] b] v abnl ePs] h]
sf7df8fipkTosfaf; lx?n] cfh a9L hf8f] dxz';
ul//x] f 5g\ t/ kl g cf'gf] b] gs sfof' nflu
Ao: t xg' kg] sd'f/L, Aofkf/L, dhb' cflb cf-
cf'gf] sddf hl6/x] f 5g\ hf8f] 5S; lsP/
ljBfox? vln; s] fn] j] Bfyx? klg k9g / v] gdf
Ao: t 5g\ sf7df8fipkTosfsf] b] grof; jfelf] s
?kdf rln/x] f] 5 .

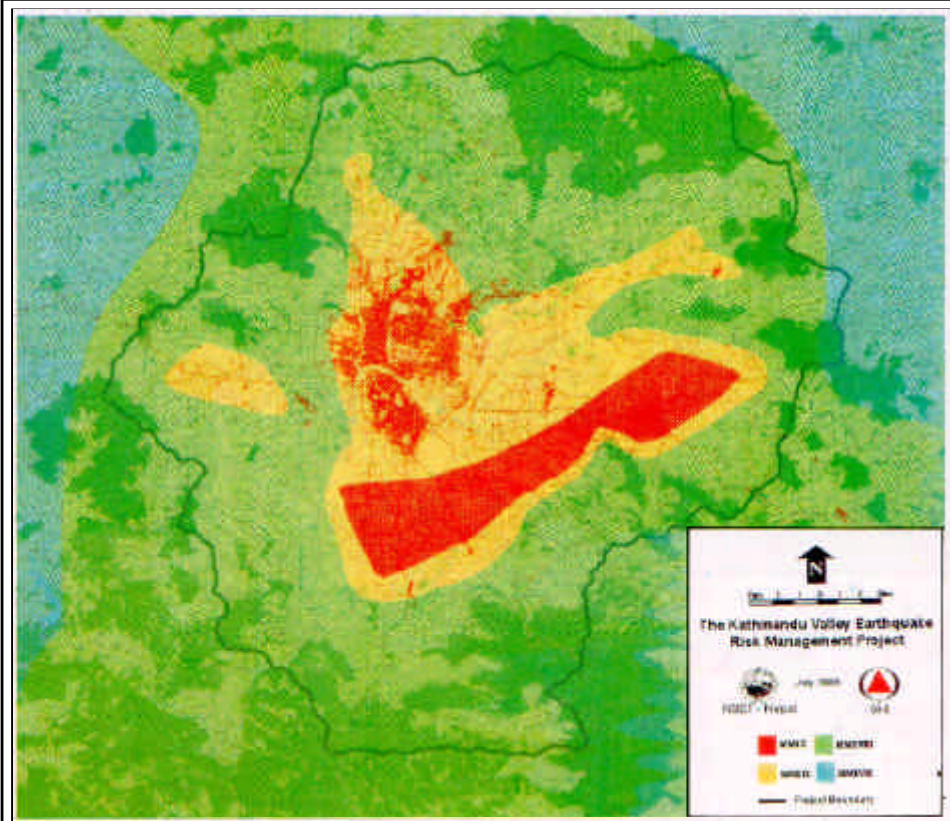
lbgsf] @ ah] !%
ldg] uPs] 5 . ; a} 7fpf
; a} hgf cf-cf'gf] wgd] d] g
5g\ crfgs w] } d] lg; x?n]
cfkn" a;] f] cf; g s] L
xlnNPs] h: t] dxz'; u] .
t/ s] ePs] x] 7Dofpg
; s] g\ To;] s;] klg wofg
lbPgg\ / cf'g] wgd] d] g
/x] . To; sf] nut} k] / ; a}
d] lg; n] cfkn' a;] f] 7fpf] n]
xlnNPs] / klxf slxNo}
g; lgPs] crDdsf] 7hf] cfj] fh
cfO{x] f] cgej u/ . ; a} hgf
cf] QP/ cfkn' a;] f] 7fpf] 6
p7] / sf] f af] x/ bf] 8g
v] h] . o; /L p7] bf] bf] bf] b}
pgLx?n] cf'g] j] l/k/Lsf
; fdgx? 9n] f] / v;] f] b] v] .
sfof] ox? leq b/fhx? 9n]
k': tsfnx?df lsfaf
tVtfx? 9n] c: ktfnx?df
cf] flwsf b/fh 9n] 3/ 3/sf
ef; f sf] fx?df ef] s] f] x?
v;] leQfsf 38L / P] fx? klg
v;] k] 6] . % ofn / leQfx?

rls] g yin] . o; /L e'sDk cf] p] s] ug{k5{ / s]
ug{x] b] e] g] af/] 1fg gePs] d] lg; x? cf] QP/
s/fp] af] x/ lg: sg v] h] bf slthgf alrd} n8]
slthgf e'of' af6 Ps] k6s vbl/P, sltn] ofn
/ af] b] laf6 x] f] k] n] . sfof] ox?df ; a} hgf cf] QP/
Ps] k6s af] x/ lg: sg v] h] bf 9f] s] df 7] d] v] h] eO]
slt hgf lylrP .

o; /L cf] QP/ af] x/ cfO{kluGh] ; Dddf



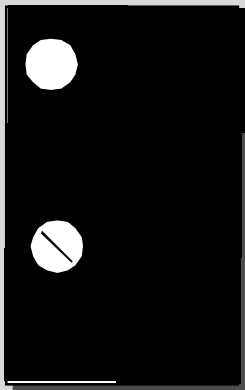
e'sDk cf] p] olb t k] Qf3/
leq x] g] 5 eg] 6 an dg jf
9f] s] f] ; vdf plegd] .



of] gSzfdf] j; ; H() s] d] xfe'sDk df h d] g xlnN k] f] c ; / / To: t] d] xfe'sDk kl/ b] f] / Pdf kgf ; Sg]
c ; /af] l r qf ul/Ps] 5 .



e'sDk cPsf olb t kQPs
tNn] 3/dfxgX5 / ;lhñ
afix/ lg: sg ; lsg] 9fšf
glhs}xgX5 eg] t?Gt 3/
afix/ lg: sgxfj;V v'nf
;lilt 7fpšf kugxfj; \



; jf/L ;fwg rnfO/xg' ePsf5
eg] cf g] ;fwgnfO; 8ssj
lsgf/df/sgX;V ejg? v.
ljBt nQ / kh cfbaf6 69f
/xgxfj; \.

hldg xlnng /f]sof]t/ ; a}dflg; sf všf cenjy/
y/L sfld/xšf 5g\ afix/ htftt}whfñ]9fšfPsf]
5 . whfñ]ubf{glhsšf] b[o klg sxl b]všf
t}klg dflg; x? cflQb}htftt}b]8/xšf 5g\.
o; /L b]8b}b]8}af6šf slthgf n8šf 5gveg]
slthgf eflbf eflb}sb}u?E fja: th]lylrg kušf
5g\ . zx/L 0fšf b]v sxl afix/ klg dflg; x?
o; /Lg}b]8P/ vNnf 7fpšf klg v]h/xšf 5g\.
o; /L b]8b}slt cflQP/ lRofO{/xšf 5gveg]
sltko dlxfx? cf g] 5f]f 5f]Lsf]gfd afñfpšf
b]8/xšf 5g\.

sb}c:ktfndf 8fš6/ / g; {? gcfQšg
cf g] l; ls: t la/fdlx?sf] / lff ug]kpf; df nfu]
eg]sb}c:ktfndf la/fdlf]pkrf/sf nflu vl6Psf
8fš6/ ; g; {/ : jf:Yosdlx? xftdf ePsf]pkrf/
pks/0f xftšf lnO{c:ktfn afix/ lgl: sP .
la/fdl s?jfx? / eflg ; Sg]la/fdlx? klg cflQb}
7hdVh ub]efu]. t/ Hofb}czQm la/fdlx? /
všf 3fO{]ePsfx? cfk' ; tš}cfšbfgdf lRofPšf
?Eja: g'afxš sxl ug; ; s]gg\.

ljBfnof?df slffdf kl9/xšf ljBfyl{/
k9fO{xšf lzlfz lzlfzsf nñ nñ ecb}afix/
r]df lgl: sP . t/ k9fO{geP/ cyj f xfxk' 6fOdf
eP/ r]df v]n/xšf ljBfyl{? eg]cflQb}slff
sf]ftkñ b]8P . o; /L slffaf6 afix/ eflg] /
afix/af6 slfftkñ{hfg]ljBfyl{? cfk; df h4f
;fg]slffsf w]jafnafnšfx? n8]. r]f gePsf
ljBfnof?sf ljBfyl{ lzlfz tyf sd f/Lx? stf
hfpFs tf hfpšf cndlnO{/x}. e'sDkLo ; lilt
af/]1fg kfPsf ljBfyl{? t?št}6an / a]r dlg

nš] eg] lzlfz lzlfzsf? 9fšf] 7ls dlg
pleP .

zx/L lñsf ; 8sdf ; jf/L rnfO{/xšf
rfnšx? cf g] ; jf/L ; fwg c; Gtlnf ePsf]b]v
crDd dflg yfn]. t/ ; jf/L ; fwgnfO{lgocQof
u/L ; Gtlnf u/fpg gkfPšf] lfof leq]w]h; j]
; fwgx? cfk; df 7f]šg ku]. sxl ; jf/L rfnšx?
gcfQšg ; 8saf6 lsgf/f lt/ nfu] ; lilt 7fpšf
kul /f]SP .

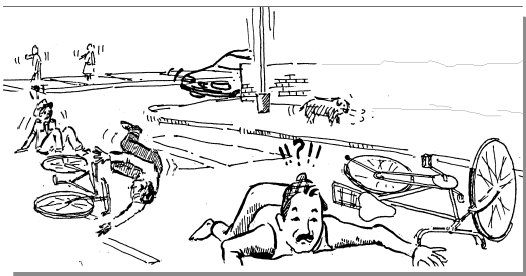
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dflg; x? cflQb}glhsšf]v]df l56}g]hdof xg
ku]. t/ zx/ leqsf jfl; Gbfx?n] vNnf 7fpšf]
v]hndf otftpt cflQP/ ePsf]k] klg ; lilt vNnf
7fpšf?št}kñ klg; ; s]gg\ . 3/ elTsP/ p8šf]
whfñ]ubf{zx/ leq sxl klg /fd/L b]všf eg]
zx/ leqsf]afix; Gbfx?n] ; w}cfk' lx8/xšf]af6]
klg oltv] klxNofpg ; s]gg\ . 3/ elTsPsf]ykñ]
af6]5]sP/ klg dflg; x?nfO{vñ / ; lilt 7fpšf]
l56}kluxñ Hofb}sl7g eO{/xšf]5 .

dflg; dfq xff]kz'kñx? klg g/fd/L
t; šf 5g\ . ; 8ssj 5f8f sš/ s/fpšf]8/xšf
5g eg]3/df klñPsf sš/ klg hñh]els/xšf
5g\ . ufš3/ lt/ vñ 7fpšf rll/xšf ufO{e]
ePšf afv] cflb klg s/fpšf]htfkof]pt}b]8/-
xšf 5g\.

s; h]klg sx fñfg] < s]ug] < s; nfO{
uxfg] < sxl lgofš ug; ; ls/xšf 5šgg\ ; aš]xfj; \
xj; x/fPsf]5 ; a]t/ sfñfxn 5 ===== .

eQrf b]8/xšf=

eQrf sf7df8f]l]gDg dmodjuf kl/jf/s]Psf o's x] p]Ps ljQlo
; yfdf ; fg] : t/s]sd]r/L5 . d g] zfvk]dvñ c]Psf]sdf s]l ; n] ; nfd ; ; Dsn
rg uOxšf]eQrf b]j/



dfu]df ku] kl5 ; Dsn
c; Gtlnf eQ c]fsg
n85 . ; / ; / la: t]f]c]O/
xšf] ; Dsn s]t]g]sQ
s; j] všf glbO o; /L
cfkñ n8šf] sf/Of yxf
kpg v]h v]h p; n]
cf g] cuf8L / k5f8L
; fOsn df c]Oxšf c?
dlg ; x? klg n8šf] b]v5 .
; f]b]j/ dfu]df u8L xšf

dfš/ ; Dsn, dfšx? klg c; Gtlnf eOxšf]b]v p] cndNn kb5 . s]ePsf]x]egL
7Doipg v]h v]h pQ/ t k]6 7f]cfw]k]Lsf]h: t]f]cfjfh c]Psf] / dflg ; x? lRofPšf

htfkof]To t}b]8/xšf]p; n]b]5 . ca aNn p; n]
e'sDk cPsf]xšf eGg]rñ k]šf . clg p]klg ; Dsn
af6df 5f8L b]v yN5 .

Pš] lffdf ; a] t/ wñ wññ] 9fšG5 . p]
sfotnost]sfid h] ; s]xfj; \ eg kl/jf/nfO; Deil 3/
lt / b]8G5 . o; /L b]8b}j]k]Lsf? vx? hñ]dR-
/xšf]af6]lR/fk]uPsf] / ; a] t/ sfñxn dRPs]
p; n] s]w]cgej gu/sf b]xox? b]v5 . eQrfnfO{
skñ]3/ ku]h: t]f]eOxšf . t/ af6]df 3/x? 9n/xšf]
b]vaf6]df lslRP/ dl/g]k]f]s < 3/ k]g]g]k]Og]
ls < eg] p]8/10/xšf]5 . p] hlt l56f]b]v r]x]klg
df]8/n]ubf]p; sf v66x? l56f] sbg ; ls/xšf 5gg\ .
o; /L b]8b}p] s]b]k]6s n85 s]b]k]6s c? b]8/xšf
dlg ; x? ; u h]5 . ; a] t/ wññ] 9fšPsf] / 3/x?
elTsPsf]eQrfnfO{ cf g] 3/ ku]af6] 7Doipg klg
dZsn kl/xšf]5 .

Ps 306f kl5

lbgsfj# aHofj. /l8ofjgkinnj; dfrf/df
eGofj- asf7df8fjpkTosdf cfh lbgsfj/s/la @
ahj !% ldg hff 7hfj eSDksfjwSsf dxz';
ul/ofj. pQ eSDknj sf7df8fjpkTosfno{7hfj
dfqdf lft kofPsfjcgdfg ul/Psfj5 . o; af/]
lj: tlf ljj/Of klt eO{ sPj5g\ . t/ ofj; dfrf/
sf7df8fjpkTosdf Aof6laf6 rNgj; fgrj/l8ofj; fydf
xgk? sXlnj dfq ; Gg kfp . /l8ofjgklnaf6 ofj
; dfrf/ k; /Of eP kl5 clw/Hosf laleGg 7fpaf6
sf7df8fjpkTosdf 6lnkmfj ug{yflnofj . t/
eSDksfj/s/Of wj7fpaf6 6lnkmfj sf vDafx? 9nSf
/ tf/x? rBPsfnjpkTosf afx/af6 cf'gf gtf
s6Da / lkphgx?nf0{; Dks{u/L pglx? ; /lft
/xg/xPj/ oxlfj:yltaf/hfgsf/L lng cft/
wjdfdg; x? lg/tz xg'kofj. 6lnkmfj sf nf0gx?
lft gePsf 7fpaf6 df 6lnkmfj sf 306L nuftf/
alh/xPj5g\ t/ ; ahgf afx/ eflu ; sPjn3/
leq k; L Tofjkmfj p7fp/ s/f ugj/sfj 5g\.

vhf / ; /lft 7fpaf6 vfjldf cfQh
b7Psf dfdg; x? h; f; f sf7df8fj 6Bvjh,
vhfd-r, /Tgkfs{cfib 7fpaf6 ehf ePsf 5g\.

; aSf cgxf/ dlng 5g\ . Ps
306f cufl8sfj / clxnSfj
sf7df8fjpkTosdf kTofpgj
g; lsgju/L 7hfjkl/j tG cfPsfj
5 . 6Bvjhdf ebSfnl glhs,
afgZj/, lqk/Zj/ cfib 7fpaf6
7fpaf6 hdlg lr/f k/Pj
b7P5 . Tofjlr/faf6 afnjf /
kfgl klg lgl:s/xPj5 . To; h
rfj sXl lxnfdj]e} sPj5 .
o; /L hdlg lr/P/ afnjf /
kfgl lgl:sPsfj slxnj klg
gbjPsf dfdg; x? crDd dfdg-
/xPj5 g\ egj ToxfFaNntNn
cf0kuPsf a9fkfsfx? cfkmh
afNnosndf b7Psfj b[osfj
; Dengf ubj]c? ; eG5g\ -
#() ; fnsfje0f fndf klg o: t}
ePsfjlyofj.]

