

Ibuf]ufdl0f hllj sfkfhg sfoqmd; ; aVjf; ef

Ibuf]

hllj sfkfhg

utdl0f lj sf; ; dfrf/dhs klqsf

j Zfv-c; f/ @)^%

j if{#, c^as #

May-July 2008

; Nnfxsf/

8f= chg sfsl{

8f= ; j fh v8sf
/tg sfsl{

; Dkfbs

>lafa' pbf; '

; x-; Dkfbs

Zofdsdf/ a:g{

k\$fszs



gkfn ufdl0f klgd{f{f ; :yf

-cf/-cf/-Pg=

-Ibuf]ufdl0f hllj sfkfhg sfoqmd
; aVjf; ef

SDKo6/

IwDn]ckm } k} , I8NnLahf/
knig M \$\$%@)

db0f

=====

lj ifoqmd

; Dkfbslo

@

cfocfhgsf]; f{ kinkith tyf t/sf/l v{tL

- sz/axfb/ sfsl{

#

rkl{lgd{f{fn}; /; kn0df ; wf/

- d10f/fh u?^a

%

; dxf df cfpm ; fyl - lgd{f sfsl{

^

P; =cf/-cf0{kij l{w= - Zofdsdf/ a:g{ &

v{tla6}/fdf]cfDbfgL 5- zldff /f0{ (

; dbfodf sf{f{dn}; sf/flds kfj

kf/\$f]5 - Zofdsdf/ a:g{ !)

hx{0R5f, Toxf"pkfo- blkaxfb/ /f0{ !@

lj Bfnodf g; f{ \$f]kl/j t{

- 6lsf /f0{ /ltf lnDa"

!\$

; dxn]ufpd{ kl/j t{ nofot{htaxfb/ /f0{ !^

dfl{ df upf"emnn- ; lsnf u?^a

!&

cf0{kij Pd= sf]bj - nIdl lj Zj sdf{

!&

; xsf/l ; ~rfngn]; dxf df pT; fx

- efj gf /f0{

!*

; dxf gAa]xhf/ art- lrqdfg /f0{ !(

kl0f3fts P8\af6 ar{ 8f= sf/ sdfffo{ @)

o; Ibuf]ufdl0f hllj sfkfhg sfoqmd European Commission, Austrain Development
Cooperation, Horizont3000 / RRN SF]; xofydf ; ~rfng e0/x\$]5 .

:j lge{tftkm{pGdV ; dbfo

IrIgofFPp6f pvg 5- ædfemnf0{ Ps5fs df5f xf0g, df5f dfg} ; lk l; sfpm .E df5f vjfP Ps 5fs 6g vfg kfp5 t/ p; n]df5f dfg} ; lk l; Sof]eg] hllj ge/ ef\$]a:g' kb]. hllj sfkfhg[sf] :yfol dfnbd; d] a65 . o; }b[6fGtnf0{ dt{k lbg g]fn ufdl0f kb]gdf ; :yf cf=cf/Pg= n] ; aVjf; ef lhNnfsf gf} ufhj= = sf ; dbfonf0{ hllj sfkfhg tyf lj sf; lgdfdf ; xofu k]of0/x\$]5 . o; lhNnfsf] (j6f ufhj= = x]df lbuf] ufdl0f hllj sfkfhg sfoqmd nfu" e0/x\$]5 . oxfsf]; dbfodf of]sfoqmd c]oGt k]fj sf/l ; flat ePsf]5 . jf:tj df lj sf; ; dbfo :j odn]pglx;s}rfxgf / 5g]df kfkt ug]j [4sf]k]qrof xf]. lj sf; j[4 / kl/j tgsf] ofu klg xf]. ; dbfosf] rfxgf / ; xeflutfa]s] klg sfoqmd cylk]f{xb]g e6g]k]f0f o; sfoqmdn]lbPsf]5 . lj sf; sf]p2]o ul/alsf]cGt o ug] pTkfbgzln /f]huf/l pknAw u/fpg] ; dbfosf]cfwf/e't cfj Zostfsf]k]lt{ug]j ØlQms / ; :yfut Ifdtfnf0{cfej[4 ub]hllj gofkgsf]u0f:t/df hf] lbg]cfwf/ xf]lj sf; . lj sf; ckdfg, c; dfgtf, clzlf, cgle1tf / cGofosf lj?4 ; w]Fultj fg e]xG5 .

ul/al k]fj lws lj ifo xf0g, h; nf0{s]a6d bafP/ k]f{ug{; lsof] l ul/al lgj f/0f ug\$]f nflu ufdl0f ; dbfodf Jofks pTkfbgdf j[4, s]fdf cfwf/t c6o j]nks ; f]t k]ffnl]sf]lj sf; sf ; fy}; dbfodf lzlf, :j f:Yodf kx] a9f0{; fdflhs dNo-df]otfsf] ?kfGt/0fn]dfq}ul/al 36fpg ; lsG5 .

; g])! b]v lg/Gt/ kdf ; dbfo; E /x] sfd ul//x\$]f]lbuf] ufdl0f hllj sfkfhg sfoqmd o:tf]sfoqmd xf]hf]; dbfosf]; lk / Ifdtfsf]lj sf; nf0{cfwf/e't cfj Zostf dfGb}; fdbflos lj sf; df cu] / 5 . ; dbfosf pk]ft, blnt, hghflt, lgdVf, dlxn, czQm Pj +åGakll8t afnaflnsfx] / cfocfhg sd ePsf ; dbfodf PsIsf / bl3\$fnlg :j /f]huf/f]dV sfoqmdx] ; ffng ul/Psf]5 . ; dbfosf]k]ol; xeflutfdf ; fdbflos ; zQm/0f- s]if, l; ff0, ufdl0f ; 8s, ej g lgdf]f, lj Bfy]nf0{5fqj]Q Pj +cf]rfl/s s]lf ; ffng:tf sfoqmdsf cnfjf lj leGg r]gfdhs / ; lkdhs sfoqmdx]df ; d]; xofu k]ofp]cfPsf]5 .

; aVjf; ef lhNnfdf ; ~rlnt o; sfoqmdn]; xeflutfdf ; fdflhs lj sf; nf0{ cj /f] k]ofpg]k/Dk/fut dNo df]otfaf6 dfly gp7]; dbfodf cfwf/e't kl/j tgsf] cfpg ; Sb]g e6g]wf/0ffsf]lj sf; ePsf]5 . clxn]o; lhNnfdf s]fdf cfwf/t lj sf; sf]sfddg gofFcfofd ylkPsf]5 . o; c]ssf s]z/axfb' sfsl{ zdl]f /f0{ nldl lj Zj sdf{ k]ol; b]6fGt xg\ o; n]; dbfo :j lge{tftkm{8f]Psf]; xh cgdfg nufpg ; lsG5 .

cfocfhgsf]; ft kmkrh tyf t/sf/l vtl ○ s]/axfb/ sfsl{



@)^# ; fn efb|dlxgfdw wk'uf=j=; j 8f ; dodf dnvfb / l; ff0sf]joj :yf ldnf0{
g#(xlQlvddf Ibuf] uflolof hllj sfkfhg /x\$]5'. cfufdl lbgdf klg sfoqmd; E
sfoqmd -cf/cf/Pg_ ; aVjf; efsf]; xofydf cGo pGgt hftsf cfE, lnRrl, ; Gtnf,
>l hfu/of :j fj nDag ; dx u7g e0xfn; Dd sfutlsf la?j fxz dfu u/l axt z kdf
@^ 3/ w/lsf hghflt, blnt, dlxn, kmkrh vtl ug{ofhgf agfPsf] 5'.
k?ifxzsf]; dfj zl ; xeflutf /x\$]5 . d j hf} dl t/sf/l vtl[lsf] nflu knfli6s
klg Toxl ; dxsf]; lqmo ; b:o /x\$]5'. 6ghsf]3/ agf0{pQm 3/leq sfoqmdaf6

o; sfoqmdsf] - xfn; Dd !(j 6f sndl pknAw alplahg
cfofhgfdf ; do la?j fxz dWl! * j 6f g; ldf la?j f pTkfbg
; dodf lb0Psf] la?j fxz Sf]cj :yf u/l 6df6/, aGbf,
kmkrh tyf t/sf/l vtl[lsf] tflnd sfpnL nufPsf] 5'.
vtl[lsf] tflnd ; Gtfhgs 5. To; y/l 3/j l/kl/sf]
ufjlaf6 kflj t e0{ - clxn]d]f]kl/jf/n]xktfsf] vtlaf/ldf vNnf
pGgt hftsf cfE, lnRrlsf sndl \$)) .- b]v %)) ; o; Ddsf] t/sf/l vtl :yfglo
lnRrlsf sndl la?j fxz / j hf} dl ufhf, kofh, n; g,
la?j fxz / j hf} dl t/sf/l laqm ug{yfn\$]5. aGbfSf]kl, sfpnL
t/sf/l vtl[lsf]nflu knfli6s 6gh -kfn cfn; dhf cflb nufPsf] 5'. lj utsf
cf/= cf/= Pg= ; yf; E ; dxdfkmt dfu j if{ Dd ahf/af6 t/sf/l lsg] vfg]d]f]
u/F. !(j 6f cfE, lnRrlsf la?j fxz kl/jf/n]xfn cfP/ ahf/df t/sf/l a]z]
au]fsf]z kdf nufpg / adf} dl t/sf/l k}f cfhgf ug{yfn\$]5 . cfkmg}
vtl[lsf] nflu ! ; Ø knfli6s 6gh; d]z s/]faf/ldf pTkfbg ePsf]xl/of]/ tlfh
sfoqmdaf6 pknAw ePsf]5 . t/sf/l laxfg a]hsl l6k] Nof0{ vfg
pQmsndl la?j fxz 3/j l/kl/sf]vfnl kf0g]/ ahf/df laqm lj t/0f u/l cfDbfgL
hllufdf au]fsf] z kdf nufPsf] 5'. u/]f] 5'. clxn]d]f] kl/jf/n] xktfsf]
xfn; Dd !(j 6f sndl la?j fxz dWl! * \$)) b]v %)) ; o; Ddsf]t/sf/l laqm
j 6f la?j fxz sf]cj :yf ; Gtfhgs 5 . ug{yfn\$]5 .

b]f kflj lwsxzsf] ; Nnfxcg; f/ ; do j f:tj d} eGg] xf] eg] xfdl gkfnlxz
----- Ibuf]hllj sfkfhg -----



k'fgf] 9fFfsf] v̄l koffnlaf6 k5fl8 g}; aEgbf pQd k̄f 7fg\$] 5'. cfufdl
kl//x\$]f / x\$]f cfwlgs tl/sfaf6 pGgt lbgx̄df pGgt hftsf k̄nk̄h / t/sf/lſf
hftsf]alplahg k̄fū u/l goffv̄l koffnl alplahgx̄ vf]h cg'; Gwfg u/l
cj nDag u/l v̄lug{x] eg] xfdl h:tf cfocfhg]nf0{a9fj f lbg]c7f] InPsf]5'.
d̄gl̄t / kl/>dl ls; fgx̄sf]nflu hfkfg,
sf]/of, x\$]E, 0h/fon, dn]; of, cflb b̄x̄df uP/ sdfpg] k} f cfk̄n} 3/
j l/k]sf]v̄af/ldf g)sdfpg ; lsg]x\$] . v6f0{tflnd uſſlsf]cfocfhg] u/l k̄nk̄h
efy]ns w/ftn / xf] fkfgl cg'; f/sf] tyf t/sf/l v̄l df dnf0{k̄f; flxt u/f0{
; xfp]f]pGgt hftsf]k̄nk̄h / t/sf/lſf cfocfhg]sf]dh af6f]b]y]f0lbg]cf/-cf/-Pg= alplahg k̄fū u/l j df} dl tyf df} dl ; :yfnf0{x]ob]v g}w̄oj fb lbg rfxG5'.
t/sf/l v̄l ug{x]eg]kl/>dl o] fx̄nf0{ cf/-cf/-Pg=sf]k̄f] lws ; xofū kfP/ xfn
nfvf} ; k̄f vr]u/l cfk̄n]f]hlluf ; fxhf0{ d̄f]df] ; s b0{tlg xhf/ cfDbfgl ug}; lfd
aGws /fvl l]b]zg'kg] / bnfnsf]hfndf ls; fg ePsf]5'. o; nf0{cem]j :tf/ u/l
k̄ngkg]cj :yf klg gcfpg]/x\$] . s]f lfg]nf0{g}cfk̄n]f]hllj ſfkkfhg]sf]df]bd
@) ^\$; fn dl] / @% ut]v k' ! agf0{ufpB/df a9legbf a9l cfly\$ nfe
ut]Dd hDdf ^ lbg cf/-cf-Pg= ; :yfsf] lbg]k̄f ub5'.
tDnE6f/df g; l] Joj :yfk̄g tflnd InPF -hfu/0f :jf] nDag ; d̄, wk'; aVJf; ef
la?jf k̄f/0f tfnldaf6 yk k̄f] t e0{
cfocfhg]sf nflu k̄nk̄h tyf t/sf/l v̄l