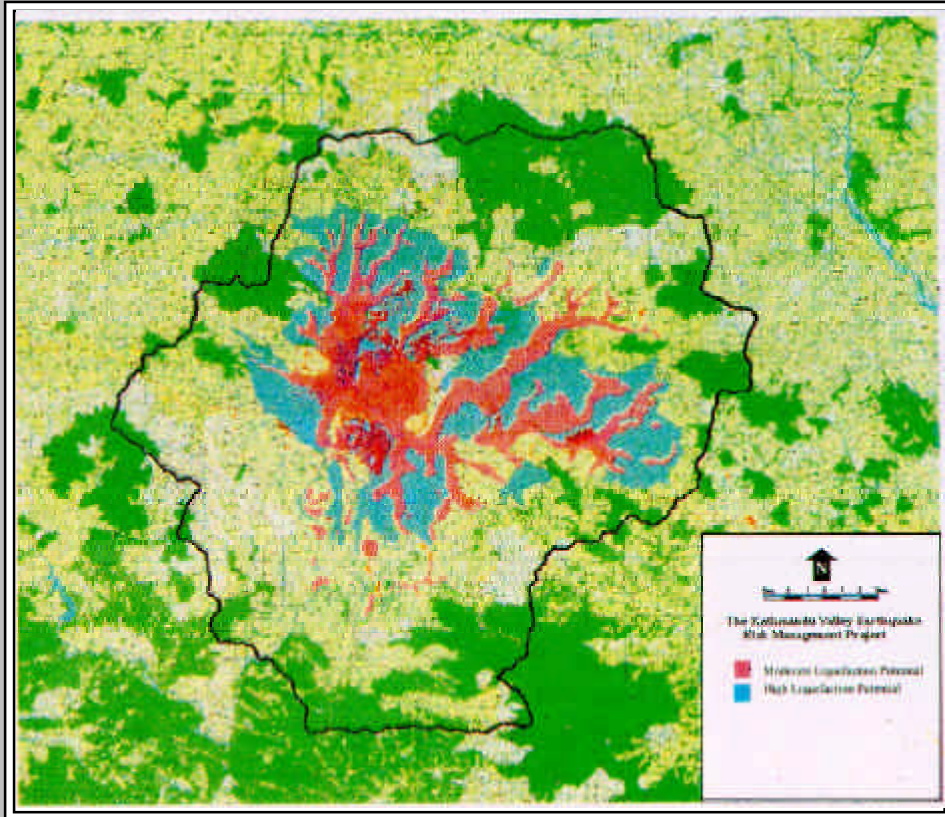
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leqsf x/P ; fgf - 7hf vNnf
7fpaf6 dfdg; x? 7hfj; vofdf ehf
ePsf 5g\ . rqky glhssf
afj; Gbfx? rqkyd} hDdf
ePsf 5g\ . rqky klg 7fpaf6

7fpaf6 rlsPsfj5 . cf'gfkl/jf/sfj; b:o ; /lft
5, 5g\ yxf kfg ; a)cft/ 5g\ . sfotno uPsf
sdxf/Lx? hlt ; Sbfl56fj3/kul kl/jf/sfj:ylt
hfGg cft/ 5g\ . t/ af6fj vhf 5g\ . cfk; df
hwPsf ; jf/L ; fwgx? ; 8s / rfa6fj df dg; sfj
le8, eTsPsf 3/sf 0f / df6fjylkPsfj/ ; 8s
klg 7fpaf6 7fpaf6 lr/f k/Pjn] ; jf/L ; fwg rnfpg
; Dej 5g\ . To; h]cf'g; jf/L ; fwg xg]sdxf/L
x? klg ; jf/L ; fwg sfotnodj5fjL bfjL-bfjL 3/
klg vfh/xPj5 5g\ . ptf 3/df /xPj u[x0flx?
sfotno uPsf klt, k9g uPsf 5fj- 5fj/ / sf
ljz]fnj3/ afx/ uPsf kl/jf/sf cG0 ; b:ox?
3/ cf0GkuPjn]lrGtn]cfsh Aofsh eO{xPj
5g\ . sltko sfotno, ljbno, l; gdf ejg, sf/
vfjg / 3/x?sf 9fjP vNg g; s] dfdg; x? leq
ylgPsf 5g\.

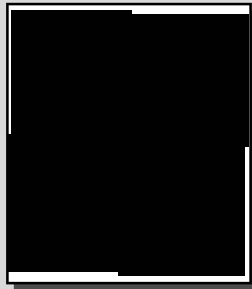
eSDklo ; /lfsfj k'j{ tof/L gu/Pj
ljBfnox?sfjbo l bo labf/s 5 . sltko ljbno
ejg eTsPsf 5g\ . slff leq slt kl/Psf
5g\skl yxf 5g\ . slff afx/ xg]sPsfjLx? ofj



eSDk cPsfj v0df cf gf
kl/jf/sf ; b:ox? ejf xg]
Pof v'nf / ; /lft : yfgaf/
eSDk cPsfj cuflj]gZr t
ugkfj; eSDk cPsfj s;fj
ug< eGafj/ cf gf kl/jf/sf
; a ; b:ox? / 5/5djl; u
k'j{ ofhg ugkfj; .



eSDk cPsfj hdlgsj l unjefu a9LxNnG5 / hdlg leqsfj df6fjafnjf kfgl afx/ lg: sG5 . ofjgSzfdf
sf7df8fjpkTosdfTo; /L hdlga6 df6fj afnjf kfgl lg: sg ; Sg] : yfgx? b7Psfj5 .



e'sDkdf k/L 3Dt]
ePsf? nQx] zd/Lk"]s
xn'sf 9un] dfq p7pgxfj;\.
xtf/ u/l/ ha/h: tLp7p
30t] hQeng yk cfwft klg
;S5.



lj: ;+() ; fn s]dxfeSDka6 eQik/ s]k r kGg ebn]b/ jf/nQ
ePsf] lft
;fef// ; t]nf klqsf jif c\$ @!((#

lb0{x}sf 5g\ cf'gf aRrfnf0{ing eg]
sltko cleefjsx? bRf] lJBfno kl}sf 5g\ t/
sltko lJBfnosf lzlfz lzlfzsfnf0{sb lJBfyl{
sxif5 yxf 5g\ . pglx? cleefjsx?nf0{tkf0sf]
aRrf 3/ u0{; Sof] elg/x}sf 5g\ . t/ aRrf 3/
gkl}sf] lJBfnodf klg gePsf] / af6f] klg
ge]6Psfh]cleefjsx? eng lrlt / cfs]zt
alg/x}sf 5g\.

t/ s]k lJBfnosf?df eg]eSDk hfgf; fy
; a}zlfz - lzlfzsf? ldn] cf'gf lJBfyl{?nf0{
glhs}sf] r]df Pslqt u/L st}klg hfg glb0{
s8f lgu/fgl df /fv] ; f]jgf lb0{x}sf 5g\ lzlfz
lzlfzsf? k]o} s]lfsf k]o} lJBfyl{toxfPslqt
ePsf 5g\ls 5gg\eg] To; sf] u0t ul//x}sf
5g\ . pglx?n] ; DalGwt cleefjs cP kl5 dfq
lJBfyl{f0{hDdf nuf0{x}sf 5gV gcflQsg 9f9;
lJBfno ejgx?df eg]vf; 7hf]lft kl}sf]5g\.

lJBfno ejgx?df eg]vf; 7hf]lft kl}sf]5g\.

zx/ leqsf]l:ylt cTo6t eofjx 5 . 7fpF
- 7fpF6 cfuf]f H]fnf / wFsf d:nfx? lgl:s/
x}sf b]v5g\ bdsnsf]nflu w]7fpF6 afhfj6
cf0{x}sf]5 . t/ ; a}7fpF bdsn klg ; ls/x}sf
5gg\ . sf7df8f] nln tk' / eQik'/sf
u/L hDdf & j6f bdsn ePsf]f @ j6f dfq
kl/rfng xg ; s}sf 5g\ . eSDksf]sf/0f k]nfd]
9f]f afuPsf]9f]f vlg g ; sl bdsnnf0{afx/
lgsfng ; lsPsf]5g\ eg]s]k bdsn laluf/ ylfz-
/x}fn]of]lakt]sf]ahf]f tl bdsn cykg ePsf
5g\ . htft t}af6f]cj?4 ePsf]cfunful ePsf]
7fpFdd klg bdsnnf0{7hf]sl7gf0{kl//x}sf]5 .
zx/sf ; f]f uNnL leq bdsn l5g{g ; s}fn]
nfd]f k]0{sf] ; x/f In0{cfuf]lgefpg] kpf;
e}x}sf]5 . h ; n]ubf{cfuf]lgefpg]siddf l]nda
e0{a9L lft e}x}sf]5 .

bdsnx?df kof]t dfqdf kfglsf]df]bft
5g\ . kfglsf] ; f] ePsf]7fpFdd klg w] ; do
nflu] / af6f]klg vhf gePsf]sf7df8f] /fgl
kf]v/Lsf] eQik'/df l ; 4 kf]v/Lsf] / nln tk'/df
lrl8ofvfgf leqsf]kf]v/laf6 bdsndf kfgl eg]
sfd e0{x}sf]5 . o:t}ahf]sf]nflu eg] zx/sf
7fpF7fpF x]0866x? /flvPsf xg\ . t/ tl
x]0866x? vfh] bdsnsf]nflu kfgl leSg vfh]b
sb}klg x]0866af6 kfgl cfPg . kfglsf] ; f]
; ls ; s}fn]tl x]0866x?af6 of]lakbsf]ahf
sfd lng ; lsPg . pkTosfsf lalGg :yfgdf /x}sf
k}f] kDkx?sf]eldut k}f] 6ofsl k8s] cfunful
ePsf]5 . o ; /L cfunful x}f k}f] kDk glhssf]
3/ ; d] cfuf]f]rk}f]df k/}sf 5g\.

zx/sf 7fpF7fpF6 3f0{x} c:ktfndf
cfpg ynf]sf 5g\ . c:ktfn glhs}xg} c:ktfn
klu ; s}sf 5g\ . t/ 6f9f xg}nf0{7hf]sl7gf0{
kl//x}sf]5 . w]7fpF6 6]nkrf] ; Dks{laR5p
ePsf]PDah] ; afhfpg ; lsPsf]5g\ ; 8s cj24
ePsf] va/ kfP/ klg ToxfFPDah] ; klg
; ls/x}sf 5gg\ . c:ktfnx?sf]0d]h] ; l jefudf
3f0{x}sf]30f]nflu ; s}f]8fS6/x?nf0{ToxfF
Jo]y: yf ldnfpg sl7gf0{kl//x}sf]5 . c:ktfn
leqs}la/fdlx? / :jf:Yosdlx? klg cl3 eflg
vfh]b xft vSfd r]f nful clxn]0d]h] ; l d]ylk
kl}sf 5g\ . lbpF] @ ah] :jf:Yosdlx?sf] kfnf]
k]l/g] ePsf] w] ; h ; f] af6f] cnkq kl//x}sf
5g\ . kfn] ; lsPsf? 3/ klg kfPsf 5gg\eg]
kfn]z? xg} c:ktfn klg EofPsf 5gg\ . o ; h]

ubf{c:ktndf c6ofhsf] jftfj/0f 5fPsf] 5 .
tTsfn pkrf/ kfpq g; s3f 3f0t3f cfk6tx?
cfqm]zt e0/x3f 5g\.

3f0[jeP/ c:ktfn cfpq?df w]h; f3f
6fpsf]f r3f nfu3f] 5 . e0f3f] cfp3f] yxf
kfPk5 e3bf e3b]sf] ;lsf udnf v;] 6fpsf]f
nful s3f] uDel/ 3f0[jePsf 5g\ . s; 3f] blng
v;] / s; 3f] lzlna kwf v;] 6fpsf]f 7hf] r3f
nfu3f] 5 . % ofaf6 / afb3laf6 xfdk3b3f xft
v3f e3f g3f? klg k3f :t 5g\ 8fS6/x?nf0[; a3b3f
a9L uDel/ 3f0[3f]sf] x3f] 56b3pg / Itglx?nf0[
tTsfn pkrf/ ; j3f k3ofpg sl7g
e3f] 5 . clxn]tl 3f0[3f]nf0[3f] pkrf/ ug
7fP3f] ; dlr t Joj: yf ug{g; S3g}; a3b3f 7hf]
; d: of ag3f] 5 .

kfnf] gk/3f]h] c:ktfn aflx/ c6oq
/x3f ; Dal3wt 8fS6/x? t3t cf3f] c:ktndf
k3g v3f]h/x3f 5g\ sf] 3/ k3g v3f]h/x3f 5g\ .
t/ af6f]c] ?4 ePsf]To; df klg afw kl//x3f]
5 . aflx/af6 cfp3f 3f0[3f] / pglx?sf cfk6tx?sf]
el8ef8sf]sf/0f c:ktfnsf] jftfj/0f cJo3l:yt
e3f] 5 . o:n]ubf{c:ktndf klxn]b]vg]egf
eP/ pkrf/ u/f0/x3f] ;ls: t la/fd3f? k3t 8fS6/
g; 3f]sf]kof{t 3ofg k3g ;ls/x3f]5g\ .

sltko c:ktndf cTo3Zos cf3f]wsf
b/fhx? 9n] k3b3f cf3f]wx? ; d3f gi6 ePsf
5g\ . cf3f]wsf] :6f]sf] lhDdf lnPsf] dflg;
olt v3f] sxf3f < s3f x3ntdf 5 < yxf 5g\ .
To; 3f] :6f]df ePsf cf3f]wx? lgs3f] sf3f rnfpg
c3f]3f]f]kl//x3f]5 . l3Bt lat/0f agb ePsf]
tTsfn PS; -/ ug{kg] 3f0[3f]sf nflu ; d: of
kl//x3f] 5 . h3f]3f/ rfn' x3ntdf ePsf
c:ktfnx?df t h3f]3f] sf3f e3f] 5 . h3f]3f/
gePsf / eP/ klg ; fng ug{g; lsPsf
c:ktfnx?df 7hf]sl7gf0[kl//x3f]5 .

pkTosfsf k3of h;] ; a3f]yfgx?df :yfglo
:jo+]s o3f? p4f/ sfo3f ; xof3f ug{cl3
; l//x3f 5g\ t/ s; n] sxf3f]sf3f ug{ / s; /L
ug3f]3f]lgw3f]ePsf]5g\ . sf]p4f/s x3f]sf]ldt]
x3f]56b3pg uxf]5 . To; 3f]st}Ps}7fP3f] w]
dflg; x? em3DdPsf 5g\ eg] st}sf] klg
5g\ . c6oq e3b3f sf7df8f]dx3f]u/kf3f]sf j8f
g3f\$ / n3ntk/ pk-dx3f]u/kf3f]sf j8f g3f!)
df p4f/ sfo3f]a9L ; lq3f / ; d3f]of3ds ?kdf
e0[3f]5 . Toxf3f :yfglo hgk3tlgw / o3f?n]
klxn]3f; af/]t3fnd lnPsf lyP .

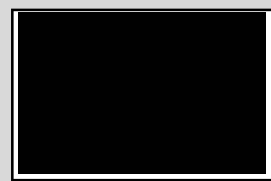
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3f]h lbp3f]@ jh] !3f ldg3f \$% ; 3f]8 hf3f
*-@ /3f6/ :s3f] e3f]3f uPsf]sf/ v3f] tyf
e3f]3f]3f]efun]hg3f]Psf] 5 . pQ3f e3f]3f]sf]s3f]
lj3f' sf7df8f]3f]v s/Lj !)) l3nf]ld6/ pQ/
/ ; j3f lhN3f]sf]cf; k3f; df /x3f]cg3f]g ul/Psf]
5 . e3f]3f]6 sf7df8f]3f]kTos3f]Jofks hg wgsf]
l3f]t ePsf]3f] >L % sf] ; /sf/ u3f] d3f]qfn3f]sf7df8f]
pkTos3f] ; ln3f]3f]w3f]w3f]u/f0f u/L cfk; L ; xof3f /
p4f/ sfo3f] tTsfn h3f]3f]cg3f]u u/3f]5 .

; f3f k3of] . t/ aQ3f 5g\ . 7fP3f]f3f]
lahh3f]tf/x? r3f]Psf 5g\ vDaf 9n3f] jf
af3f]Psf 5g\ sltko 7fP3f]63f; k3f/d/ tn e03f]
v; 3f] 5g\ . s/3f6 ; 63f]eP/ g3f]sltko 7fP3f]
cfun3f]u ePsf 5g3f]3f]3f]sf/0f w]3f]dflg; x?
3f0[3f]ePsf]e3f]x3f]n3f] klg cf0/x3f]5 . alQsf]
cefjdf ; a3f/ c6of] / c; 3f]3f]sf]jftfj/0f 5fPsf]
5 . c3f]3f]3f]ubf{p4f/ sfo3f] sl7gf0[
kl//x3f]5 . sltko 7fP3f]df3f/ :6f3f]u/]
df3f/sf]aQ3f]e/df sf3f e3f] 5 . h3f]3f/
ePsf 7fP3f]h3f]3f/ ; fng ul/Psf 5g\ sltko
7fP3f] ePsf h3f]3f/6/x? klg rnf3f] . s3f] klg
gePsf 7fP3f]6r3f]nf0[6, d3f]6f]h, nfn6f], 63f], d3f]
aQ3f]cf3f]afn] klg lahh3f]cefj df3f]k3f];
e3f] 5 . t/ k; nx? ; a3f]agb ePsf]3f]Aof3f],
d3f]aQ3f], d3f]3f]h pknAw x3f] ; s3f]5g\ .