rkl{lgdfQfn]; /; knf0df ; wf/



○ dl0f/fh u?^a

dfG5] 9^a] oudf el/, kx/f, cfBf/ / eof]. pxffk[n] o; 9f8df a; fff; uby]. cfkm'hxfF; /lft ; #yfaf6 ; ffln t dx; ' uy] plgx_ Toxl a:y]. Ij legg lbuf] ufl0f hllj sfkfhg sfoqmd cgt[ut cfj Zostfsf afahb clxn]xfdl Ij sf; sf] o; ufpBf] %# 3/w/lst JolQmx_nf0{hDdf r/d pTsifdf cf0ku\$]f 5fF. Ij sf; u/L ; dX u7g ul/lbg' eof]. grflxg] dfhg; ; fob dfhg; xg; Sb] ; dX u7g u/jhuQ]o; ; dXdf ; dbfon] xf]hf . cfj Zostfg}lj sf; sf]d]b08 xf]. rfxsf] Ij ifodf tflnd uf]7L / Ij legg ; aVjf; ef IhNnf dt:okfy/l uf=j=; = Ij sf; dhs / hg; xeflutfdhhs sfdx_uf] j f8 g#^ sf rkl{sf]cefj df ufp3/ cToGt af/ff tflnd ; Dkgg afl; Gbf] rkl{ bU]Gwt aGg kUYof]af6f]f6f] eof]ta ; dbfodf rkl{ kof]u cToGt sdn] dfq uby]. Ij legg j/k/ klg knf]n]ubf{gfs lgdfQf cfj Zostfdf kl/0ft eof]. ; 3/ ; #yf / 5f]g'kg{af]lbtf lyof] cf/-cf/-Pg= sf]lbuf] j ftfj /0f kl/t rf; f] / Vg] lgsfoaf6 ufpF ufl0f hllj sfkfhg sfoqmdn] dt:okfy/l 3/df rkl{ agfpg cfXj fg u/klg uf=j=; = j f8 g#^ dfefdf]f; lsf] f] / z]ldf dt:okfy/laf; ln] cfknf] ; f] ; fwg / Jofks kl/j t]f dfq cfPg plgx_ ; dX kx]f geP/ rkl{lgdfQfnf0{kfyldstf lbg dfknf Ij sf; sf ; jfxs ; d] agsf 5g\ ; s]g . 3/-3/df rkl{ gePkl5 vfhf- lxhf] Dd vfhf]v] ; f]f lb; f-lk; fa ub] vfh] f / emf8l-leQf]f nf]nfh arf0{ cfPsf plgx_ :j f:Yosf] rf; f\$} sf/0f lb; f lk; fa ug{kb{of}. plgx_ nf0{/ft- wdfwd rkl{lgdfQf sfoqf hl6/x]f 5g\ ; f]m lb; f lk; fa ug{lg:sg xDd]xDd]g} clxn] dfefdf !* j 6f gofFl8hf0gsf] xGyof]. /ftl lg:sg'kbf{3/ eGbf w]6f9f rkl{lgdfQf e0; s]f]5 eg]af]f 3/x]f hfg ; Dej klg xb]yof]. o; /l rkl{sf] klg cfwlgs l8hf0gs}rkl{wdfwd lgdfQf cefj df ufpB/ cToGt bU]Gwt aGg kUYof] e0/x]f] 5 . rkl{ lgdfQfdf af6f]f6f]j /k/ klg knf]n]ubf{gfs 5f]g' cf/-cf/-Pg=; aVjf; ef IhNnf] lbuf] kg{af]lbtf lyof].

@)^# efb| !) ut]o; ufpBf g]fn k]f]j lws ; xof] k]f]0/x]f]5 . h-h; sf] ufl0f kblgdfQf eg]; #yfsf b0{; fdflhs 3/df kSsl rkl{agsf]5g It 3/x]f kl/rfns 6lsf/fd sdfn / ; l/tf /f0{cfpg' c:yf0 vfl8]rkl{kgf] ug{yfn]f]kf0G5 .



pglx₂ kSsl rkl{gdf₁ ug{klg hf₂tf₃n] a}sdf xf] of d]f kftfdf oXL :j / nflukl//x₁f 5g\ ufpf₂x₃ eG5g\ ..:j R5 lgsfN5g\ of] :j / pglx₂sf] Joj xf/df ; kmf j ftfj /0f t dfgj hlj gsf] cdNo klg kfng ePsf]b\g ; lsG5 .

lglw kf]/x₁.Ú ca ufpf₂]j ftfj /0f ; kmf - ; bfv/l :j ffnDag ; dx₁, /fVg'xfdf]d\o st\o xg\ . pglx₂ ; dx₁sf] dT:okfyl/l-^ dfofdf ; ^aVJf; ef



dxdf cfpm ; fyl

○ lgdf₁ sfsl{



cfb/0flo ajf, dd₁f, ufpf₂f; l x], cfk₁ufpf₂j sf; u/f]ldnl Ps km]. u/la / lgdvf e0{sj]; Dd af₂g] xfd₁klg kfng]cfpB Ps hudf xf:g].

c1fgl 5'clzllft 5'elg kl5 ; /] emg}kl5 kl/G5 x}nfh dfg]u/].

; dxdf cfpm ; fyl u/f}5nk₁m cl3a9]dfq aG5 hlj g emndn .

gk9]f lbbL alxgl hfpf₂kf₃ lzlf₁ k9g xfdl klg sDtl 5\rf}b\z lj sf; ug{. -ukif/ :j ffnDag ; dx₁ hnhnf-& ; ^aVJf; ef

P; =cf/=cf0{ k|j lw M wfg v]ldf Ps gof"cf0fd

○ Zofdsdf/ a:gj

cf/-cf/-Pg=-; aVjf; ef

; aVjf; ef lhNnf xfj fkfldf lj lj wtf /x\$] wfgsf] aqf\$] ufl xflg] lfdtf \$ lbgb]v Ps b\$] lxdfnl lhNnf xf]. eflhs \$\\$ kdf la:tf/}a%uP/ * b]v !) lbgdf ; a\$bf 7kf]ePtf klg o; lhNnfdf v]l of]b hdlg a9l xg]ePsfh]Ps xltfsf]cyjf @ kft lgs}sd - *-%^ kltzt_5 . lhNnfsf]; /b/ Ps ; 0/f] xflsf] cj :yfdf g; l Aof8af6 klt kl/jf/ hdlg !=) x\$6/ kb\$. cgo d]o hllufdf ; fl/G5 . k/Dk/fut tl/sf lhNnfx\$\\$ df h:t}o; lhNnfdf klg wfg ; a\$bf cg' f/ glhs glhs}Ps}7fpf %-& aqf{ dxTj kof{c\$g afnl xf]. xfn wfg v]l s/la /flg\$] ; \$fdf o; k4ltdf Ps 7fpf !&)) x\$6/df nuf0G5 Pp6fdfq aqf{/flgn]
/ pTkfbg s/la #!))) ↗ cfufdl lbgx\$\\$ df o; k4ltdf wfgsf] alp b/ d]s 6g 5 . gkfnsf] yk cfj Zos vfl tyf k|tx\$6/ %)-&) kl/k]odf s]sx\$\\$; a} cg' Gwfg u/l Jofks klf/, lsnf]d nflg]7fpf v]l 5f] klg wfg v]l k] f/ tyf la: tf/ ug{kgi} & lsnf]d nflb5 . 5f] rfxEgg\ o; cj Zostf b]vG5. ; fd\$otMof]tl/sfdf aqf\$]bj ; km{SDtldf

xl6ofsf] !^)) ld6/ prf0{ Dd wfg v]l @)-@% ; fl6ld6/sf] km/sdf /fk0G5 eg] u/\$]kf0G5 . oBlk xfj fkfldf]x; fan]lr; f] wfg /fl]v kfsg] ajh; Dd nuftf/ kfgl ; xg ; Sg] /ftf] rfdnsf]wfg @%)) dl6/ hdfP/ /flg] xfdf] klfnt tl/sfsf] 7ls prf0; Dd v]l ug{ ; lsG5 . cgo kxf8l lak/lt of]t/lfaf6 v]l ubf{wfg /fl]v lhNnfx\$\\$ h:t}o; lhNnfdf klg clwsf+ k; fpg] ajh; Dd df6fd]f lr:ofg /xg] u/l wfgv]l k/Dk/fut t/lfaf/f g}ul/G5 . l; ff0{ ; do ; dodf ug{kb\$. of]t/lsf b0{ bzse\$bf cl3 d\$bfuf:s/ - kofu u/l v]l ubf{s]sx\$\\$n]^ b]v !)

Medagaskar_ df lj sf; u/lpsf] dlbs 6g klt x\$6/ pTkfbg kfft ePsf]5 .
P; =cf/=cf0{ -SRI-System of Rice Intensification_k4ltdcg' f/ ul/g]wfg v]l klg]f; :yf- cf/-cf/-Pgaf/f ; ~rlnt lbuf] xfnfsf]t/lsf e\$bf kys tl/sf ckgfog]x]f uflolof hllj sfkfhg sfoqmdn]j fgf ufj= ; sf] s]sx\$\\$nf0{crDd nflb5 . of]t/lfaf6 >l vK6j f df= la=sf laBfy]k\$ nf0{ o; v]l ubf{w]}crDdx\$\\$sf]; fdgf ug{kb\$. P; =cf/-cf0{k4tl cg' f/ wfg v]l ugt/lsf



afnL cj lwe/ kſg u/f0Psf] lyof]. o; /
nuf0Psf]!) lbg a9f]Pp6f a9f]af6 & j 6f
uſſ ; Dd cfPsf]kf0of]h; df @! j 6f uſſ
eg]nfdf]; do ; Dd /xg ; sſ / afnL %@
j 6f uſſx; df eg]wfgsf]afnf nfuſſf]lyof].
s/la cfwf /fkglcf u/lPsf]wfg vſlaf6 &
lsnf]fd pTkfbg ePsf]lyof]eg]k/Dk/fut
t/lſfaf6 %@ lsnf]fd pTkfbg ePsf]lyof].
o; cfwgs k4ltaf6 a9l kn0bf ePsf]b]5
cſo ſſsx; klg cfufdl lbgx; df yf] }
hllufdf k/Lf0fsf] kdf P; -cf/-cf0ſtl/sfaf6
wfg vſl z? ug]; f]df 5g\\
P; -cf/-cf0ſ k4ltaf6 xſ]kn0ſfx;
!=sd alp nſlg].

@=atſfg tl/sfdf eGbf cfwf dfq kfgl
eP klg vſl ; kmm xG5 .

#/f] ſſ/f sd nſl5 .

\$=w] }pTkfbg kſt xG5 .

P; -cf/-cf0ſ k4ltdf b]vPsf dV
ſl7gf0x;

!=Ps xktfsf] ſlnnf] a9f]f0{ g; k]af6

dV o hllufdf ; fbf{h/f tyf cfdf lap
-Mother seed_ r]8g]; Defj fgf xG5 .
@=o; k4ltaf6 vſl ubf{kfgl sd kſf]u
xſ]x]f em/kft a9l cfp]5 .
#=f]k0sf]ajhfdf a9l d]gt tyf >dsf]
cfj Zostf kb5 .

; ^aVJf; ef lhNnfdf wfg vſlfd
P; -cf/-cf0ſsf] cfudg; E} Ps gofF
k4ltſf] z?j ft ePsf] 5 . cfufdl
lbgx; df o; k4ltdf yk cfj Zos vſh
tyf cg; Gwfg u/l Jofks kſf/, kſf/
tyf la:tf/ ugk]c] Zostf bl]M5 .

; Gbe{; fdul

!=j flifſ ſſoſſmd kl:tsf tyf t]of° Ps
emns, @) ^#, lhNnf ſlif ljsf; ſſoffo,
; ^aVJf; ef .

@=bl3ſfnlg cfj lws ſlif ljsf; ofhgf -
@) % (÷@)^ -@) & * ÷@) & (, @) % (,
lhNnf ljsf; ; ldlt; ; ^aVJf; ef .

#=g]fn ſlif k]j lws k!ts, @) ^@, ſlif ; †gf
tyf ; ff/ ſl]b/ xl/x/ ejg, nIntk' .

v}laf6}/fdf]cfDbfgL 5

o zldhf /f0{



ultzln ; dosf]r qmdf dfgj lo kl/j tø /fdf]cfDbfgL lnPsl 5'. lxhf] Dd cfkmhfo{ klg xkgk] /x\$. ; dos} qmddf dfgj n] vfg klg xDd]xDd]xg]hllufaf6 cfh kz:t hllj sfkhgsf] goffgofF; lk / zhlnf0{ pTkfbg xg yfn\$] 5 . pGgt hftsf] cuflng' kg] afnbtf cgf]xf]g\ xfdl hg alplahg / afnlgnln]d]f]kl/>dsf]plrt ; dodf 5f}. Tof]; dosf]; lk / zhl xfdln] dNo kfPsf] 5 . xfdln] ; v]f :j f j nDag cuflng}kb\$. lxhf] xfdf] k]hn]h]h; /l ; dx u7g u/l goffZ]h] / :j kdf v}l sfd u/]Tof]eGbf xfdl ljsf; / l :tf/n] ul//x\$]f 5f] o; n] xfdf] ; dxsf ; fylx ; cufl8 5f}. cemefjh xfdf]k:tfn]of]eGbf / d]f]jolQmut hlj gdf ; d] 7hf]kl/j tø goffgofFk]j lwdf sfd ugkg]x\$5 . NofPsf] 5 . ; dxsf] cfly\$ artn] ; d] d cfkmhfo{ sflssl 5f]l ePsf]v]l df xfdf] ; -; fgf sfo{ ug{ 9f]\$f vNnf u/\$f goffFk] Q leqdf0 pAhglf ; wf/ ug{ 5 . uspf] o; k\$]f/sf] kl/j tø Nofpg] vflh/x\$]l 5'. cf/-cf/-Pg= ; aVjf; efn] cf/-cf/-Pg= ; aVjf; efklt d / d]f]; dxsf] ; ~rfng u/\$f]cf0-kl-Pd-Pslst] zqhij tk]f6 wGoj fb . cfufdl lbgdf klg o; Joj :yfkg_ tfInd ln0{o; k\$]f/af6 v]l k\$]f/sf sfoqmdx ; df lg/t/tf kfcl] eGg] ; ? u/\$l 5'. o; /l v]l ubf{t/sf/laf6} sfdgf ub\$'.