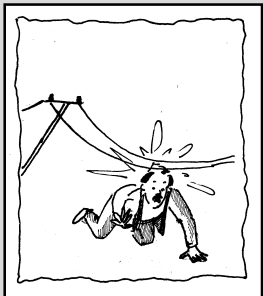
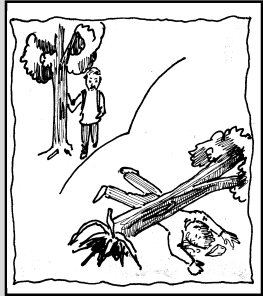
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5g\ . 7hf]l3f]t gePsf]3f]/df klg k3f]pg]v3f]B3f]g /
e3f]3f]3f]oy3f]yltdf ge0[9n3f], k3f]vPsf 5g\ .
To; 3f]u3f]3f]x? s] ug] s]gug]eg3f] cndndf
k/3f] 5g\ . v3f]k3f]3f]3f]x3f]sf/n] h3f]t3f]c3f]
hl6n ; d: of v8f ul/lbPsf]5 . v3f]k3f]3f]sf k3f]3f]x?
k3f]3f] / k3f]3f]sf h3f]3f]x? e0f3f]3f]3f]3f]3f]6 v: s3f]
sf/0f]nz/ sf clws3f] 7fP3f]w3f]f3f]x?df k3f]3f]cfpg
; s3f]5g\ . t/ af6f]3f] k3f]3f]5t3f]5n e3f] 5 .
3f]3f]5f]3f]df /3f]vPsf 6b3f]3f]x? v;] ; a3f]k3f]
k3f]vPsf]3f]3f]3f]3f]3f]k3f]3f]cy3f]3f]x3f] k3f]3f]5 .
3f]d3f] e3f]3f]d3f] k3f]3f]6b3f]3f] (Underground
Water Tank) ePsf 7fP3f]eg]k3f]3f]3f]3f]3f]3f]3f]3f]
; d: of k/3f]5g\ . snw3f]3f]df k3f]3f]gcf]Psf]
dflg; x? glh3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]
o: t3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]
e3f] s3f] 7fP3f]dflg; x? k3f]3f]3f]nflu a9L l3f]3f]t
e3f] 5g\ . lahh3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]
cf3f] ePkg k3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]
lgs3f]hl6n ePsf]5 . pkTosfsf]u3f]3f]3f]3f]3f]3f]3f]3f]



3/ aflx/ lg: sL ; S3f ePsf]5
eg] S3f ; f3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]
3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]



olb t k3f]w3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]
t3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]
b3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]
af3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]
u3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]3f]



3/ af/x/ xg/x5 eg/ cUn/ kVfñ ? v, lah'nLs/ nOg, eJg kh cfbst/ghs / bā t/ 3/ ePsf ; f uNnLdf ga;L ; /lft vnf 7fpft / hfxfj\.

7fpft klx/fjupsf]5 .

e0f/fnfjkl/ k/sf5 eGj8/n/; a}cfttst ePsf 5g\ . oxl 8/n]3/ lftu|t gePsf? klg 3/ leq a:g/; fx; ug/; s}f 5g\ . 7hfje0f/fnfj ce/ cfpf5 eGj/cfz sfnjw/; h; f]dfg; x? af/x/ vhf 7fpft cfhsfj/ft latfpg/ t/v/df 5g\ . t/ hf8f]df; d ePsf]of/klg ; xh xg ; ls/x}f] 5g\ . 3/ k/; j: t ePsf / w/; lft ePsf kl/jf/ x?nf0{ cGog af; a; fpg/ kpf; e0{ /x}f]5 . o; sf nflu ljbno ejgx? kpfj ul/g/ rrf/rln/x}f]5 . t/ sltko ljbno ejgx? cfk/; lftu|t ePsf 5g\ .

eSDkaf/]s\ s/fx? eGj /l8of]gknsf] dVo k/; f/0fdf / Pk= Pd= /l8of]k/; f/0fdf kpf; e}x}f]5 . t/ eSDkaf/]s/ s/f kpf/0f ug[eGj

; fdu]sf] cfjdf /l8of]f sfognd ; fnsx? cNdn/x}f 5g\ . sxfFslt lft eof/To; sf] ljj/0f ; sng xg ; s}f]5g\ . ; a}t/ cgdg / cfz sfsf s/fx?dfq e0{x}f 5g\ . 3/ leq kl/Psf df]g; x?sf]p4f/ ug/3f0f]x?nf0{c:ktfn kfofpg/ kl8t kl/jf/x?nf0{a; f; u/fpg/sfo{ g}oltv/ a9l dxTjkof/ e}x}f]h klg lftsf] ljj/0f ; sng ug/sfof]kfyldstf kpg ; s}f] 5g\ . gkfn 6/lnhgsf]khrf] 6fj/ lftu|t ePsf/ sf7df8f]pkTosdf ljbT ljt/0f cj?4 ePsf]cfh gkfn 6/lnhgn]cfkvgf]kpf/0f ; jf ; fng ug/; s} . o:t;cGwsf/ , cGofh / cft s}f] l:yltdf sf7df8f]pkTosfj; l;x?n]ef]nsf]laxfglsf] kltlf ubj/r ; f/ft latfP ===== .

efQrf sf] 3/ 5g

n8j k8j eQrf h; f] t; f] cf g]f6f]df KU5 . 6f]naf6 p/ cf g]f 3/ ePsf] 7fpft/ nt5 . t/p; n/ cf g]f3/ k]hfkgf; Sog . aNn tNn 3/sf] dh g]sfdf KU5 . x}f] t p: sf]3/ eTts ; s}f] /x5 . p/ ? s/fp5 3/ leq k:g v]f]5 . t/ 9f]f k/Psf]5 . p/af dfeg.lRof]p o t p t Lb]8G5 . t/ eQrfn/ ; a} t/ To: t} bzo bV5 . p; n/ cf g]faf cdfkTg . 5f]f, 5f/Laf/] e}f] hlt ; a} d]g; x?nf0{ /5 t/ s ; n/ klg atfpg ; Sog . p]gx? klg p/ h: t} ? s/fp5 b]8/x}f 5g\ .

p/af cdfkTg v]t lt/ xhf]g]s egl b]8/v/ df KU5 . t/ v]t df p; n/ cdf, 6f9faf6 cPslk'k' / c? 5d]sx?nf0{ dfq e65 . cdfnf] e6f p/ sL cf: j: t xG5 . ?3f v]sL nfu]sf] s t]guQafa 3/dfa; s] p: sL kTg / 5f] ; /fnd]ePsf/ 5f]f; sh uPsf]af/p: sL cdfn] hf]gsf/L lbG5g\ . To; kl5 eDrnf] ; DeG5

- cfh aj'n'sL ; /fNL uP/ kTg / 5f]nO]nOfpg/; s]sfognd lyof, cdf / k]k]O v]t dfa:g cGog gh]g eg/ p/ ; /fNL t k]bG5 . ; /fNL hf]gaf6f]p: sf]5f]sf] sh k]ePsf]p/ 5f]nfO]ng : s'ndf k:5 . t/ : s'nsf]xnt b]v]f p/ eng laxjn xG5 . : s'n eJg cwf eTtsPsf] j Bfyx? /D/x}f]z lfsx? cf]Q/x}f] sL cleef]sx? s/O /x}f]p; n/ k]p5 . p; n/ cf g]f5f]sf]af/f]f ; f]v]f]h u5 . sL a/ ; Dd p; n/ O5f]faf/jyxf k]pg u]k]k5 . aNn aNn p; s] g]nsf c? s}f]x?af6 p; n/ 5f]f]sf] af/df yxf k]p5 . eQrfnf]cPsf]yxf k]p kl5 : s'nsf] af/bnLaf6xO]kfn/ e]g v]f]p: sf]5f]sf]Pp v]6f ePsf]x5 . p; n/ Oaf]f] : sh k5f]8sf]v]f 7fpft /f]vPsf]x5 . Tox]f] h: t}c? 3fO]x? klg /x5g\ cf g]fafahO]b]kl5 p/ g yNo] 5f]f]sf]xnt b]v] eQrf klg ? g yNo] . kTg / 5f]nO]ng ; /fNL lt/ b]8Psf]eQrf 5f]f]sf]xnt b]v]kl5 s]ug]s ; f] ug]eg] 5d]k]pg yNo] olt v] 5f]nfO]hlt ; Sof

rfB]c:ktfn k'v]pg klg h?/L5.kTg/ / 5f]Lsf]v]h vj/ ug/ ; /fNL klg klg To]t g]h?/L5 . t/ b]8 ; /fNL klg @ 306df klg Eo]O]g 3fO]t] 5f]nfO]5f] hf]gsf klg cPg . To; h]p; n]h ; /L eP klg k]xnf

5f]nfO]g c:ktfn k'v]pg]lgOg u/af] . t/ c:ktfn s ; /L k'v]pg< af]f]aluPsf] y]gPsf] s'g] df]6/ r]n]sf]5g . o: t]f c]j:yf df PD]n]f; c]pnf eGj/ cfz ug/ klg Joy/5 . To; n]p; n/ 5f]nfO] cfk]h]af]f] c:ktfn k'v]pg cTf u/af] .

7p= 7fpft la; f]p5 eQrfn/ 5f]nfO]aNn aNn c:ktfn k'v]of] . t/ c:ktfn s] c]j:yf eng gh's 5 . 3fO]t/ l]tgsf cfk]Gtx? s]l]e858S6/x? sd 5g\ . To; h] ; a}3fO]h] tTsf] pkrf/ kpg ; s]sf 5g\ . o; n] ub]8S6/ / 3fO]tsf cfk]Gtx? dR egfeg klg eQ/x}f]5 . c:ktfn ku]s]s/la tlg 306kl5 aNn Ps 8S6/ c]Q eQrf]sf]

5f]nfO]x] k]yld s pkrf/ ul/lbP . p; s]f v]6f]sf] PS: /Jug]h?/L ePsf]5 . t/PS: /Jug]7fpft 7hf] le8 5 . ljbT lat/0f aG ePsf]h hf]6/ rnf] PS: /Jug]sf]d eO/x}f]5 . PS: /Jug]k]jws : jo+ cf g]f3/ kl/jf/s] c]j:yf k]t lRgt t b]v]6g\ . g]nk]ga6 xN va/ deng v]f]5g\ t/ clwsfz 7fpft g]nk]g r]n]sf] 5g . To; n] p]gx? lRgt t, xtf; , cf]q]f] ; t ePsf5g\ . o; n]ub]PS: /Jug]sf]d klg c]k]ft tbf? s t]f c]pg ; s]f]5g . c:ktfn sf c? zfv]x? df klg oLxN t 5 .

eQrf cf g]f5f]sf]PS: /Jug]kfn]kv/ al; /x}f]5 . lRgtfys]Qe]f]s hf]f] c]b ; a} c?nfO] h: t} eQrfnfO] klg Rof]b]NoPsf] 5 . p; n/ cfh ; /fNL klg ; De] b]v]g . To; n]p: sL kTg / 5f]L ; s'zn /x]g\ eu]jg ; u dgd]k]sf]ub]5f]sf] pkrf/s] nflu eQrf c:ktfn]cfhsf]f]t latfpg] lgOg uc5 .



efln kn6

laxfg lea;ld;[;]a}h;f]vfh 7fpff
hDdf xg yfn]. uP /flt k6s k6s ; -;fgf
e0f;fnf]sf wSsf; a}h]dx;'; u/] . To;[;]ubf{; -
;fgf s}fs}l nufot sf]kl klg lglZr6t eP/
lgbfpg ; s}gg\ e}g ; a}eolet e0{/x]. lxf]sfj
7hf] eS}Dkn] s}kl dfq lflt k}ofPsf 3/x?nf0{
/flt sf]yk wSsf?n]k7}eTs0lbPsf]5 .

p4f/ sfo{

e0f;fnf] eTs}f 3/ , sfo{no, ljb}no
cflbaf6 3f0{[x?nf0{p4f/ ug]/ d/}sf AolQm{x?sf]
nfz le}Sg]sfo{tla]ultdf e}x}sf]5 . o; sf nflu
sf7df8f]pkTosf leq /x}f ; [f, kx/L / g}kfn
/Bq; ; f]f06l nufot c6o ; fdf]hs ; yfsf : jo+
;]s o}fx?nf0{kl/ r}fng ul/Psf]5 . elTsPsf
3/x? leq kfgl, 06f, 9uf, df6f]k65fP/ ; f+ af6l
/x}f jf nfz alg; s}sf df]g; x? v}f]g' ; f}f}
hf]vdk0f{sfo{5 . sf]kl 3f0t{x?nf0{lgf}nlt tTsfn
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; gfv t u/fpg]k}owdf h6}f 5g\ . 7fp7fpff
3/ elTsP/ ylkPsf 06f, 9uf cflb k65fP/ af6f]
vhfpg klg ; [f / kx/L hl6/x}f 5g\ . o: tf 06f,
9ufsf yk] k65fpg]8f]h/x? af6f] / khx? sxl+
elTsPsf, sxl+efl; ; Psfn] ; a}lt/ kl/ r}fng ug{
; lPsf 5gg\ . zx/ leqsf ; f}f/ u}nlt leq ol
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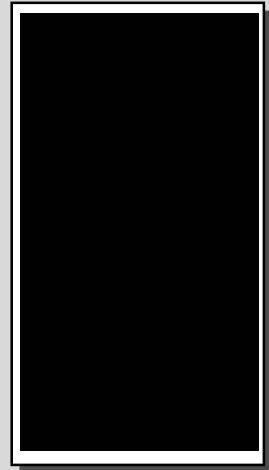
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kl/ r}fng pkoQm?kdf xg g; s}f]dx;'; e0/x}f]
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: jo+;]s ; yfglo jfl; [bf ; a}hgf Pslqt ePsf
5g\eg]st}p4f/sf]nflu kof{t hg zLQm gku]
b0{ rf/ hgf dfq df6f] 06f vf] ; [g nfu}f
b]v65g\ . sxl+tt Tolt klg 5gg\ . o: tf]ahidf
s; /L sfd ug{k5{e6g] 1fgsf] cefj ; a}t/
v6lsPsf]5 .

e0f;fnf] wSsf] tn b]v dfl; ; Dd
rlsPsf, Ps kfvf] k7}elTsPsf, efl; ; Psf,
9lnsPsf 3/x? k; : t 5g\ t/ To: tf 3/ leq k:g'
plr t x65 ls x6g eg] lgs0f] ug{s}g]cflwsf-
l/s lgsfo 5g\ . o; n]ubf{klg p4f/ sfo{f afwf
kl//x}f]5 . s: tf]cj: ydf /x}f 3/ leq k:g'
hf]vdk0f{x65 e6g]yxf gx}f p4f/ ug{uPsf
df]g; x?g]kl/Psf 36gxf?n]ubf{3/ leq k; ;
p4f/ sfo{ug{f s}kl : jo+;]sx? lxlRs rf0/x}f
klg b]v65g\ .

; d6jo / Jo; yfkgf]cefj]n]ubf{p4f/
sfo{f hl6/x}f hgZLQm]nf0{[kfn]kfn]la>fd ug{
lbg] vfg lkgf]Jo; yf ug{cflb sfo{f sdl
sdhf]l b]vPsf]5 . o; n]ubf{d}lof}x kl5 p4f/
sfo{f s}kl lzlyntf cfPsf]5 .

c:ktfn

e0f;fnf]sf7df8f]pkTosf leqsf
c:ktfnx?nf0{gh's l: yltdf k}of0lbPsf]
5 . lale6g : yfgaf6 cfPsf 3f0t{x? c:ktfndf
cf]/f]nflu/x}f 5g\ . c:ktfnsf sltko 8fS6/
g; {/ : jf:Yo sd}f/Lx? : jo+klg 3f0t]cj: ydf
5g\ . 3f0t]xgaf6 ar}fx? lxf]lbpF]b]v lagf
cf/fd / clnslt vfgsf]e/df nuftf/ sfd
ul//x}f 5g\ . sltko c:ktfn ejgx? eTs}f,
r s}f 5g\eg]clwsfz c:ktfn leq /x}f ; fdfgx?
lfltu}t ePsf 5g\ . o: tf]l: yltdf pkrf/ ;]f
k}f]g ug{c:ktfnx?nf0{Hofb}sl7gf0{kl//x}f]
5 .



e'SDk cQ ; skl5 ckl' jf
c?nQfD}n] ; cfudgd
sg]afw gku] ; elg v'nf
tyf ; /lft : yfgda: g
nufpgxf] ; V 30f]ePsfntQ
; Sd] ; xolj / ; lawf
lbgxf] ; \.