Cgtjftf{ ; dbfodf ſoqmdn] ; ſf/flds k̄efj kf/\$f] 5

ḡfn uſdlof k̄lgdof; :yf -cf/-cf/-Pg_ n]
; aVJf; ef lhNnfſf]gf}j 6f uſlj; x̄df ; g\@))!
b]v Ibuf] uſdlof hllj ſlikfhg ſoqmd nfu"ul//x\$ʃ]
5 . o; } ; ſlikfhg /x] o; ſoqmd; kf cfj 4 e0{
ſfo{ ; Dkfbg ub] cfpgePsf ſoqmd ; eflhs >
Zofdsdf/ a:g] ; kf Ibuf] hllj ſlikfhg klqsfſf
nflu ePsf] ; flffTſf/M ; =



Zofdsdf/ a:g]

☞ cf/-cf/-Pgåf/f ; aVJf; efdſ ; flnt Ibuf]
uſdlof hllj ſlikfhg ſoqmd x]//xg'ePsf]
5 . o; ſoqmdsf]p2]ox̄ ſ}ſ]x̄ <
ḡfn uſdlof k̄lgdof; :yf cf/-cf/-Pggn]
cfkn]rf/kq]cj wf/0ff- lzIff, hllj ſlikfhg,
:j f:Yo / ; zf; gnf0{ cuſsf/ u/l uſdlof
; dbfosc]hllj ſlikfhgdf ; wf/ Nofpg k̄tig/t
5 . o; ; :yfåf/f Ibuf] uſdlof hllj ſlikfhg
ſoqmdn]lhNnfſf (j 6f uſlj = x̄df Toxfſf
; dbfox̄ ſf] j t̄fg hllj ſlikfhg k̄offhlnf0{
cemdhāt kfg{tyf c̄o a:\$nks ; kf k̄offhlsf]
lj ſf; u/l nlf t̄ j uſf]hlj g:y/ psf; l /fli6o
ul/al lgj f/0f cleofgnf0{; xofu ug{xf].

☞ ol ſoqmdn]oxſf l̄ k̄g ; dbfosc]pGgltdf
ſlQsf]6]f k̄ofPsf]5 h:tf]nflu <
o; ſoqmd ; g\@))! b]v o; lhNnfdf
; flnt 5 . jf:tj df eGg] xf] eg] lhNnfdf
ſſsx̄ ſn0{ cfocfhgſf nflu ſ/]faf/ldf
t/sf/l v̄l ug{; ſf0Psf]5 . v̄fbaſ/l ahf/sf]
; ſlikfhgſf clwsfz ſſsx̄ ſn]xfn Joj ; flos
t/sf/l v̄l ug{yfnſf 5g\ cfheGbf %-^
j ifcl3 pglx̄ ſn0{ ſ/]faf/ldf t/sf/l v̄l

ug{o; ſoqmdn]7hf]; xofu k̄ofPsf]lyof].
ufpEfpEſf ; dxx̄ lgdfſf ePsf 5g\ C0f
; ffng e0/x\$ʃ]5, h; n]; fxðxfhgsf]rsf]
Jofhsf]C0faf6 hfþfpgsf] ; fy}yk Joj ; fo
ug{ Ps e/kbf]cflyſ ; kf ag\$ʃ]5 . o;
ſoqmdaf/f ; ffnglt kf ſlffaf6 ; fwf/0f n̄yk9
l; sl ; dksf]ſlffaf6 C0f ln0]Joj ; flos; kdf
vbſ k; n ; ffng ug{ePsf]5 . o; ſoqmdsf]
; xofu df knfl:6s 3/df ađ} dl t/sf/l v̄l
u/l cfocfhg u/\$f Hj n̄gt pbfx/0fx̄ 5g\
lj ſf; lgdfſf ſfdx̄ h:t} :sh ej g,
vfglkfgl, l; ff0shf]cflb lgdfſf u/\$f 5g\
; dbflos ej gx̄ lgdfſf u/\$f 5g\ log}x̄ 5g\
o; ſoqmdn] ; dbfodf kf/\$f] ; ſf/flds
k̄efj x̄ .

☞ tkf0ſf] cḡej df ſoqmdk' { / ſoqmd nfu"
ePk]5 ; dbfodf ſlQsf]km's kfpgePsf]5 <
d]f]j rf/df ſoqmd nfu'ePkZrft ; dbfosc
dflg; x̄ ſn]cfo cfhgsf nflu t/sf/l v̄l tyf
p̄gt afv̄ kfng ſoqmd ; ? u/\$f 5g\ cyſf
pglx̄ ſf cfocfhgsf] ; kf k̄lxrfg u/l ſf0ſf ogſf
nflu pt; flxt ePsf 5g\ ; dbfosc laleGg