efQrfn] af]Ng 5f8]sf] 5==

v66df knf:6/ nuPsf] /lt d}ro eP5 . eQrfn] c}p}f eQf
5f]fn]af] eQrf aNn aNn laxfg tNfsf]sf]Tdf ; l t x}slp ; sl ; fgl
cf g}f6f]hdf cQk}Uof] 5f]L ; e}jua ; af]L5 . eQrf]sf] ; /f
kxh] 3/ eTs}sf] s'f p ; n] t kkn]glalt ; s}f]lyof] ; f ; h}Q
5f]fn]Qeg}f]lyPg] klg of] eQrfn]n]
kxh]laxfg : s'n hfg' nu} . cf gl kTgl
c}Bp ; n]cf g}sf]sf] o ; /L c rfgs
l dndfalf]af6 b] vg la58Psf] / cGt d
uL p ; n}Q dg k}f alnf df p ; sf]
k6an vhf8lsf]hug d v ; Dd xg]gkPsf]
t : j/ 6f]sf] yof] . t/ eQrfn] ; f}f]6 of]
Tox 3/ cfh Wj : t v a/ k}P kl5
ePsf] b]vbf p ; sf] 5f]fn] dg yfg ; s}p
5f]fn] dg yfg ; s}p 5f]fn] dg yfg ; s}p
p ; n}Q of] ; k}f x}f]s 5f]fn] dg yfg ; s}p
lakgf x}f 56dfpg u}f] 5f]fn] dg yfg ; s}p
ef] . cf g}f]56df]6f]n]P/ a ;]sL xh' / cdfsf]
ef] . cf g}f]56df]6f]n]P/ a ;]sL xh' / cdfsf]
kl/ ofsf] ; Ks] ; dft] p}36s 36s ug{y}Nof]
gftL / Psf]l]v/ pgs] . gftL / Psf]l]v/ pgs]
dgdf klg eSsf]gf] dgdf klg eSsf]gf]
k6df . dQs}df eQrf]sf] dgdf klg eSsf]gf]
f}f]b}p}x : of8 kn: of8 dgdf klg eSsf]gf]
u}f cQk}Uof] eQrfn] p ; n}Q glalQs}cf gl kTgl / ; fgl
5f]Lsf]af]df ; /f]of] . t / p ; sf] ; f}f]
s}kl af]g ; s}p . p}wQ}t d}lg ; t k}f
x}f ? g n}Nof] eQrfn]w]s / u/kl5
p ; n]cf gl lbb] ; fgl e}f-hL / cf g}f]
kl/ jf]sf] af]df ; b}p cToGt b vb
; df rf / ; g}of] . lxf]lbpF]f]eQrfn]
c}p}f e}uf e}uf]af/bnL v ; j ; V t
30f] ePsl eQrfsl kTgl] lxf] ug{df hfB lbp . c}f}f]f]c}f c}f}f]f]
f/vL p} afas]f] vf]hL ug{ tD ; of] .
p ; sl cf df]n] lxf] / fl t w] 7fpff
rf]f] / cf g}f]kl t sf] vf]hL u/ slL yQg]
t / st} ; s}t k}Psf] lyPg . 3/
elTsP/ Toxkl/Psf]x}f]s eGg]cfzsf
alnolx}uPsf] yof] . p}PSn]eTs}sf]
3/df afas]f] vf]h tnf ; ug{ ; De j
lyPg . To ; j] d2t sf]nflu d}lg ; x?



e'sDk kŁsg ; S5 . k6s
k6s kŁsg e'sDk n yk
lft t k'vŁf. To ; ħj3/
jfeTs/ lsrG ; Sgja: t'
lġ v 69f /xgxġ/.

e0fġnfġsf7df8ġpkŁsf sf sġl 7hf
c:ktfnsf ejgx?df vf; 7hfġlft kŁofPsġ5ġ .
7fp7fpġ uf/fġ cŁnsłt rsġġbġvŁ5 . o;nġ
ubf{ol c:ktfnx?sfġpkrf/ ;ġdf afwf k/ġġ
5ġ . t/ sġl c:ktfnsfġk/fġġejg a9l lftuġt
ePsġ5 . o;/L c:ktfn ejg eġtsġ sf
lġ/fdŁx?sfġToxŁ+lsrP/ d[o' ;dġ ePsġ
5 .

kf6g c:ktfn / ;ġgs c:ktfndf
e0fġnfġsfġwssf dx; ; xġf; fy ; \$6sfnlġ ; \$
wġ -; f0/g_ ahf0Psġ/ aġf aġdf ugġul/Psġ
; \$6sfnlġ cEof; (Emergency Drill) cg; f/
; aġ; hu e0{; /lft : yfgtkġuPsġġTo: tġuDel/
lft xġ kfPg .

c? c:ktfnx?sf ejgx? 7fp7fpġ
rsġġ5 . e0fġnfġsfġwssf dx; ; xġf; fy cġQP/
htfttġefġg vġġbf sltko lġ/fdŁ, lġ/fdŁx?sf
cfkŁt / c:ktfnsf sdġf/Lx? n8ġ / lsrP/

3f0tġ ePsġ 5g\ . blif0tkġġdh 9ġsf aġb
/xġġġlxhfġeSDksġġaġf jġ/ c:ktfnaf6 eġġg
vġġġ?nf0wġġc; lġwf ePsġġlyofġ 3f0tġ? Noġpg
; lhnġġxġġvelg cġh aġn ofġ9ġsf vġġnPsġ5 .

sgġc:ktfnsfġsdġf/L cfġf; ejg
g/fdġL eġsġġ5 . t/ lbpġġġ; dodf e0fġnfġ
cfPsġġTo; df sfġl lsrġ jf kl/g kfPg .

vġġf ġlġs /xġf c:ktfn ejgx? sġl
nRsġ5g\ c:ktfn xtfġ leq 7fp7fpġ kfġl /
afnġf ġg:sġġ5 . Toxfġġg cġQP/ afġx/ ġg:sg
vġġbf sġl dġġg; g/fdġL 3f0tġePsġ 5g\.

; aġc:ktfnx?df vġġkfġl, lahlġ /
6ġnġġ; ġf cġ?4 5g\ . kf6g c:ktfn / ;ġgs
c:ktfnnġcfġgġhuġf Joġ:yfaf6 vġġkfġlġf/
hġ/ġ/af6 lahlġġf Joġ:yf u/ġġ5 . c?
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; sġġ5ġ .

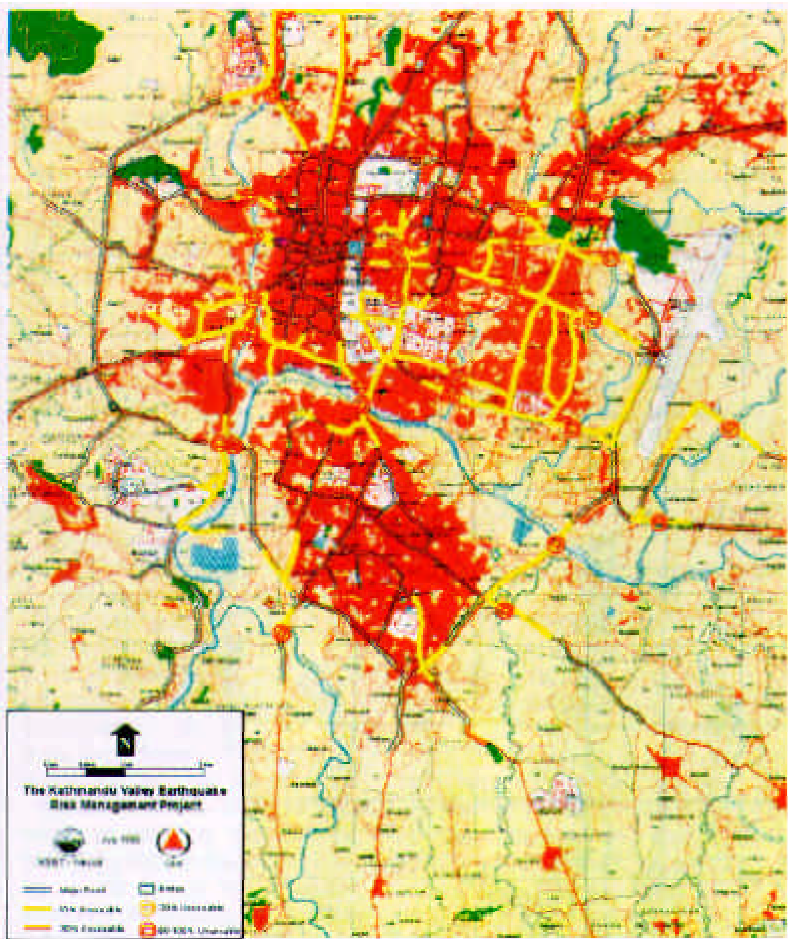
cfkġġxtfġ leq vġf 7fpġPsġ c:ktfnx?
-; ġgs, eStkġ, lzġf0f, kġ/L cfġb_ df kġn
xġnġ 3f0tġ la/fdŁx?nf0{ 6ġf6g /flv/xġġf
5 t/ tġ; aġf nġu cfġZostfġ;f/ cġġġ
cfġbġpgġlrlst; s; jf:yosdġcfġġw cfġb
kŁofpg wġwġkl//xġġf5 .

e0fġnfġsfġhfġbf/ wssfaf6 ; aġ; fġ
c:ktfndf /xġf cfġġwsw b/fh nufot wġġ
; fdġgx? 9nġ jf v; ġ ġġ; fġ ePsġ 5g\ .
To; ġubfġġg cfġġw / lrlst; f pks/0fx?sfġ
cefġ e0/xġġf5 . lġzġf u/L cġs; hg, /ut,
kġf:6/, PS; /cfġbsġhtfttġcefġ dx; ;
e0/xġġf5 .

af6ġġf l:yġt

sf7df8ġpkŁsfleqsf sRrġ kSsġ
; aġ; fġaf6ġdf e0fġnfġc; / kġ/ġġ5 .
sfġġj/ bġv sġltkġ; Dd hfġġ; 8s wġġ7fpġ
rsġġf / 7fp7fpġ vf8n ; dġ k/ġġġ
cfġfudg aġb 5 .

6ġvġ jġ/k/Lsġ; 8s kġg 7fp7fpġ
rsġġf5 . rsġġf7fpġ6 afnġf / kfġl
ġġ:sPsġġbġvŁ5 . To; nġubfġ; jf/L rnġpg
ck7bġfġePsġ5 . ; fy; 6ġvġ jġ/k/sġ
?vsf xġfx? eġġrP/ af6ġcġ?4 ePsġ
5 . o:tġebġfġnġbġv l; xġ/jf/; Ddsġ; 8s
kġg eġf; Psġġ; jf/L; fwg rnġpg g; lsgġ
ePsġ5 . ; 8sdġhtfttġkfġl pġnġcfPsġ



sf7df8ġpkŁsf sf sġl ; 8sx?dfxġ ; Sġ ; Delġt lft

afn]f lg:s]f] / vfN8f]k/}f]b]vG5 .

eSDkn] khx?nf0{ k]olf c; / k/}f] 5 . k/f]g]af6f]6 ;fg]l7dl hfg]af6f] /x]f] dgf]/sf]kh k/]eS]f]5 eg]gofaf6f]k]f] dgf]/f khklg c]fz s ?kdf lft ePsf]5. nlnrk/ tk] hfg] ykfyn]sf] k/f]g] kh nRs]f] xgfn] ; jf/L ;fwgx?nf0{g]f] u/L dflg ;x?nf0{dfq lx8g lb0Psf]5 . ykfyn]sf]gofFkhdf ; jf/Lsf] rfk a9g ;Sg]ePsf]PDah] ; bdsn ;f, kx/L, k]f;g ; f/ dflod / p4f/ bnsf ; jf/L ;fwgnf0{ dfq cfjjudg ug]lb0Psf]5 .

o; j/L sf]j/af6 kf6gtk] hfg] rqn]kysf]kh, l; gfdun]sf]kh, afnfhsf]kh, n8' hfg]kh / ux]j/L hfg]uf] 3f6sf]kh k/]eS]f] ; jf/L cf]t hf]t a6b 5 . uf]0f]hfg]kh c]fz s ?kdf lft ePsf]5 . ldg ejg tn tlgsg] ghssf]j]f]dtl kh / ;8ssf]hfg]df efl:; Psf] 5 .

vfg]kfgl

3/ 3/df vfg]kfgl]xfxfsf/ k/}f]5 eg]kf0k kf6] ;8sdf kfgl 5tf5Nn e0{x]f]5 . 3/sf]5tdf 6b]f sl xg]x?sf]klg clwsfz 6b]f sl v; }f] jf v:g]l:yltdf ku]f]5 . To; }h] hu]f kfgl s; ;u klg 5g . eQmk/ sf l/hEj]f / l66d]6 knfG6 lftu]t ePsf 5g\ o; af6 sfid lng slDtdf Ps dlxgf nflu] s/f vfg]kfgl]sf kf]j]wsx? atfp5g\ . To; }h]eQmk/ gu/af; lx? 7fpFfp5f 9u]wf/fdf 30f]nflu] ku]f]5g\ .

o; j/L gSv]f] kldkE :6]zg klg k/] lftu]t ePsf]5 . af] dxf]fn / afnfhsf]kldkE :6]zgnf0{ klg eSDkn] c; / k/}f]5 . laBt c]klt{a6b ePsf]ol kldkE :6]zgx? ; fng ug] kpf; klg ug{ ;lsPsf]5g . eSDksf] sf/Of sf7df8f]pQ/L e]sf hn e08f/x? rs] kfgl rlxgn]csf] ;d:of ylkPsf]5 . kfglsf 0gf/x? w]eTs]f 5g\ . sf7df8f]f 9u]wf/fx?af6 z?df kfgl wldnf] cfPsf] lyof] . kl5 s]l ; knf kfgl cfPsf]9u]wf/fdf w]7hf]30f]nfuf]5 . sxl+ sxl+klxn] ; ls; s]f 9u]wf/fdf klg clxn]kfgl cfpg ynf]5 . ;w]f/fdf z?df s]l wldnf] kfgl cfP klg kl5 ; knf kfgl cfPsf]6axn, lvrk]v/L, gofF;8ssf afl; Gbfx? / lxhf]/flt b]v 6l8v]hdf cf>o ln0/x]fx? clxn]7hf]; wofdf ;w]f/fdf nfd nflu] ku]f]5g\ .

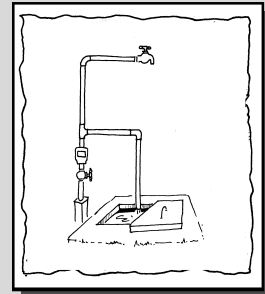
g]kn vfg]kfgl ; yfg / lghl l]f]sf

6b]f/ ; jfx? clxn]lgl:qno /x]f 5g\ 7fpFfp5f af6f]/ kh elTsPsf]kfgl]sf]dxfg; Dd ku] kfgl Nof0{ l]t/Of ug{ ;Sg] c]j:yfdf clxn] pglx? 5g\ . lxhf]/flt b]vg]v]hf 7fpFdf cf>o ln0- /x]fx?sf nflu klg clxn] ; a]e6b 7hf] ; d:of kfgls}ePsf]5 .

IjBt

lxhf] e0f]nf] hfg] la]Qs} sf7df8f]f clwsfz :yfgdf a6b ePsf]IjBt c]klt{cem; Dd ; fng ePsf]5g . e0f]nf]sf/Of sltko 7fpF IjBt lat/Of k]ffn. lftu]t ePsf 5g\ .

e0f]nf]sf/Of eQmk/ / nugv]hsf ; a :6]zg k/]lftu]t ePsf 5g\eg]sf7df8f]f ; a :6]zgx?nf0{ klg c; / k/}f]5 . zx/L l]f / u]dlOf l]f]df lahh]sf w]vDafx? 9n]f 5g\ sxl+ af]uPsf 5g\ . tf/x? l5g] af6f]f nlqPsf 5g\ . s]f]7fpF 6k; kld{x? vDafaf6 e0f]f v; }f] 5g\eg] sxl+em]NnPsf 5g\ . o; n]ubf{sltko 7fpF s/]6 ; 6{eP/ cfunful ePsf] / s/]6 nful dflg ; x?sf]d[o' ; d] ePsf]c? ; Def]j t b36gfnf0{/f]g g]kn IjBt k]ws/Ofn]g]sf7df8f]f pkTosf leq IjBt l]t/Of a6b ul/lbPsf]5 .



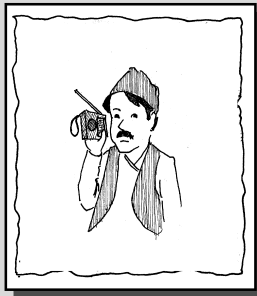
eQ]tNnfd] s]l kfgl hu]f /Vof] eg]kfgl] x]xfsf/ ePsf]af]df 7hf] sfd lbG5 .



;gl((! df s]l6f]/sdf eSDk h]f h dLgaf6 df6]afn]f kfgl af]x/ lg: s]fTox]5f] ;8sn]Qku]f]lft . olb 7hf]eSDk cfPdf sf7df8f]f pkTosdf klg o: t]lft xg ; Sb5 . ;fef/GO]cf/- dfQ



;fdGo s/fsgldf
QnkfngQo: t
g/vgxfj/.



Aof6af6 rNgj ;fgfj/l8ofj
;fydf/fvgj u/df e'sDk
h: tf ksfksj a/f df
hfgsf/LIng ;lh nlfXG5.

6Jnkfjg

e0f'infj]sf/Of 6Jnkfjg ;Jf klg cj?4
ePsfj5 . gkfn b7 ; #f/ ; yfgsfj ; Gw/f PS ; rJh
/ rfalxn PS ; rJhdf lft ku]fj 5 . t/ ToxfF
ddf ug{ ; ls65 . uftraPS ; rJhdf eg] a9L
uDel/ c ; / k/3fj5 . afnfh' gofahf/ ; fdfvzL
yfkfynL gofF; 8s, lqk/7j/ ; gofahfj/ ; sf67j/ /
l ; gfdan cflb : yfgsf clwsfE 6Jnkfjg sfid gnfugj
ePsf 5g\ . sltko 7fpff lahhlsfjgufj tf/ ; #
6Jnkfjgsf tf/ hJnPsf 5g\ . 6Jnkfjgsf
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e0f'infj]uPsf]nuQ]a6b ePsf 6Jnkfjg nf0gx?nf0f
cfh sJk dfgdf ddf ul/Psfj5 . sfid lb0/x3f
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k4/Ln]cfkngf]j]fsl6slaf6 ; #f/ ; Dks{ul//x3f
5g\ . lxfj cj?4 ePsfj ; jf]sf cfkng]6Jnkfjg
kffnl cfh ddf u/L ; #fngdf NofOPsfj5 .

vfB kbtyf/ ahf/

vfg]kfgl kl5sfj7hfj ; d:of ePsfj5 -
vfg3'/fsfj . 3/ eltsf 3/ leq ePsf vfBfg
kl/Psf 5g\ . clwsfz ahf/ a6b 5g\ . sJk lrh
kf06j . st}sJk kf0 xfn]klg efp tJ/a/ e6bf sd
5j . vfg3'/fsfjcefjdf sJfs6x?sf]lahfj ePsfj

5 . kl/kSj JolStx? t h ; f ; f] cfkngf] ePsf
vfk/x3f 5g\ . ePsf vkg g ; sl /fD/x3f
sJfs6x?nf0f{knfpg] sJ}pkfo 5j . lJBtsfj
cefjdf bWw lJsf ; ; yfg / c6o lgh. bWw Joj ; fol
sDkgLx?n]bWw pTkfbg ug{ ; sJg\ hu3fdf ePsfj
sJk bWw klg af6fj / kh eltsPsfh] lJt/Of xg
 ; sJg\ . cfjZostfsf]bfhdf hu3f bWw wJ}sd
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xg ; Sg]8/n]ubf{klg ; fj]hlgS ?kdf bWw laql
ul/Pg . oxL d3f 5fj/ sJk JolStx?n]bWw pTkfbS
sDkgLx?af6 bWw Nof0{a9L dNodf aJr/x3f 5g\ .
Ro'f, bnfdfj, nfvfd/L, rfp rfp h:tf
tof/L vfg3'/fx?sfj dfu cTolws a93fj
5 . o:tf vfg3'/f 3/df hu3f ePsf kl/jf/nf0f
sJk ; lhnf]ePsfj5 .

sf7df8f] dVo ahf/ ePsf]x6L, c ; g,
O6brf, lJk6L cflbsf kfol ; a}h ; f]3/-k ; n
lftu]t ePsf]joxf] sJklg k ; n vhf3f 5jg\
o ; af3f c6oq klg k ; n /x3f3/ eTs3f 7fpff
k ; n vhf3f 5jg\ . 3/ geTs3f k ; nx?df klg
 ; fdfg nl6g] cfzsf] Jofkf/Lx?n] cfkngf] k ; n
vJ]g]cfE ug{ ; s3f 5jg\ sJk Jofkf/Lx?n]s ; j]
gb]g]u/L ; 6Ss a9L dNo lNo{ ; fdfg aJr/x3f
5g\ . pkTosf leqsf lhnf kpf ; g sf0fnox? ;
gu/kfinsfx? / gkfn vfB ; yfgsf l8kf?sfj
 ; eQ kpf ; af6 7fp7fpff vfBfg laql lat/Of
ug]Joj:yf xg]ePsfj5 . t/ ofJoj:yf z?xg
l9nf0{ePsfh] vfg3'/fsfjcefjdf 56k6f0{/x3f
eSDk kl8tx? cw6{e0{x3f 5g\

cid ; #f/ dflod

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/ cJoj:yf ePsfh]cfh sJklg kq klqsf kpfiz t
xg ; sJg\ 3/ eTs3f]sf/Of sltko 5fkfvfgnf0f
klg c ; / k/3fj5 . lxfj lbpff e0f'infj hff
ljle6g : yfgdf sf0{t kqsf/x? dNo}sJk 3f0t]
klg ePsf 5g\ . ; lft /x3f kqsf/x? eSDksfj
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Jo:t 5g\ . lJBt cfklt{xg g ; s3fj/ klnrf3L
l:yt : 63gdf klg eSDksf]sJk c ; / k/3fj]gkfn
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dflod e0/x3fj5 . Aof6af6 ahfpg ; lsgj/l8ofj
/ ; fgf 6f6h:6/x? Jofks ?kdf kpfj e0-
/x3f 5g\ . xftdf ; fgf]6f6h:6/ lnpf dflg ; x?
htft t}b]v65g\ . /J8ofj gkfn] cfkngf] k ; f/Of
 ; do 5f6bPsfj5, t/ eSDk ; DaGwL ljle6g

efQrfn]afNg 5f8]sfj5 ==

h6pg tkf nUofj. t/ sf]kfgp<
 ; a}t/ To: t]joi / kl8f 5 . aNn
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lsrPsfj c j : yfdfp ; sf]afasfj nfz
k]nf k/] . nfz k]nf k/]kl5p ; sl cdf
5fj / k]nf k/] Ps k6s l]ojusjkl8fn]
56k6f0?g ynf. t/ o: t]ahkf
pgx?nf0f df k/]s]yP. To ; j] dfz
k5g pgx? klg aNno eP .

; wJukm ul/xg/ c?nf0f
x]Q/xg]eQrf ckn]nf0f h: tf]ePsfj
5 . pm sJk aNn, dfq 6JhQ/xG5 .
lxfj cPsf]eSDkn]p ; sfj ; j6fz ul/
lbPsfj5 . p ; sfj kl/jf/df ^ hgf lyP,
c j \$ hgf dfq aFSL /xj . 5fj / ; Vt
3f0fj5 .

p ; n]Ps 6qf hUufajr/ /
sJk k ; f ; f6L lnp/ tlg aif cl3 dfq
agPsfj3/ ckn]Wj : t ePsfj5 . olt
dfq xDg ToxL3/ leq k/] p ; sf]afasfj
d]o' ; d]t eolp ; n]Qk/3f]ahf
 ; xoiu ug/ ; /fnl 3/ ; d]t eTs3fj
5 . ; wJx]f s/f ug/ p]ofn] cxf/
ePsf / c ; f]o] h]f]l/nL p ; sl kTg
eSDksf]afToxL3/dfk/] dL.p ; sl
 ; f]hQklg of]khon]af6L /fvj .
afa / kTgsl] Ps] k6s

cGq7L ug]af]Wo tfdf k/3f]eQrf
ckn] ; a}t/af6 ; d:ofn]3/Psfj5 .

afasfj nfz c]fgdf n8Q
/x3fj5 . t/ sJk u7ofx? sxFva/
ug/ ; lsPsfj5 . va/ ug/ hfj/ va/
kP/ c]pgj : ylt df sJk klg 5jg\ .
To ; j]u7ofx?nf0f gkvL ; a3fj ; Nnx
cg ; f/ bQ tlg hgrs] d2t njp ; njklg
cf g] afasfj nfz nf0f h ; f]t ; f] 36
k]ofoj . nfz nf0f c]f]pg sf0f] k]CPg .
cl3 3/ vJtNof k]nf k/3f]t Ggfn]g]
afasfj nfz 5fj p ; n]3f6df k]ofoj .

afasfj nfz 5fj p ; n]3f6df k]ofoj .
3f6df nfz? ylkPsf 5g\ . nfz hnpj
bfp/f / 7fp5fj cefj 5 . cGq7Lsfj
sd]s08 u/fpg k/]fx t 5jg\ . nfz?sfj
 ; fdxs bix ; #sf/ ug]s/]r ln/x3fj
5 . p ; nf0f sf k]xn]t s ; f]s ; f]
ck7f]nfUofj/ k]5L : ylt x]p ; nf0f
df]7s]klg nUofj ; fdxs bix ; #sf
/df cf g] afasfj nfz nf0f v/fgl
kf/L ; sf pm kTgsl]nfz nf0f klg
v/fgl kfg ; /fnl t k]nf nUofj .

ca eQrf]sfj3/ 5j, afa5j,
kTg5g . cdfnf0f ; f]r]gr]bg ; s]sfj
5j 3f0f]5f]sfj/fd]x] larf/ ug/
 ; s]sfj 5j . ukm u/ s]bNo] gySg]
eQrf ckn] sJk aNn, dfq 6JhQ
/xG5 .

hfgsf/L / ;'rgfx? af/Daf/ k;f/Of ul//xšf]5 .
t/ o:t]cj:yfdf s:t]lsl;dsf ;Gbzx? cfd
hgtfnf0{lbq' k5{eGg]af/]k'}{tof/L gePsfh]
/J8ofšf sfoGnd ;#fnsx? cndln0{xšf 5g\ .
;a]hgf ešDk ;DaGwl yk hfgsf/L kfgp
rfxG5g\ To;h]/fli6o ;dfrf/ ;ldlt, /J8of]g]kfn,\
g]kfn 6]nlehg nufot ljleGg :jbžl tyf labžl
;#f/ dflodsf ;dfrf/bftfx? ešDka6 pkTosfdf
ePsf]lflt af/]hfgsf/L ;šng ug]sfoGf Jo:t
5g\ . t/ cfjfdg cj?4 ePsf] 6]nkrf] ;j
grnšf]/ cflwsf/s ?kdf kqsf/x?nf0{hfgsf/L
lbq] lgsfox? alr ;dGjo gePsfh] l56f] l56f]
hfgsf/L k'kt xg ;ls/xšf]5g\ .

o:t]cj:yfdf /J8of]af6 dgf]-hgk0f]
;fellt sfoGnd kžf/Of ug]{plr t gxg]ePsfh]
wldš ehgx? / hgdg;nf0{lj kbsf]a]hf wšf]
wf/Of ug[k];flxt ug[k] rgx? kžf/Of e0{xšf
5g\ .

bfx ;šf/

ešDkdf k/L d[o'ePsf JolQnx?sf]bfx
;šf/ ug]sfo{clxn}oxf]Ps 7hf];d:ofs]?kdf
v8f ePsf]5 . htftt]nfz b]vG5g\ t/ nfz
p7fpgsf nflu sfq];d] pknAw 5g\ . To;h]
3/df ePsf]tGf, kbfcflb hg;š}sk8fnf0{klg
sfqšf]?kdf kšf] ul/g yfnšf]5 . bfx ;šf/sf]
lalw u/fpg]k/f]x?sf]cejf 5 . To]eGbf klg
7hf];d:of nfznf0{3f6;Dd kšof0]bg]dnfdlx?,
nfz hnfp]7fp7 bfp/fsf]5 . kzklt cfošf6,
sfndf]g, zřf eu]tL, Ocb]oOf, laiOfd tL, xgdg
3f6, zvdh cflb ;a}3f6df nfzx?sf]le8 nfušf]
5 . ;fdlxs bfx ;šf/ u/fpg'cToGt h?/L 5 .
t/ To;sf nflu ;DalGwt kl/jf/x? dfgl;s ?kdf
tof/ 5g\ t]klg škl kl/jf/n]:yltsf]a]ltofnf0
b]6ut u/L ;fdlxs bfx ;šf/ u/fp .

hgdg;sf]cj:yf

of]k hosf/L ešDkn] ubf{sf7df8f}
pkTosf]hgdg; eofqmf]t ePsf]5 . ešDksf]
rkšf]df k/šf k]oš kl/jf/df ?jaf;L e0{xšf]
5 . s;h]f0{cf'g]kl/jf/sf];b:o ešDkdf k/L
d[o'ePsf]rř 5 . s;h]f0{hljg e/Lsf]sdf0
nufP/;Cof u/] agf]Psf]3/ Ps lgd]d]w/f;fol
ePsf]df c;x0 e0{xšf]5 . sf]kl ol bā}a]gdf
k/L ;xg g;s] dfgl;s ;Gthg udfpg]:yltdf
;d] kušf 5g\ .

ljgzsf/L ešDkn]wldš tyf k'ftfl]js

dx]jsf :ynx?nf0{;d] afšL /fvšf] 5g\ .
pkTosf]j;lx?n]lxhf;Dd x/š lbq khf ug]
kl/qdf ug]u/šf sltko d]Gb/x? clxn]etfe
ePsf 5g\ . of]b]y] dflg;x?sf]dg}e/E ePsf]
5 . xfn}hlOf]f/ ul/Psf d]Gb/ / :df/sx?nf0
eg]w]lflt kušf]5g\ .

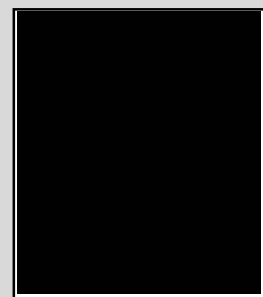
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of]lj kbsf]a]hf ešDk kl8t kl/jf/nf0{c:yfol
a;f]f; u/fpg, pkrf/ lzlj/ v8f ug{/ cG
cfktsfnlg Joa:yfkg sfošf]nflu 7hf];d:of
e0{xšf]5 . vhf 7fpFdf;] 3/ lgd]f ug]?
oltv] g/fd/L k5tf0{xšf 5g\ .

Ps xtf kl5

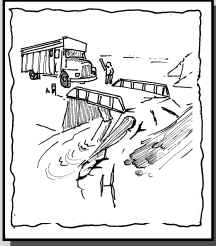
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vkšf]Ps xtf eof] . of]x]tf e/L gjo; pkTosfdf
cGofh, qfz / ljof]usf]jftfj/Of 5f0{/xof]. ce]
klg a]hf a]hdf xnšf sDkgsf]cgēj e0{xšf]
5 . ol sDkgx?n]yk lflt kšofPsf 5g\ . df3]
em/Ln]eig ;d:of yklbPsf]5 .

clxn]Dd ;š]nt kl/Des tYof]cg';f/
ešDka6 o; pkTosf leq s/La #) xhf/ hfgsf]
d[o'ePsf]/ *) xhf/ hgf eGbf a9L ;Vt 3f0[
ePsf]s'f kq klqs / ;#f/ dflodx?n]lbPsf
5g\ . t/ sltko dflg;x? lfltsf];wof of]eGbf
a9L xg ;Sg]atfp5g\ . o;h/L sfd gnflg]u/L
k/}llj:t ePsf 3/x?sf]klztz sf7df8f] ^),
nlntk/df ^), eQmk/df &% / k/}sf7df8f]
pkTosfdf cf;t ^) klztz /xšf]cgdfg
ul/Psf]5 . o;L elTsPsf 3/x?df clwsfš @
tnf eGbf a9L cUnf / slšb lkn/n]agšf 3/x?
k/šf 5g\ . d[o'ePsf / ;Vt 3f0[
ePsf dflg;x?sf];wof 7fpFf]k]k/L yfgdf n]yfp]
Jo:jyf ul/Psf]5 . t/ lfltsf]lj/Of ;šng ug]
j]lflgs t/Lsf yxf gePsf]sf/Ofn]lfltsf]oyfy
lj/Of l56f]k'kt xg ;šf]5g\ .

of]dxfešDkn]sf7df8f]pkTosf af]x/
klg lgs}lflt kšofPsf]va/ k'kt ePsf]5 . 7fpF
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/fhky k/}ačb ePsf]5 eg]k]jl /fhdfu{/
c/lgsf]/fhdfu{klg laleGg 7fpF lfltu]t ePsf]
5 . o;n]ubf{af]x/af6 ;dfg Nof0{pkTosfdf
cfklt'ugdf l9nf;:tl e0{xšf]5 . ešDkn]
pkTosf j]l/k/Lsf g]fsf], wflbE, sfeknf-rř,



ešDk jf c? kšf]k ePdf
tTsn kof]u ug]cf g]
kl/jf/sf nflu sDtlDf@š
3of;Dd klq]u/L glau]
vfgs'/f kgl cTo]Zo s
cflw, kfyld s pkrf/
;fdul 6 r'ncG dg alQ
;n]Qofda6 rNgj;fg]
/Bof]cflb;š6sfng
;fdul tDt of/ c j:yfdf
;a]h]bvg/ e6g 7fpF
/fVgxj;L



e'sDk cP k15 ; 8s / knx?
sdhij xgjePsfj7hf ; jf/L
;fwgx? r nfp lg xbg .



s'g'klg k15 d d{t ; Def/
ubfJolQu t eGf c:ktfn,
p4f/ lzlj/, kx/L r fsl cfb
;fj hlg ; +yfnQ klnj
kyld s tflbgk5.

l;Gwkfnrfb cfb lhNnfx?df klg Jofks c;/
kf/3fjyxf ePsfj5 .

e'sDkaf6 Ifltu't ePsf sltko
cTofjZos ; Jfx?nf0{ofjPs xktf leq dd{ u/L
sxl dfqdf sfid rnfpg] / af6f?af6 ykf]x6f0{
af6f]vhfpg]sfid ePsfj5 . t/ elTsPsf khx?
kbl lgdf? e0{ ; s3f 5bg\ . sxl kfgl k/klg
lxpEsf]ahf ePsfj]vfhdf wj]kfgl 5bg\ . To ; j]
c:yfol Joj:yf u/L vfhaf6]cfj t-hfj t ul/Psfj
5 . 7fp7fpErf r s3f dh ; 8sx?df klg ; dfbo
dd{ u/L sfid rnf ul/Psfj5 . cTofjZos
sfidd afx3 ; jf/L ; fwg kpfu ug[glbg]glt
ckgf0Psfj5 . af6f] / khx?sf]cj:yf clxn]
gh's ePsfj]laifz u/L 7hf dfb/x?nf0{ / f3
nuf0Psfj5 . dfb/sf]bfErf ; f06n, dfb/ ; f06n,
l/S ; f a9l rln/x3f 5g\ . ;fj hlg oftfof ; Jf
cei]rn3fj5bg\ .

vfgkfglsf] cfkl't{ k0f?kdf xg g ; s]
klg e'sDk uPsf]efln kN6sf]bfErf clxn]sxl
; wf/ ePsfj5 . vf ; u/L 6bf3/x?af6 7fp7fpErf
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lj t/Of xg g ; s3f]kfgls]nflu klg sltko 7fpErf

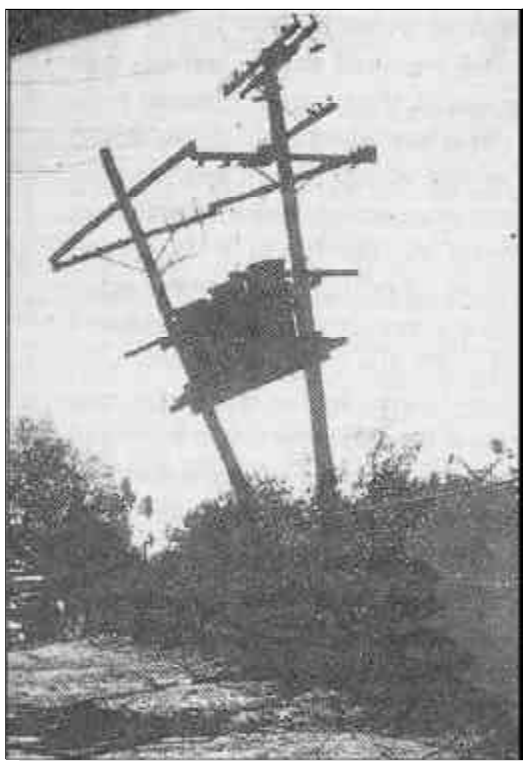
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; dfbo dd{ u/L sxl dfqdf kfgl lj t/Of ul/Psfj
5 . t/ klg pkTosaf ; lx?n]ofjxktf e/L gxfgj
/ nuf wbj]sfid u/3f 5bg\ hf8f]df]d ; d ePsfj]
To ; sf]cfjZostf klg Tolt dxzZ ul/Psfj5bg\ .
lqnofkblx?n]klg hf8f] / kfglsf]cefj b3]sf/Ofn]
ubf{b0{ du kfglaf6}cf'gf] : gfg l ; wof0{ / x3f
5g\ .

ljBt cfkl't{klg ; a3f7fpErf kg:yfkg
e0{ ; s3fj5bg\ . t/ sxl 7fpErf tf/ , vDaf, 66 ; km-
d{ cfb dd{ u/L ; Dej eP ; Dd ljBt lj t/Of
ul/Psfj5 . o ; /L ljBt ; Jf lbaf JolQu t 3/
x?nf0{eGbf c:ktfn, p4f/ lzlj/, kx/L r3fL,
;fj hlg : yfg cfbnf0{kfyldstf lb0Psfj5 .
pkTosaf ; lx?n]6rfnf06, d3aQl, 6Sl, nfnlg
cfbsf]Jofks kpfu ul//x3f 5g\ .