; d:ofx; nf0{ DaGwt lgsfox; df cfj fh p7fpq ; lhn}; j lsfg{rxfx} g\ h:t }gofFkjj lwsf]wfg
 ; Sg]ePsf 5g\ sfoqmd nfu"ePsf lgx; df v]ldf P; =cf/-cf0{ klij lw ckgfp] pTkfbg
 ; fwf/0f nyk9 ug{g; Sg} ; lj/n}; Vefdf 5g\ gxg]xf]sl eg] clwsfz ls; fgx; n]; xh ; kdf
 clwsfz 3/x; df :jf; Yo ; /; kn0\$ f nflu ; he :j lsf/g\ ha pTkfbgdf k/Dk/fut tl/sfeGb
 zflfnox; lgdf]f u/l kofu u/\$f 5g\ To:t} a9l eof] ta of]rf; f]sf]j ifo ePsf]5 . o:tf
 u/] lxhf] Dd ; dxd cfaf4 gePsf ; dbfosf ls; dsf rgy]tx; s]z; xh aG]u/\$f 5g\
 ; b:ox; ; dx lgdf]f u/l To; sf]; :yfut lj sf;
 u/l cfh ; xsf/ldf ; dfj ; ePsf 5g\ ufpf
 ; Dk0f{ ; dx; Ps ; xsf/ldf cfaf4 e0{l; u}
 cfj fh ln0{j sf; df cufl8 a9\$ f 5g\ ; dbfosf]
 cfly\$ tyf ; fdflhs lj sf; sf]hflu ; xsf/l dfkmf
 ; Jf dhs sfoqmdx; ↗ ; /sf/l lgsfox; ; U sfoqmd Psbd
 ; ffng ul//x\$ f 5g\ ; d]vPsf]5, o; nf0{ Joj l:yt ug]s]g} gof"
 ↗ ; /sf/l lgsfo; u tkf0{x}sf] ; DaGw k]fj sf/l ePsf]5 .
 s:tf]/xG5 < o; nf0{ Ibuf] ; kdf
 ; /sf/l lgsfox; ; ↗ ; dGj o / ; xsfo{u/l o; Joj l:yt ug{lj leGg
 ; dGj o / ; xsfo{u/l o; sfoqmdn]lj leGg
 sfoqmdn]lj leGg cfocfhg]sf sfoqmdx; cufl8 ; d]x; xsf/l lgdf]f]sf]sfoqmd
 a9f0/x\$ f]5 . lbb^a / dt:okf]y/ldf afv] kfng, k]fj sf/l eGg]sf] ; u/l
 knk]hsf]g; l :yfkf] ; /sf/l lgsfox; ; u]f ; xsfo\$ f pbfx/0fx; xg\ o:t)c]o yk]sfoqmdx; ; ? u/l; s\$ f 5f}. ; fy}
 cemJofks; kdf ; xsfo{ul/g]offhgf /x\$ f]5 . xfdL clxn]v g}
 ↗ ; dbfox; t a9l cfzfdvl ePsf 5g\elgG5 ; xsf/lx; nf0{ cfk]g] cfDbf]lsf] ; f]sf]
 lg < klxrgu/l cl3 a9g k]f; fxg ul//x\$ f 5f].
 ; dbfo cfzfj fbl o; cydf ePsf 5g\ klij lwx; sf]lj sf; gePsf]xf]g . h:t }g]fn s]if
 ls, pglx; df cfk]g] ; dbfosf]lj sf; cfk]g] cg] Gwg kl/ifbn]yk}klij lwx; lj sf; u/\$f]5
 ug]5{eGg]efj gf 5 . h; sf]nflu xfdlx; cfk]g]; u]f t e0{ lj leGg sfoqmd tyf t/ tl klij lwx; ls; fg; fd'ku\$ f 5g\ of]klij lw
 ; :yfx; ; xofu lbgdf a9\$ f]kf0G5 . h; nf0{xfdln] ljsf; / k]f/sf] b]/lnf0{sd ub]nfg] / v]l
 pglx; df cfzfj fbl a9\$ f] geg]; ; fdflhs k]ffn]sf]pTkfbstj nf0{a9fpq]; f]fdf 5f].
 ; zQns/0f ePsf]aen]kb5 . ↗ ; c]fodf o; k]qsfdfk]f s]g}; Gb] 5g\ls <
 sfoqmdsf]; dodf cf0k/\$f s]g}r]lx; 5g\ k]fodf o; k]qsfdfk]f d o; sfoqmdsf]tk]f6
 sfoqmdsf]; ?df nh]f; dbfosf ; b:ox; nf0{acfk]g] ufpf gd]f agfcf] cleofgdf nflg cg]/f] ub5'. ; fy}
 sfoqmdsf]; dx ; xsf/l ; :yfnf0{buf] ; kdf cufl8 n]fg cklx ub5'.
 ↗ ; dbfosf art sfoqmd lgs} k]fj sf/l b]vPsf]5, o; nf0{ Joj l:yt ug]s]g} gof"
 ; f]f 5 ls < ; xl s/f eGg]of]. j f:tj df ; dxd art sfoqmd Psbd
 ; d]x sfoqmdx; ↗ ; /sf/l lgsfox; ; U k]fj sf/l ePsf]5 .
 ; dGj o / ; xsfo{u/l o; o; nf0{ Ibuf] ; kdf
 sfoqmdn]lj leGg Joj l:yt ug{lj leGg
 cfocfhg]sf sfoqmdx; ; d]x; xsf/l lgdf]f]sf]sfoqmd
 cufl8 a9f0/x\$ f]5. ; ? u/l; s\$ f 5f}. ; fy}
 xfdL clxn]v g}



rGb\$nf k/fhhL

; aVJ f; ef lhNnfsf]
lj s6 / buſ uf= lj = ; =
gdsf]j f8 g=^ ^ oflS; Gbf
ufpmFlgj f; l @! j lifqf
rGb\$nf k/fhhL lj j flxt
dlxnf xg\ pgn]hlj gdf
lj Bfnosf] d\; Dd b\g

; Dd kf0gg\ lj Bfno hfg]pd]df bfp/f3fF
/ d\hfkft ub\ff rGb\$nfsf] pd] lj Tof].
cfkn'l\ \$f]; fylx\ k9g]n\g]/ lj le\g ; 3
k9g kg\l/x\g e\g]1fg cfof]. k9g k5{e\g]
r\ t cfof]t/ Pp6l u\yln]; fd\o lj Bfylh]
em\lj Bfno egf{eP/ k9g]s\f]; Dej klg
lyPg . ufp\ff u7g ePsf ; d\lx\df ; lgoldt slff ; ffng dfq ePsf]5g . ; d\sf]
Nof\hufpg'kbf{rGb\$nfsf]dg lv\g x\g]of].
; fylx\ n]; fd\o ; xl ub\{pgnf0{cfknh]
klg ; xl ug{k\ff s:tf]x\g]of] < e\g]n\g'
:j eflj s lyof]. pgn]cfkn'cfj 4 ePsf]c?of
e\g5g V]\A tg dg / j\rg nufP/ u/k\5
t\ff]:j fj n\ag ; d\df klg w\}k6s cfknh]
gk\g]s\f s\k /x\g5 . xfd\lnf0{ k\g slff

; kmntfsf]sy:

hx“0R5f Toxf“pkfo

k9g]0R5f hfx] u/\\$l xg\ ; d\hn]k\g slff
; ffng ug{w\}; :yfsf]9\\$f 9s9sfot]t/
klg k\g slff ; ffng ug{ ; Dej ePg .
g\kfnldf Pp6f pvg 5 æhx“0R5f Toxf“
pkfo\ df5\h]rfx\k\5 gk\g]; fob}sd\}j ifo
x\hfg\ rGb\$nf nufotsf ; fylx\ k\g slff
k9g] rfxgf cfkn\}; d\sf] a\}sdf k\tfj

/fv]. ; d\df 7h\}
5nk\m k\5 :yfglo
; dfh; J\ efj gf
ePsf ; fwgf /f0{
th; f k/fhhL, j\j tf
k/fhhL cflbn]
:j o\} lsf j g\}

k9fpg ; xhls/0f ug\of]. clxn]p0mufp\ff
rGb\$nf k/fhhL nufot c\o cf7, bz hgf
dlxnfx\ k\g slff k\9/x\\$f 5g\ ; xhstf{
; fwgf /f0{e\g x\gæfdl h; / x\g l\ffsf]
phofnf]rfxg\ nf0{phofnf]5/] g\5\85fF
of]xfdf]k\l\4tf g\}xf]. xfd\lnf0{cfknf]u/]
plgx\ nf0{k9g n\g ; Sg]agfP/5\85fFclxn]
klg /fd\sf] ePsf]5 . c?of t\ff]:j fj n\j g
d\sl c\l\ff %\\$ j if\qf g/dfof k/fhhL
e\g x\gæuj fgn]klg t\rtf d k\of0lbG5'
e\g5g V]\A tg dg / j\rg nufP/ u/k\5
gk\g]s\f s\k /x\g5 . xfd\lnf0{ k\g slff



; ffng ug{7h} dxfef/t h:tf] nfluof] t/ ; dxdfkrf Ps h6 xg / cfkrf]; d:ofx₂sf] ; dxsf] ; lqntf / ; b:ox₂df Pstfsf] ; dfwfg ; fdxs 5nkm dfkrf vfg l; sfPsf] pT; fxn]of]; fdgo h:t}eof]. ej iodf klg 5. ; dxsf] lgdfaf6 xfdln]cfkrf ; d:of xfdl ; dxs}dflbdaf6 w/}s/f ug{ ; S5fF bfg / ; d:ofsf] ; dfwfg vfg ; lfd ePsf efg]nfl5 . k/fhhl ylg'xG5-.ca rGbsnfsf] 5fF..; fgltgf sfddf j flx/l zlQnsf]vfhlug{clf/ lrqg]/ ; xl ug]; kgf l5s}k/f xG5 .J eGbf cfkrf eqsf] zlQm vfg' a7 xG5U eGg] o; } ; dxsf] ; b:o Pj d\k19 sIffdf kf7 oxl ; dxaf6 l; Sg ; lsG5 .

cllbog/t ultf /f0{eGgxG5- .d nlg ; Sg] ePk15 c? dlxnfx₂sf] nflu eP klg cf/-cf/-Pg= ; k19 sIffsf] nflu lgj fg nyl] k7fpq]5'.J ; dxsf] of] ; lqntf by] cf/-cf/-Pg= ; ^aVjf; efn] pQm k19 sIffdf sfkl, 86kg / k!tsx₂ ; xofu ug\$; fy] lgoldt cgldg ug] / csf] k6s klqnof k/fu/l lgj fg k/dl k19 sIff ; ffng u/lbg] jrgj 4tf JoQm u/\$f]5 . ; dxsf]pt; fx / hfg/ by] cf/-cf/-Pg= ; ^aVjf; efn]; dxsf] dgfan a9fpq cgldg / :6zg/l ; fdg₂ ; xofu u/\$f]xf].

; dxsf ; b:ox₂ eG5gA .cf/-cf/-Pg= n] xfdlnf0{7h} ug nufPsf] 5 . xfdlnf0{

; w}csf\$] dV tfSg] k/Dk/faf6 dfly p7g ; Sg' klg Pp6f dxTj k0f{s8L xf]. ; wF csf\$]cf8, e/f] fdf lx8g'n^8f]xg' xf]. c?of t] f]:j f j nDag ; dxn]rfn\$]of]sbd ctGt cg5/0f0 5 . cfkrf]; d:ofsf]vfhL ug{ / ; d:ofsf] lgsf; vfg' klg ; dxsf] dxTj k0f{sbd xf]. cGo ; dxn] klg o; ; dxsf] ; kmntfsf] kf7 l; Sg' k5{. ; dxs} sf/0fn]lg/lf/ rGbsnf k/fhhlrf]k9g]wf\$] k/f ePsf]5 . cfufdl lbgdf k/fhhl] ; fpF clf/ vf/] k9g nlg ; sg . xfdffzesfdgf .

O blkaxfb'/ /f0{ -; fdflhs kl/rfns, cf/-cf/-Pg= ; ^aVjf; ef

cgej

Ij Bfnodf g; f]ſf]kl/j tø



○ 6lsf /f0{ ○ /ltf lnDa'

tflnd tflnd eGg]w]kN6 ; g\$ʃ t lyof] ldhf; lnf]af]laf6 tflnd ; ?cft ug]eof].
t/ tflnd eg\$ʃ]s:tf]xf]eGg]s/f xfdlnf0{ clg Ij :tf/]lrqxs, cfsif\$ kf]6/xs /
yfxf lyPg . klxnf]kN6 gkf]n uſſdlof kg]lgdſſf /ElrEl df]ſſf8dſf n]vPsf zAbx, syf,
; :yf cf/-cf/-Pg= ; ^aVJ f; efn] tflndddf pvg, /df0nf ; To 36gfix ; gfp]ij ifo
efu lng]cj ; / lbPkI5 yfxf eof]s, tflnd cuſſl8 a9fpgeof]. xfdlnf0{tflnd cj lwdf
s:tf]xf]xſ . o; ſf]nflu xfdl b0{hgfdfq ſ]l l; sl /xſf j f k9l/xſf 5f]eGg]efg g}
xg] tflndddf ; xeful xg]; Dk0f{lj Bfy]x / ePg sl xfdl sg]?lrſf]lj ifodf 5nknn
lj Bfno kl/j f/sf] kToſpb}gkToſPsf]ſ/f tflnd u/l/xſf 5f] :shdf
tkn]f6 cf/-cf/-Pg= ; lsPsf]ef]hkN6af6 g}j Bfno k9ſʃ]eGbf ; fRr}g)km/s
; ^aVJ f; efnf0{w]} ; /; kmf0df ; ſf/fTds xbf]xſ tflnd . :shdf
w]}wGoj fb . ; fy} ; /; kmf0df ; ſf/fTds k9af slxn] ſfxLFk6af/
xflb\$ cfef/ k\$6 kl/j tø b]vg yfNof] nflu,]lgGbf] nflu]klg xg
ub5f] ; S5 t/ ToxfRo:tf]ePg . ; fy}; do uPsf]
ca nfuf]tflnd s]lj ifodf lyof] < klg kQ}ePg, cem slxn] ſfxLF5f] ld7f]
kſfj ſf/ltf ſ:tf] /Xof] < xfdln] l; ſ\$ʃ ult ; ultn]engeng]; ſf0ſf]kſfj ſf/tfdf
ſ/fx, cgej hg Hofb]z]lffk] / kmbfol yk phrhf{ylk/xſf]lyof]. tflndſf]lj ifoj :t'
xg ; ſg]5g\lj ifo lyof]; dbf0ſf]cu]f0df xfdl]nflu cToGt]gfb] / slxNo}; Gb}g; g\$ʃ]
; ~rfnt k0f{ ; /; k10{ſfoſſmd -CLTS_ A lj ifo ePsf] ; a} ; xefulx, ſf] nflu
/ tflndddf ; xhſtſf] eldsfdf xg]xGyof] lh1f; ſf]lj ifo t 5b]yof]/ clt ; fbleſ
Ibuf] uſſdlof hllj ſfſfhg kl/of]hgf -SRLP_ nflu gyxſf]lyof]eGg]ptf o; ſf]ſfoſſj og
cf/-cf/-Pg= ; ^aVJ f; efsf ; fdflhs klf eg]ſlQſf]kſfj ſf/l xf]h eGg]ſ/fdf
kl/rfns >l blkaxfb/ /f0{ pxſſ]xfdlnf0{ rflxFz aſf nflu/xſf]lyof]t/ crDd eof]
@)^\$ kf] % ut]v & ut]; Dd hDdf # kToſpb}gkToſPsf] ſ/f tflnd ; lsPsf]
Ibg ; xhſs/0f ub]l l; 2]j / df]j=gddf ef]nkN6af6 g}lj Bfno ; /; kmf0df
tflnd ; ~rfng ug{eof]. pxſſ] ; /n / ; ſf/fTds kl/j tø b]vg yfNof]. oxl xf]

ufA s/f . hg crDdsf]kf\$]v]b}5'o:tf] kl/j t] / ; wf/ lj Bfnodf slxNo}klg sg} zlQm] Nofpg ; Sb] eGg] nfu\$] lyof]. olt sl7g sfd Pp6f ; fgf] tfldn]; wf/ Nofp] xfdl t tl5Ss k]of]. To; h]xfdl pT; flxt ag] ; /; knf0{sfogmdnf0{; kn agfpg nflu k/]f 5f] xfdf]lj Bfy]s] !; b:olo ; /; knf0{; ldlt klg 5 h; sf] ; ofhs 5g\; fyl dgl/fh tfdf^a.