6lnkrf ; Jf klg ; a3f7fpErf kbl ; fng
e0{ s3fj5bg\ . t/ cTofjZos ; Jf h:t}c:ktfn,
bdsn, kx/L ; jf, ljBt, vfgkfgl cfbnf0{6lnkrf
; Jf pknAw u/fpg tbf?stf ckgf0{dd{ sf0{
ul/Psfj5 .

c:ktfnx? ofjxktf e/L g3cTo6t Jo:t
/x] . t/ 3f0{eP/ cfpg]la/fdx?sf] ; wof clxn]
363fj5 . sltko 3f0{3x? c:ktfn / lae6g
c:yfol pkrf/ lzlj/df pkrf/ u/L 3/ kNsf s3f
5g\ . t/ sltkosf]hljg cei]vt/fdQ e0{ ; s3fj
5bg\ . o ; qiddf sxl ; Vt 3f0{3x?sf]pkrf/ ubf{
ubf{d[o'ePsfj5 . 3f0{3xg?df clwsfz 6psf]df
uDeL/ r3f nflu? 5g\ . e'sDksf]ahf eflg vfhbf
sf]L jf afb]udf /fv3f]udnf / 5tsf]6bfL
cfb v ; Jf 6psf]df nful dg? klg 5g\ . sltko
d3ssf]z/L/df st}klg r3f e6Pg . e'sDksf]
qfzn]x3of3f eP/ pglx?sf]d[o'ePsf]egl
8fS6/x?n]7x/ u/3f 5g\ lr ; f3f]sf/Of clwsfz
dfg ; x? Hj/fj ?3f, v3fL cfbaf6 ul't ePsf
5g\ .

kf6g c:ktfn, ; }gs c:ktfn,
lzlfof c:ktfn, eQnk/ c:ktfn, kx/L c:ktfnsf]
xtf leq kn xfnl ; fng ul/Psf pkrf/ lzlj-
/x? clxn]klg oyfj t rln/x3f 5g\ . t/ knx?sf]
; Vt cfj clxn] ; a3c:ktfnx?df v6ls/x3fj
5 . nugv3 l:yf dfgl ; s c:ktfndf wj]lft
ePsf]dfgl ; s /fjlx?nf0{fvg Toxfkfgl knx?s]
kpfu ul/Psfj5 . ; fy]e'sDksf]sf/Of dfgl ; s
; Gthg udfPsf la/fdx? klg lgs ; wofdf ylkPsf
5g\ s/la \$) z3f]lfdtf ePsf]o ; c:ktfndf



; gl (& sf]e'sDkaf6 ; eQn/ho cdl/sfsf]
Sofnk]p3f]df lahhLsf vDaf / 6G ; km/d/x? o ; /L
lft t ul't ePsflyP . ; fef/ : 6Gj'ul ; sng O(c/ ; l
Sofnk]p3f]ljZj ljBfno

o;/L dfgl;s /fjlx? Itj|?kdf ylkPsfj/ ejg
klg IfltePsfj Hofb} 7hfj ;d:of v8f ePsfj
5 . To; }jofj c:ktfn o:tf cNksfnlg dfgl; s
la/fdlx?nf0{egf{gu/L 3/}knsfpg afll0 e0{x}sfj
5 .

lghl Ifjaf6 ; #fInt c:ktfn / gl;f
xjdx?df klg eSDkaf6 3f0{f}xg}sfj; Wof k; :t
5 . sltko o:tf lghl Ifjaf6 c:ktfn / gl;f
xjdx? klg eSDkaf6 Ifltu|t ePsfj}k0f{f}dtdf
;rf? ?kn} rNg ; s}sf 5gg\ . c}fjwL / :jf:Yo
pks/0fx?sfj cefj ; /sf/L / lghl ; a}
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ljbxZL effifdf njvPsf c}fjwLx?sfj k}fjhg lrgj
To:sfj/fd}jpkofj ug; ; Sg}hgZlQnsfj cefjdf
c}fjL effif afx} c? effifdf njvPsf yk}c}fjwLx?
ljleGg c:ktfnf cknq kl//x}sf 5g\egj3f0tj
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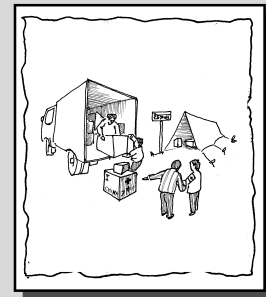
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sf0f}o, gu/kfnsf / g}kfn
vfB ; }f}gsfj; 0Q k}f; af6
7fp7fp}f vfB}g laqL ugj
sf0{hf/L g}x}sfj5 . o; af6
eSDkkl8t pkTosfaf; lx?nf0{
s}kl /fxt kl}sfj5 . g}kfn
pB}fj afll0Ho dxf; } , g}kfn
RofDa/ ck} sdz{ /f}L Snj,
lnof}Sna, nfoG; }Sna, df/jf8L
; }f ;ldlt nufot laleGg
k}tli7t Pj+; DkGg ; }
; }f}x?nj7fp7fp}f :jOR5fnj
vfg}f/fx? af}sf 5g\ . o;/L
vfg}f/f af}sf?nj laz}fu/L
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u/}sfj b}v65 .

cfh b}jv b}w
ljt/Of ; }f}g nufot c}o b}w
Joa; fol ; }f}af/f pTkflbt s}kl
b}w ahf/df lj t/Of xg yfn}sfj
5 . o; nj klg afnafnsf /
af}sfjcf+ / ;fpg 7hfj ; xofj
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ePsfj5g\ .

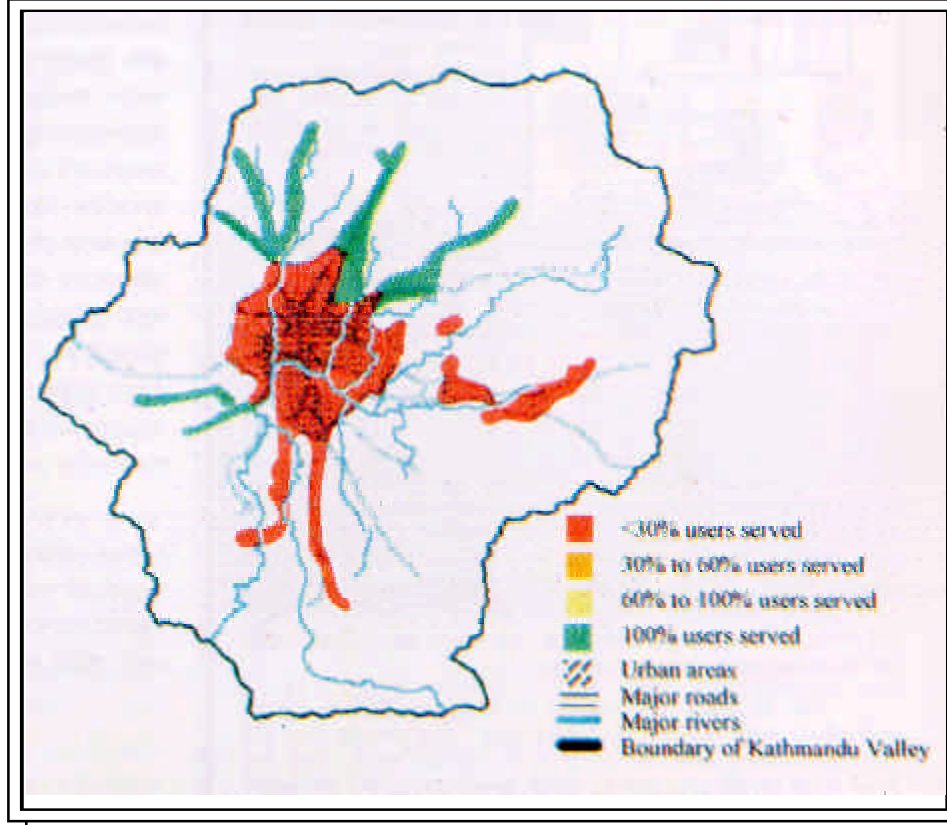
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3/df kl/Psf ;fdgx? lgsfNgj/ ; Dej eP;Dd
ltgnf0{; }fNgj}sfid u/}sf 5g\ .

eSDkaf6 3/ Ifltu|t ePsf xhf/f}
dfg; x? c:yf0{f}zlj/x?df cf>o ln0{x}sf 5g\ .
o; sfntlu ljz}fu/L ljBfno / SofDk; ejgx?
k}fj ul/Psf 5g\egj s}kl vNnf 7fp7fp}f klg
kfn, knfli6s, h:tf k}tf cflb k}fj u/ c:yf0{
cf>osfjJo;:yf ul/Psfj5 . t/ ; a}l}zlj/x?df
vrfvrle8 5 . sg}klg kl/jf/nj kof}t 7fpF
k}pg ; s}sf 5gg\ ol l}zlj/x?df kfgl, z}f}fno /
; / ; k}f0{f}f/fd}jJo;:yf xg ; s}sfj5g\ . hf8f}sfj
df; d ePklg k}fj/nj ubf{le}f k}nPsfj5 . To; }j
sltko dfgl; x? la/fdl ePsf 5g\ . df3}en/Ln}
ubf{o:tf c:yf0{cf>odf a:g}k?nf0{e}g ; d:of
ylkPsfj5 .

:jbxZ / ljbxZaf6 laleGg p4f/ tyf
/fxt ; fdu}x? c}fpg yfn}sf 5g\ . o:tf ; fdu}x?



c}fjLsf clt/Qns c?
effix? klg hfGj
dfg; x? s}klx}n}d vG
k}xrfj u/df ljbxZaf6
; xofjy} dPsf c}fjwLx?
c}fjwLx? v} hfGg\ .



ofjgSznj 7hfj eSDk cPsfjPs x}tfkl5 sf7df8}pkTo sfdfw/f}sfj kfgl lj t/Ofsfj : ylt b}jv65 .



eITsPsf 3/ leq hE: jo+
;j;s ;bf k/Ln]cfkbf; /fif
t k[klg Wofg lbg' k5; o: t]j
sfd ug; an]xndf nuP/
sfd ug[w]ajz xG5.

;sng u/L Ij t/Of ugdf s]blo b]L kpfk p4f/
;ldlt ;lqno /xsf]5 . o; ;ldltsf; d6jo /
lgbzg c6tu; lhnf b]L kpfk p4f/ ;ldlt,
gkfn /Bq; ;f; f06L, zfxl gkfn; ;f; gkfn
kx/L nufot laleG lgsfox? kl/rfng ul/Psf
5g\ . /fxt ;fduI Ij t/Ofdf ck]ff ul/P cg;f/-
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klg lbg]/ ;xofu ;sng ug]n]klg h]klg lng]
ubf h]l ?dfnx? yk]ylkPsf 5g\ t/ oltv]
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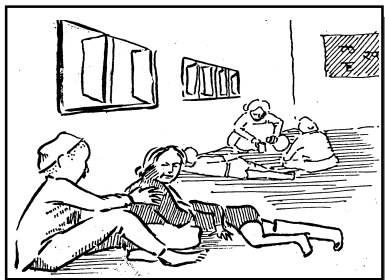
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klqs @ k[7, sg]klqs \$ k[7 dfq kpf]zt
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sf/L / ;'rgfx? ahf ahf]df k;f/Of ul//xsf]5 .
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klg 6]n]sf c? ;f]lx? ;t; ;f]sfof] h]qsf 5 .

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5 .

o; }a r ; +b s f j x p h j c l w j z g a : o f j . t /
e \$ D k a f 6 ; +b e j g k l g l f l t u l t e P s f j j o ;
k 6 s s f j c l w j z g j l / l b j c g t / f i 6 o ; D d h g s j b b f
a : o f j . o ; c l w j z g s f j d h l j i f o o f j d x f e \$ D k d j
s j b b t / x o f j . e \$ D k k l i 8 t x ? s f j p 4 f / , / x t n u f o t
C o f ; l j w f , e j g t y f c 6 o e f j t s ; + r g f s f j l g d f f
P j + k b l g d f o f c f l b a f / ; +b c l w j z g n j l j l e g
l j w p s / g l t x ? k f l / t u # o f j . g k f n e \$ D k h 6 o
l f g d f / x s f j 5 e g j ; a n f o y x f x b f x b j k l g o ;
k l t k j { t o f / l s f p k f o x ? g c k g f o P s f j / l g d f f
s f o f n f o { j o j l : y t u / f o { e \$ D k h : t f k f s [t s
k b f k a f 6 h g w g n f o { k g { ; S g j c ; / x ? ; s j D d
G o l g s / o f u g i t k i { ; d o d j 7 f j k f o f g r f n b f f
; + b d f ; / s f / s f j s 6 ' c f n f j g f e o f j . ; / s f / n j o ;
d x f e \$ D k n j s f 7 d f 8 f j p k t o s f / j l / k / l s f l h n n f x ? d f
u t @) j i f d f e P s f j e f j t s l j s f , n f o { g i 6
k f l / l b P s f j : j l s f / u b i c a k f s [t s k b f k n f o {
k y l d s t f l b o j l j s f ; , l g d f f / h g r j g f s f l f g d f
t t s f n l g , c n k s f n l g / b l w s f n l g g l t c k g f o g j
k l t a 4 t f ; b g ; d l f h f x j u # o f j .

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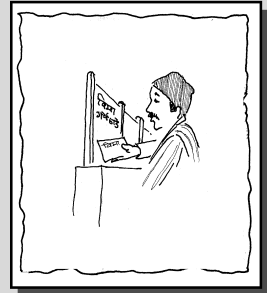
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xg ;S5.

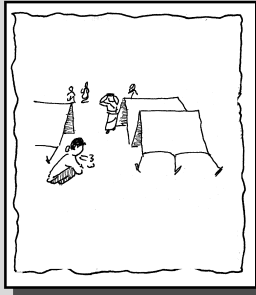


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;fef/ ; 1unf klqsf jiS c\$ @!((#

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h?L5.



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To ; j]6bf /af6 kfgl afBgg/ 9E]wf/fx?af6 kfgl
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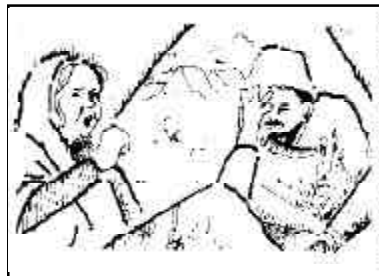
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; #fng ug{yfn ; s3f
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efQrfnfQ l/ ; p7sf]5



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ubf l r ; f] a9s] 5 . l r ; s]f]
sf/Of ?3f v3f, Hj /f] /
lgd]gofaf6 3/ d]fg ; x? u : t
ePsf 5g\ . s3fs3x? Zjf ;
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b]v/ ; g] klg efQrf]f]d g 565 . p ; n]3/ agfpg]cl3g]ol ; a]s/f]f]
hgsf/L eO lbPsf] eP m klg To ; L g] 3/ agfpg] / To ; L 3/ agfpg
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ePp ; s] 5f]f o ; L 3f0{]xg]lyPg . p ; s] 5f]f sf ; fyLx? s lf leq]d g]
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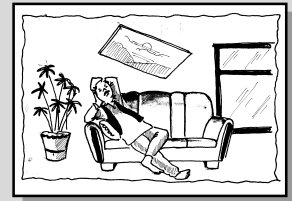
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h6šfj b}bf :yfglo jfl; Gbfx? 5Ss k/šf 5g\.
eŠDknjNofPsfjcfkb-ljkbdf pglx?n}u/šfjlg:jfy{
:jo+; jfnjubf; dfhdf pglx?sfjJolQitj / dxTj
crfgs a9g uPsfj5. o; #/L kx/L /; lgs; #
; s; Dd 6f9}/xg ?rfpg? klg p4f/ sfof
kx/L /; lgsn} b}fPsfj cbDo ;fx; sfj sf/Of
pglx?nf0{cfngjkl/jf/sfj; b:o ;/x dfjg yfnšf
5g\ laleG; fdfhs; #; #yfx?n}klg o; kfln
; dfhdf cfngjcljTo ;flat ugjdfšf kfP.

; /sf/n}klg cfngjlfdfn}EofP ;Dd
eŠDk kl8t sf7df8fjpkTosfjff; lx?nf0{
/fxt /; xofj kfof0{xšfj 5. hgtfnjofjs/f
dxz; u/šf klg 5g\ t/ sxl; /sf/L lgsfox?
/; fjjlgs dxTjsf laleG; #yfgx?n} eŠDk
cfpg' cl3 g}; Defljt eŠDk kl8t lfof lb0{kj}
tof/L gu/šf sf/Of clxn}rfx}h:tfj/fd/L sfo{
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5.

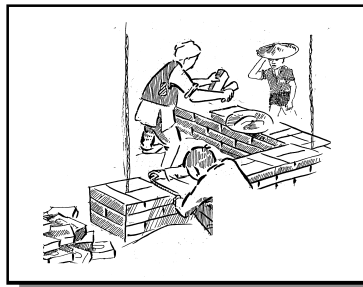
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k65fpgjsfd xg ; sšfj5g\ To; j}pkTosfsfj
7fp7fp8f 06-df6fj; d}6sf ykx? b}v5g\ dVo
; 8ssf o:tf ykx? dfj x6fpgjsfd ePsfj5.
3/ leq klg sxl-nfj 9ln/xšfj sxl-ling v; šfj
sxl-#; d}6sfj:nfj r}l6Psfj b}v5. dfjg; x?
cf-cfngjelTsPsfj3/af6 gofF3/ agfPsfj
nflgjsf7kftx? sxl kf065 ls egj a6Nb}5g\.

sfofho, lzlfno, pBfj, Jofkf/ cflb lfgdf
k}fj t sfid xg yfn; sšfj5. efg k'}elTsP/
kgllgdf e}g; sšfj ljbnox?df kfn xfn} k9fpgj
sfid e}xšfj5. vfgkfgl, ljbT, 6lnkfj; ; 8s
oftfof, c:ktfn, ahf/ cflbsfj c:jydf w}j; wf/
e0f sšfj5. sf7df8fj/ nlnT-k/df vfgkfglsfj
; d:of clxn}w}xb; Dd ; dfwfg e0f sšfj5. oxwF
s/La &% kl8tzt :yfgdf vfgkfgl lj t/Of eŠDk
hfg' cl3sfjlyt df klu; sšfj5. t/ eQm'k/df
egjs/Lj %) kl8tzt hgtfnf0{dfj vfgkfgl pknAw
xg ; sšfj5. ut ašfv / h}df sf7df8fj-
pkTosfdf kfglsfj7hfjxfxfsf/ lyofj. eŠDksfj
sf/Ofn}vfgkfgl lj t/Of k}fnnl lftul't ePsfj; d:of
dfly ; Vvf df; dsfj sf/Of kfglsfj cfkl't{xg
g; sšfj}csfj; d:of ylk lbPsfjlyofj. t/ clxn}
jiffdf z? e0; sšfj}kfgl cfkl'tdf sxl; xhtf
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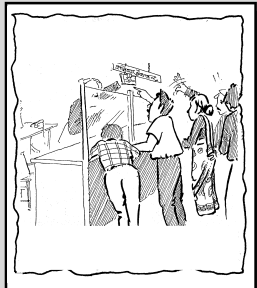
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; fdfg nfo{tNn}v08df/
xn'sfnfo{dYnf} v08df
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glh s 7hf kngf /; Pgf k}6fj
alQk+vf dlb
g/Vgxfj; \.

efOrfnj hful/ 5f8ofj



ofj dxe'sDknj
sf7df8fjpkTosf-
jf; lx?sfj hlijgdf7hfj
kl/j tg NoQbPsfj5.
eŠDkdf kL dgk? t
d/ uQxn}. aRox?
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afr x6g. tL dWojPs
hgf eOrf klg 5.
e f O r f n }
eŠDka6 cf gfafa/
kTg u'dfPsfj cfh ^

dIxgf eol. ofj^ dIxgdfp; sfj hlijgdfw}kl/j tg cfof. dVo
s/fj; n}hful/ 5f8ofj pklxnfPs ljQo sDkgldf; fgl: t/sj
sdf/L lyofj. ljQo sDkgldf ar t ugk?n} eŠDk kl5 cly/s
; 6df kL cf cf glar t wg lkmfj nP. sDkglnj Cdf u/sj
nufg klg eŠDksj sf/Of c; nLxg ; sg. To; j} sltko ljQo
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k/ofj. cly/s ; d:ofsfj/Ofp; sjsDkglnjs df/L ; vofdfJofks
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t/ eOrf vfnLxt a; j. eŠDk uPsfj b}fj dIxgf b}v g}
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nlu cfjZos hgziQn/ lgdf; fdu slj7hfjdfu eol. eOrfsj
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Pof; lkn' 8s d}lyofj To; j}eOrfnj klg ljQo sDkgLsf hful/
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sfid gkQ vfnL a:g k/Lg. o; } alr ; /sf/L lgsfox?



e'sDk kl8tx?nf0lj t/Of
ul/gj COf klqof /n xg
h?/L 5. cGoyfI; wf; tbf
dlfg; x? oJ; ljwaf6
a-r t xg; S5g.

kf0Psf]5 . o; n]/f/ Aoflw kñhpg]8/ 5 .

o; /L ljbT ckl't{df klg lgs} ; wf/
cf0f s5f]5 . sf7df8f/ nlnrk/df ljbT ckl't{df
l:ylt eSDk k]5f] c]y: ydf klu; s5f]5 eg]
eQk/df klg w]]h; f]l f]df ckl't{e0f; s5f]5 .
6]nkrf] ; jf klg pkTosfsf] clwsfz efudf
kg:yfkgf e0f s5f]5 .

pkTosfsf ; 8s offtoft kOf {?kdf
rln; s5f 5gg\ t/ dVo offtoft h; f] ; f] ; fng
ePsf] 5 . sf7df8f] eQk/ 6kna; ; jf kg]
; fngdf cfPsf]5 . o; n]klg pkTosfsf]hghljg
; fdf6o xB] uPsf] dxz'; ug{7hf] ; 3fp kuf]5
5 . lftu|t kh / ; 8sx? klggdf sf0{k/f
e0f s5f]5g .

3/ / sf0fno ejg cflbsf] klggdf
sf0f]sxl ult lnPsf]5 . t/ lgdf f] ; fdu|x?sf]
cefj]n] ubf{ ; a]h] rfx]cg'; f/ sfd z? u/fpg
; s5f 5gg\ . t?6t}kg]lgdf / gj lgdf xg
g; Sg]cfj; f]x?df bl3f]nlg c:yfol cf>o
lzlj/x? agsf 5g\ . h; df cf'gf] 3/ kOf f]
Wj: t ePsf xhf/f]kl/jf/x? cf>o ln0/x5f 5g\ .
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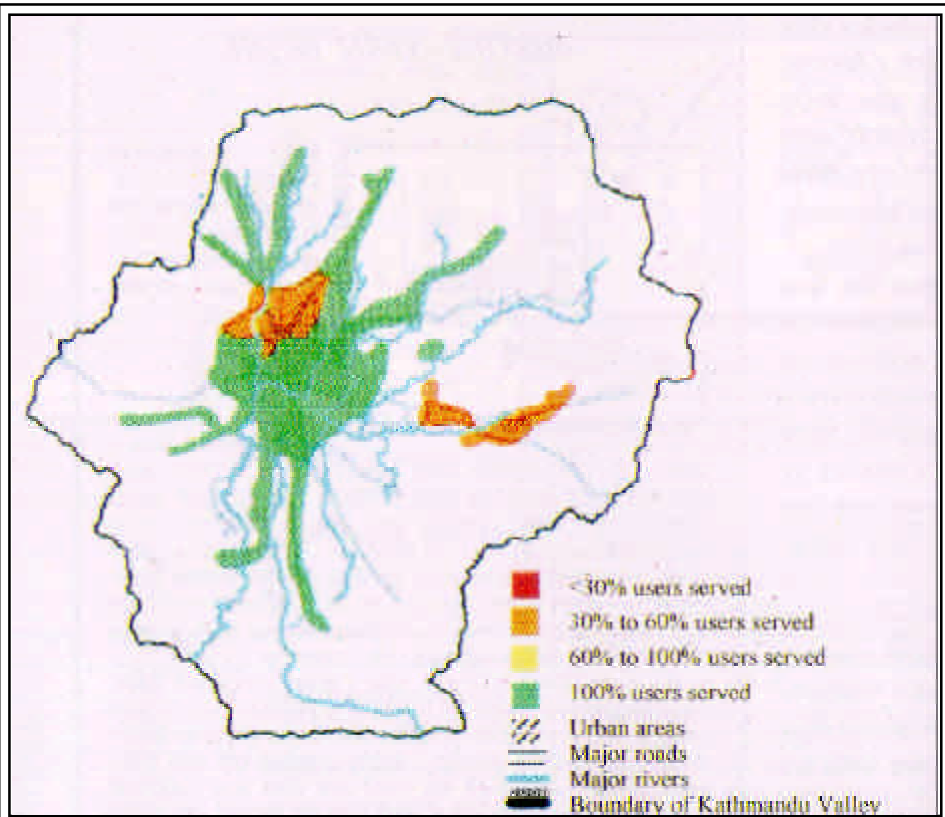
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; /n gePsf]ubf; f] ; jg ; lg65 . COfsf]nflu
kzf; flgs klqof k/f ug{sl7gf0{e0/x5f]5 .
eSDkn] sf7df8f] rf/vfn c•f lgs} lftu|t
kl/lbPsf]Toxf]dfnf] sf0fno, eld; wf/
sf0fno cflbdf /x5f]sf7df8f]hNnfsf hluvsf]
clen] gi6 ePsf 5g\ . DalGwt JolQn; x/x5f
sfuhftx? klg eSDkn]3/ Wj: t xB / cfunflu
xB gi6 ePsf]clxn]kpg ; lPsf]5g\ . o; n]
ubf]hluwgl khf]lwtf/fv] COf lng v]]g]nf0f
clxn]7hf] ; d:of kl/x5f]5 .

dg; g z? eof] . o; n] ; sf/fds /
gsf/fds b]j]kbfj kf/5f]5 . ls; fgx? wfg /f]g
Jo: t xg yfn] . t/ o; kfln wfgsf]alpsf]7hf]
cefj 5 . w]]h; f]ls; fgn]alpsf]nflu eg]
56ofP/ /fv5f]wfg eSDkdf 3/ eTSf g]f; fg
ePsf]of]cefj xg uPsf]x] . t/ klg ls; fgx?n]
x/] v]Pgg\ . eSDkn]hghljg tx; -gx; kf/5f]
jif{v]L klg lalupdf clgsnsf]dxdf/L rN5
eg] pglx?n] eSDkn] lft gkfofPsf cfkGt

sxf6 / sd lftu|t
l5d5l lhNnfx?af6 ; d]
wfgsf]alp Nof0f]alP /fv5f
lyP . pglx?nf0f /f]f0fug]
ahdf kfgl gknf5l eG]
lrGtf lyof] . t/ kfgl k/5f]
pglx? pT; flxt 5g\ .

oBlk ptf c:yf0f
lzlj/x?df cf>o
ln0/x5f?nf0f]eg]of]jiff]
c; ljwf ePsf]5 . lzlj/
x?df kfgl rlx65, cf5g]
cf5ofpg]leH5 . jiff]kg]
lgdf / dd] sf0f klg
afw kfofPsf]5 eg] 06-
df6f] ykf]df kfgl kb{f
htftt]k]x/lnf]v]8n cflb
a9f]5 . pkTosfsf v]hf
gfnfx?df af9L cfPsf]5 .
uf53/l/ o; kfln af9L
klx/f]uPsf]5 .

lftu|t 3/ kg]
lgdf ug] / gj lgdf ug]
d]o]s; h]ejg ; ktf kngf
u/5f 5g]eg]s; h]5gg\ .
clxn] ejg ; ktf cg'; f/



of]gSzm] sf7df8f]pkTosfdf7hf]e'sDk cPsf] ^ dlxgf kl5 w]fs]kfgl lj t /Of] ; Delj t l:ylt
b]vip5 . e'sDk cPsf] s]Lxkf; Dd dfg; x? s] dwf/e't cfjZos tf v]]kfglsf]cfl't{ug6of /s/
h: tfj]sNks pkfof; s]Jo; yf ugkg]x5 .

lgdfr sfofugf lazifu/L ; /sf/L lgsfox? ; lqno
 blvPsf 5g\ . ; /sf/L ejgx? , ljbno, Sofdk ; ,
 c:ktfn, l;gdf xn, ; 8s, kh h:tf ; fjhlg
 lgdfr sfof efg ; ktf / lgdfr lgbzsf /fd/L
 nfu"eP gePsf laifonfo{clxn} 7hfj dxTj lbO{
 ; Dalwt lgsfox?n}lgl/lfof ul//xsf 5g\ .
 ; f/ dfldox? k}t ; fng eO{ s}f
 5g\ . ejg ; ktf / eSDk kl/t/fvs lgdfr kljlw

af/] ; f/ dfldox?af6 Aofks krf/ - k}f/
 eO{xsf 5g\ . ; /sf/L lgsfox? tyf eSDk kljlw
 /fi6ko ; dfh-gkin h:tf u} ; /sf/L ; yfx?n}
 o ; ; DaGwl tnlld sfodx? ; fng ul//xsf
 5g\ . ; a}t/sfultljw xhf ; a}ofjdxzZ ul/
 /xsf 5g\ls - sf7df8fjpkTosf ca gofFsfFhl
 k}t/v/df 5 .

efOrfn] hful/ 5f3of

/ e'SDk kljlw /fi6o ; dfh gkin (National Society
 for Earthquake Technology -Nepal) h:tf ; yfx?n}
 e'SDk kl t /fvs 3/ lgdfr kljlwaf/] tfrld sfod
 ; fng ul//sflyP . p ; n}klg o} tfrld df efu lnQ
 e'SDk kl t /fvs lgdfr kljlwaf/] sL kljof d s 1fg
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 eofj .

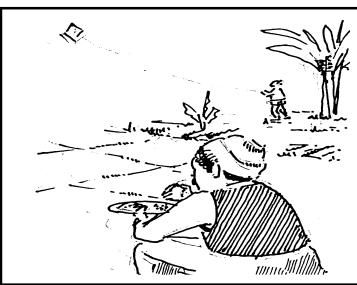
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 ; s] 5g p ; sL cfd clxn} kl af/Daf/ afanfo
 ; De} ? gjub5g\ /f t ; kgf d eSDks] e}merNs]
 cP/ cQP/ IrRofp5g\ . vfz /fu s} gePslp ; sL
 cfd e'SDks] 36g kl5 ; wja/f dL h: t} c j : ydf
 l5g pg n}To ; lbg b} v ckn] ; Dd g s} 5s dg
 nufP/ vPsl5g\ g sg/f t d: t ; u lgbpg ; s]sL
 l5g .

eOrfs] 5f]f] ; kgf klg eOrfn]n]
 rsgf r/ kl/lbPs] 5 . p k6ans]Ps ; lkn' vln8
 lyofj : sh / 6h s] k6an Dofr df p ; w}kz+fs]
 kfg xGofj k6an v h d p ; s] j zif kl t ef blv]
 p ; s] : sh n}p ; nQ j zif klz lOdf k7pglePsf]
 lyofj . t / e'SDkdfkLp ; s] v6g g/fd/LeFrPs]
 ca p m sbNo} klg k6an vlg g ; Sg] ePs] 5 . p
 ; f dGo k68n dfg ug ; S65 . k ; 4 k6an v h 8
 aGj p ; s] ; kgf cw}f/xofj .

eOrfsl ; fgl 5f]s] t f] a}hL kl6g
 yfn] 5 . eOrfn]s] sf/d cfdsf] sfv ; w}sf
 nlu u'dPsL o ; afn sf n} xh/ cfd nfo{g} d f
 eGj u/sL 5 p ; nQ : ofxg d f] g ; s] c efj df p
 w}h ; f] d df 3/d} a: g] u/sL 5 . 5f]Lnfo{b} kl5
 eOrfn] cf gl kTgls] ; Denf cfp5 clg p ; sf
 cfrf cgrf ; / ; fpg yN5g\ .

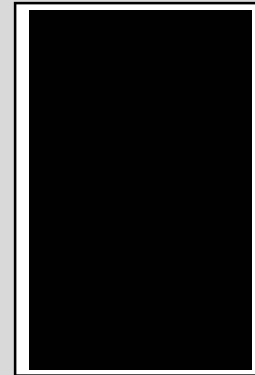
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 c? xhf/f kl/jf/n] h: t}
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 ltx/ dgP . sf7df8fjpkTosf
 k}zsf 8as] / a/ vLafl /
 x}sf]n] pkTosfj ; l x? nQ
 o ; klnbz} ltx/ cP h: t}
 klg nfu . k d h ; f] 6sfykg]
 / nuObg] dWj s] g s] k
 a/ vLd} ePs] n}o ; klns] bz}
 - ltx/ df 6s] eOrfn] Jo}k s t f
 lng kPg . k}k/ k/f/ h: t}
 bz} kTosf sf lgv/ df / f t] 6lsf / lz / df k}k]
 h d / o ; kln blvg kOPg . ltx/ df klg lgv/ df
 Qd 6lsf nuPsf dfg ; x? la/n} dfg b} vP .
 kTosf bz} v ; La}sfRd u/ / fef xlf s'v f s]
 df / sf6dfJo: t / xg] sf7df8fjpkTosf ; l x? dWj
 clwsfz n}o ; kln ; fsf xL bz} dgP . cGo r8
 k}k? df kl s'g p t ; k b} vPg .



eOrf klg bz} ltx/ df s t} guQ3/d}
 al ; /xof p ; nQo ; klns] r8 dgpg gkPs]
 eGf e] nsf lbgx? nQ s ; / ; xh agpg/ 5f]f-

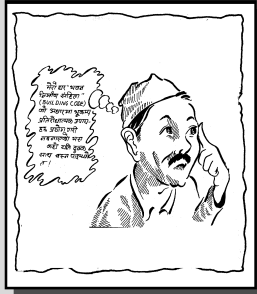
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 ; k ; ad n ; s] 5 . 5f] 5f] s] eljio s] nflu hlt
 ; s] si6 p7pg klg kl5 gkg ; s} k p ; n] dg d
 lnPs] 5 . cfug d f a ; / e d f ; Rof r k p } o : t}
 cgs] s'f dg d f v nQ / x} sf eOrfn] Pp6 / f t] r u
 cfsz df pl8 / x} s] b} v5 . p r f dly s] 8 n l t / x}
 - Toj r u t p : s] 5f] f n] p8Q / x} s] / x} . of b} v]
 p : s] d f / s} k x f ; n} 65 .



e'SDk kl t /fvs kljlwaf6
 ejg lgdfr ug a9 vlrnf]
 xG . To ; n} 3/ agpg]
 of h d f xG5 eg] cf g]
 3/nQ of ; De} ; /lft
 agpg l j zif 1x? ; u ; Nnf
 lng gla ; g}f] \ .



cGg kft s] lap hu}f
 /fvgl u/df ; De} j t
 clgsfna6 aRg ; lsg5 .



3/ agfpg e'sDk kl t /fws
pkto ckgpg cToGt
h?/L5.



eig :kttf /lgdfr
lgd zsf g ckgOPsf
3/x? sllg dfof t'Gt
/fjs nufpg kb5.

Ps jif kl5

lxhf; Dd htf uPklg klol ; jfnuf nufPsf
dfg; x? bllvg]sf7df8f]pkTosdf cfh blv laleG
/usf nuf nufPsf dfg; x? blvPsf 5gl. cyf
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dfg; x?sf] a/vl ktsf]5 .

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j tG cfPs]5 . d'vo kl/j tG o; sf]effts : j?kdf
blvG5 . e'sDk cfpg' clw cToGt vffPs] /
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sllk/ cflb gu/kflnsfx?sf laleG 6f]x? ca
k/filsnf ePsf 5gl. ol 6f]x?df vffP/ /xsf
clwsfz 3/x? e'sDkaf6 fltu't ePsf]gofF
of]hgaf6 lgdfr ug{yflnPs]5 . h; cg?k
;8ssf]nflu kof(t 7fpF]8Ps]5 / hyefjl
3/ agfpg glb0 ejg ;kttf / gu/kflnsfx?n]
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nufOPsf]5 . z?df o; klt sxl dfg; x?n]cfklQ
hgfPsf lyP . pglx? cf'g]9un]lgdfr sfo{ug{
rfxGy. t/ eljiodf klG xg ;Sg]ljleG ksfk
klt clxn]g}lofg lbg'kg]/ zx/nf0{of]hgfa4
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k5'tfpg'kg]ePsf]z?df la/fv ugk? klG kl5
rk nfu].

e'sDk kl5 sf7df8f]pkTosdf kgll
lgdfr / gj lgdfr sfo{yngl ug{cl3 e'sDkn]
eTsPsf 3/x?sf] 06-df6f]; d]6 cflbsf] ykf]



lj; ;k(() s]dxfe'sDk kl5 agOPsf/fhwgl sf7df8f]oj]gofF
;8s' caw}; fB/f]cgej eOx]5 .
;fef/ lPd-Pd: vfg, kff]sG; g{

kG5fpgnf0{g}w]; do nfluof. of]Ps aifdf To:tf
ykp{x?sf]s/Lj ^) kltzt dfq kG5fpg ;lsPs]
5 . 7fpF]fP ce]To:tf ykp{x? blvG5gl.

kljlws 6f]x?n]of]e'sDkn]sf7df8f]

pkTosfsf]effts ;Dkbdfly kf/f]fltaf/]n]v
hflv u/f] 5gl. h; cg?k sf7df8f] nltk/
df ^) kltzt ejg dd{ g}xg g; Sg]u/L eTsPsf
5gl. o; }u/L eQnk/df &% kltzt ejg gi6
ePsf] kfOPsf]5 . lghl 3/x? eTsPsf] sf/Of
sf7df8f]pkTosdf s/Lj (nfv hgtf 3/jf/
laxlg xg kuPsf 5gl o; /L 3/jf/ljxlg xg kuPsf?
d]lo]ce xhf/f]JoIQ c:yf0{Izlj/x?df cf>o
ln0/xsf 5gl cflys? kdf ; lfd xg? cf'g]3/
kgll lgdfr ub]eg eg] sP]8f] u/] al; /xsf
5gl.

sf7df8f]pkTosdf e'sDk kl5sf]kgll lgdfr
ltj]ultdf rln/xsf]5 . e'sDkdf k/L 3/ gi6
ePsf?n]^ dlxgf leq nfd]; do; Dd sfid lbg]
c:yf0{3/-6x/f agfP/ a;]. ca gofFyfol kSsl
3/ agfpg]qnd z? ePsf]5 . of]qnd ce] sxl
aif; Dd rNg]blvPs]5 .

e'sDkn] fltu't agfPs] sf7df8f]
pkTosfsf]lBt cfkl'tk]ffnl ca klol ; t kltzt
?kdf kgll ; fng eO{s]5 . e'sDk hfg' ebf
klxn]sf]h:tf]cj:yfdf lBt cfkl'tug{eQnk/
df Ps jif; do nfluof. hasl pkTosfsf c?
:yfgdf tlg dlxgdf e'sDk k]sf]cj:yfdf lBt
; jf kfofOPsf]lyof].

o; u/L vfg] kfgl lj t/Of ; jfnf0{klg
e'sDk k]sf]cj:yfdf kfofpg eQnk/df a9l ; do
nfluof]ePsf]5 . pkTosfsf cGo efudf of]Ps jif
leq vfgkfgl lj t/Of kffnl kg:yfkg e} sP]5 .
t/ eQnk/df vfgkfgl lj t/Of ; jfnf0{e'sDk k]sf]
cj:yfdf kfofpg ce] csf]8f] aif[hlt nfluof]
cgdfg vfgkfglsf kfljlws ljz]f1x?n] u/f] 5gl.
6]nkf] ; jf sf7df8f] nltk/df e'sDk
uPsf](dlxgf leqdf ; t kltzt kg:yfkgf ePsf]
lyof]. t/ eQnk/ l]gdf o; sf]nflu Ps jif; do
nfluof].

e'sDkn] flt kfofPs]sf7df8f]pkTosf
leqsf clwsfz ;8s / khx?sf]dd{ ;wf/ u/L
sfid rnfP cj:yfdf kfofOPsf]5 . ux]j/L-uf]L
3f6df gofFkh alg; sP]5 . k/fgf]af6f6
;fg]7dl tk[hfg]dgf/f vffndf gofFkSsl kh
lgdfr ug{sfo{hf/L /xsf]5 . :yfollhg c'tu
kg]; 8s / khx?sf]lgdfr sfo{cfudl jif?df
klG hf/L /xg]5gl.

e'sDksf]sf/Of 3f0f]ePsf la/fdx? ca
c:ktndf 5gl. t/ e'sDk kl5 nfd]; do; Dd

c:yfol lzlj/x?df a:g' kbfc :jf:Yosf] kltsb
jftfj/Ofsf]sf/Of la/fdl k/šfx? c:ktfndf pkrf/
u/f0{xšf 5g\ . o;df laz]fu/L sšfsš / ašx?
5g\.

vfbfšg cfklt{ nufot ahf/sf]l:ylt
;fdšo e0f sšf]5 . t/ l; dš6, 0š, sf7, 808L,
afnšf h:tf cšofjZos lgdšf ; fdušx?sf]dfu
Hofb]a9L ePsf]cfklt{kof]t xg ; sšf]5g\ .
To; š]ol ; fdušx?sf]dNo klg rsf]5 . Hofdl,
8sdšl; ; sdlšb]v lnP/ cšf/l; o/; 0lšhlgol /
ofšhgšf/x? ; dš cšofš Jo:t 5g\ . ešDk
kl't/fšv lgdšf kljw kl't ; ašf]rf; f]a9šf]5 .
ljz]fu/L ; /sf/L lgsfox? ; f]hlgš ; šyf /
Jofkfl/s tyf cšf]us lgsfox? o; kl't a9L
uDe/ b]vPsf 5g\.

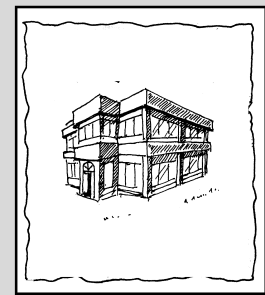
sf7df8f]pkTosf]ofšgfa4 last; /
ešDkaš6 kšflat ešts ; šrgfx?sf]gj lgdšf
nflu lalešg lđq /fi6x? / bft[; šyfx?af6 cgbf
; xofu ; fy]Cof ; xofu kl't e0/xšf ; dšrf/x?
; šf/ dšfodx?af6 cf0/xšf 5g\ . sf7df8f]-
pkTosf]gofšhgf /šf]g e0{xšf]5 . oPgl8kl,
ob]sf] ny/g jN8{kšš/žg, oP; P8, hf0šf,

lh6hš, sfšf, ljZj aš, Plzofnl lšf; aš
h:tf bft[; šyfx?n]o; pkTosf]0{kghlšg lbgdf
cf-cf]g]tkšf6 ofšbfg kšof0{xšf 5g\.

of] dxfešDkn] w]] kš7 l; sfPsf] 5 .
pkTosf leqsf ; ašgu/kšlnsfx?n]kš[ts kšf]k
kl't kš]toš/L ug/ hgr]gf cleaš4 ug{kš[ts
kšf]k lgošgof lgsfosf] :yfkgf u/šf 5g\ . ;fy]
sltko j8fx?df klg j8f: t/lo o:tf 0sf0š? agšf
5g\ . ljBfnox?df kš[ts kšf]k / To; af6 aRg]
pkfox? af/] ; šfšts / kšf]fšds?kdf l; špg
yflnPsf]5 . ; šf, kš/L ; šfš6, /fi6o ; jf bn
cfbn]cf]gf tšnd šfodšx?df kš[ts kšf]k
Jo: :yfkg, p4f/ tyf /fxt ljifonf0{kšlnsf]ešf
w]]dxšj lb0[; dšž u/šf 5g\ . ; /sf/L tyf
ljlešg uš ; /sf/L ; šyfx?n] klg ešDk
kl't/fšv lgdšf kljw tyf kšf]k ; DašwL tšnd
kl't ljz]f cle?lr b]vPsf 5g\ 3/ lgdšf ugš?n]
ejg ; kšf / lgdšf lgbšzšnf0{ulDe/tf]š kšngf
ul//xšf 5g\ . ol ; j]ultljwx?n] sf7df8f]-
pkTosf]f;lx?df eljio kl't gofšfz / ljZj;
hufPsf]5 .



ešDk kl't /šv lgdšf
kljw af/]ašf-afšf
tšnd ; šfngxg h?/L
5 .



3/ agšf afš/af6 /df]
dfq šj v š]šg leqš v
aln]xg u/L agšf xšf\.



ešDk cškn] dšg ; dšg
unt / sdh] 9š n]
ul/Psf]gdšx?n] g]
dšg ; dšg ešg tYo
glā ; šfš\.

efQrf gof3/ agšpg] t / v / df 5=

efQrfn]ešDkaš6 cf gšafa / kTq. ušdPs]
cfh ašlbg e0f p ; n] ; fšgo t / Lšfaš6 ašlbg sf]
a/ vL kšf] p ; sf 5/ l5dšx?n] klg To ; } u/ .
a/ vL kšf] ; jšf nuf šš kš5 eQrfn]o
Ps kšf/sf] dšis] cšf ; e0f . a/ vLšlqrofs dš
; lšP kš5 p ; n]a tšf]ofš ašh]o ; lšemoš of
Ps ašf ešdfp ; n] cšf]df w]]7hšf kl/j tš cPsf]
kšf] Ps ašf cšf] cšf] ešDk cšf]tx ; -gx ;
kšf ešf cšf] p cšf]n]o cšf]n]o sšf] ; lšemo
Gšf] . t/ cškn] p cšf] w]]kšf]e0 ; sšf] / 7hš
lhDš]f / Lšfaš6 sf7df ePsf]
dxz'z ul/-
/xšf]5 .

of] Ps ašf p ; n]
cfkšdf dfq xšg, cf gš
j] / kL / sf7df8f]pkTosf el/
gš 7hš kl/j tš cPsf] kšf] .
kšxšf ; šf / ušnx? cškn]
kšf] nšafš agšf 5g\ . ešDk
cl3sfkšf 3/x? ePsf 7šfš
cškn] gof3/x? agšf 5g\ eg]
sltko 7šfš ešg] qšd hšf] gš . kšxf v'nf 7šfš
ešg šfšv]n gš kšg kšf] sf7df8f] cškn] 7šfš
vNnf 7šfš
ešDkaš6 3/ lšf t u ; t eQ c : yfol lzlj-
/x? dš ; jšf sltko kl/jfx? sfđ r nš 6x/fagš
lzlj/af6 3/df kšf ; sšf 5g\ . cšf c j : yf /df]
xšg?n] gof3fšdf / ešDkaš6 xšf kl't lšf gšg]
kljwaf6 3/ agš / gof3/df ; / ; sšf 5g\ . t/
cšf c j : yf /df]gšg? 3/ agš / sd ; šng
ušg .



efQrfn] of] ašf 8s dšsfđ u/L š] / s d
hDšf u/šf]5 . ; /sf/n]ešDk kl8tx?n] lšPsf]
Cšf klg p ; n] lšPsf]5 . ca p ; n] klg gof3/
agšpg] z/ ugšf nšf]5 .

ešDk kl't /šv lgdšf kljwš] tšnd
lnQ 3/ 7šfš 3/ lgdšf šfodš ; š]š / xšf p ; n]
kšf] 1šg / cšf]n]o kšf] u/L p klg ešDk
kl't /šv 3/ agšpg tD ; Ps]5 . o : tš kljwaf6
3/ agšpgn] yk aš v r kšg t / Lšf dfq hšg]
kšf] / xš ešg] sšf]p ; n]aš ; sšf]5 .

p : sl cšfš kš / ešf o ; kšnl
w]] uššl 15g\ . pgl w]]aš /
/š] h : tL š] v š5g\ . ešDkn]
kšf] dšf t r šf]o ; don]
š] s d ul/lšP klg kš] dšPsf]
5g\ .

p ; sf] 5šf] & sšf pQš eQ
* sšfš kšf] . kš6an všg
c ; dš eP klg všsb kl't š]
p ; sf] cle?lr 3šf] 5g\ . p ; sf]
wšg cškn] d 4 rfn t kš uPsf]
5g\ .

5 . eQrfsl ; fgl 5š] cšfšdf 3/dš] . p ; vš
5š] lšf] Toxšf vš ; /šf]n]o v lbg r šg .
gof3/ agš kš5 p ; n] / lšf]o ; /šf]n]o
lgšf u/šf]5 . t/p ; sf ; /šf]n]o sšf] r f / ašn]
5 . pšg? eQrfsl kšf] fš u / fpg] a r f / df 5g\ .
eQrfsl kl/jf ; Dšg klg of cšofjZos ePsf]
pšg?n] dxz'z u/šf 5g\ . To ; š] pšg? cf gš
gšf] ; u eQrfsl jš ul/lbg] gšdf 5g\ .
a/ vL kšf] sš] š] lbg kš5 ; /šf]n]o cPsf]
kl't fšf] eQrfn] ; kšxf 3/ agšf cšg la r f /
u/šf] ešg] hšf] lšPsf]5 .