To; kl5 s/f afE] /Xof] kl/j t] s] eof] eGg] < lj Bfnodf /x\$] zf] fno k]fdf gcfPsf]/ ; a} fylx] kfvflt/ hfg]uy]. clxn]t ; a}; fyl nfd]kfn] kv] klg rkl]f g]b; f-lk; fa ug{hfg] ug{ yfNg' eof]. lj Bfnosf] j /lk/l hyfefj l k/]fgf sfuh, ; Gtnf, rsn], lj :s6, rfprfpsi vfhx] gkmfn] lglZrt :yfgdf kmNg] ug{yfNg' eof]. olt e0; skl5 lj Bfnosf] j l/k/ lb; flk; fa blu]w / kmf]xf] clxn]kf0]g]. lj Bfno ; /; knf0 ; wf/ cfPsf]b] xfdl ; a}bu 5f] u?x] / cleefj sx] klg v'; l xg' ePsf] 5 .

To; u/l xfdl / xfdf]; ldltn]s]ul//x\$]

;"rgf

ufdl0f kg]lgd]f ; :yf cf/-cf/-Pg= ; ^aVJf; ef lhNnf]n]; -rfng u/]f]ufdl0f hllj sfkfhg sfoqmd -P; cf/PnkL_sf]lqnofsnfkx]nf0{; d] k\$]fzg kf/De ul/Psf] o; lbuf] hllj sfkfhg klqsfdf tkf0{s}; dbfosf]lj sf; lgdf]sf ; dfrf/x], :jf:Yo ; Nnfx, /fli6o rf; sf]lj ifo, ; dbfosf] ; kmntfsf syfx], gofFk]offbf0l lj rf/ /

5f]eGg]klg yf]s/f n]g rfxG5f] lgoldt kdf :jf:Yo l:ylt canf\$g ug]. ; fylx]nf0{ Nnfx lbg]c6] ug]; fylx]nf0{ ; Denfpg] / g; s] u?x]; klg ; xofu df]g]clg knf] Joj :yfkgsf]nflu lj Bfno k]f; gdf cg/f] ug]ufot ; /; knf0; DaGWL ; 8s gf6s b]fpg]/ afnSnj x] klg u7g u/l kl/rfng ug]; f] agf0/x\$]f 5f]. ; fy} cf/-cf/-Pg= ; :yfn] zf]fno lgdf]f ug{ ; xofu u/]f afn]f / lu6l ; \$ng ug]sfdf lj Bfy]s]n]dfq lhDdf lng]; ldltn]lg0f] u/]f] 5 . cf/-cf/-Pg= ; ^aVJf; efnf0{oxl klqsfdfknf] s]cg/f] ug{rfxG5f]eg])) hgf lj Bfy]s] /x\$]f]o; k]df=j =df Psk6df @ hgf jf # hgf dfq hfg ; lsg]; f]f] / hlf]c] :yfsf]zf]fno /x\$]f]x] ; f]ckb]kt 5, To; h]o; df=j =df zf]fno lgdf]f ; xofu u/l lbg' xf]f eGg]lj gd] cg/f] ub5f] ; fy]k] -kn] klg o:tf vfn]tfldnsf] cfotf]hgf u/l lbgxf]f eGg]klg cg/f] ub5f] / ; :yfsf]p0/f] / k]ltsf]sfdf gf ub5f] - n]vsfao >l l; 2]j /l k]df=j =gd \$, ; ^aVJf; efdf s]ff ; ftdf c]bog/t 5g\

tkf0{s] af6 l; hg]ePsf 5f]f slj tf, ult k\$]flzt ug]f] ; fy} ; dbfoaf6 kf]kt p]s[6 b0]6f / rgfnf0{k]:sf/sf]; d] Joj :yf ul/Psf]5 . cfufdl c]ssf nflu oxfr]n]; Nnfx, ; emf] / dx]j kof{ ; fdulx] k7f0{; xofu ul/lbgx]g cfux ub5f] xfdf]nf0{kqfrf/ ug]7]f]gfg

gkfn ufdl0f kg]lgd]f ; :yf kf]a=g+*!#), nflhDkf6, sf7df8f]gkfn

; dXn]ufpof kl/j tgf Nofof]

○ hltaxfb/ -ofDkm' /f0-

; aVjf; ef lhNnf dT:okfy/l uflj; ; dX u7g ePkl5
j 8f g+=^ df kg]Pp6f lj s6 ; fgf]ufpEf] xfdlnf0{To; ; :yfn
gfd xf] yJ].



o; ufpEf ; a} ofDkm' /f0{ hftlx; ; xofyl sfo\$tf{ tflnd, zhe zftfno
a; fzf; ubcfPsf 5g\ hDd @% 3/w'l tyf ; /; kmf0{ tflnd, s/]faf/L tflnd,
dWbaf6 !#) hgf hg; vof ePsf] o; 3/fo; l tyf jftfj /0flo ; /; kmf0{ tflnd,
ufpEf c? sg}Joj ; fo gePsf] o; yJ] cj nf\$g e\$of, cgt/ ; dX e\$ofx; h:tf
ufpEf klxn]v g} afnlj j fx, axlj j fx x/\$ ls; ldsf tflndx; u/f0{xfd]h:tf]
ug]ktng /lxcfPsf]5 . !#) hgf dWbaf6 clzlf tufpEf nf0{1fg / ; lksf]j sf;
cfhsf]of] PSSf0; f] le/kfvf, hun, vfhf, gfnfdf lt/ nDsg]df\$ f lbof].
ztfAbldf cfP/ klg lb; f, lk; fa ug]k; clxn] oxfsf]
lzlffsf] af/df egg' vfn8]klb]v lnP/ ; he afl; Gbfxf; ; dX dfq
kbf{SLC kf; u/\$f rkl{ Dd kpfu ug{yfn\$ f 5g\ agfpg, af6f] wf/f]
e\$g]sf] klg 5g\ clzlf sf/0fn] ubf{ xfhf ; fob oxfsf] uNnl, uf]f]; f] hlg s wf/f sjf ; /; kmf0{
; dbfo hlxn]klg kl5 kl//x\$ f 5g\ xgt ug{flu k/\$ f 5g\ le/kfvf, hun, vfhf,
o; ufpEf cfheGbf sl/a b; j if{klxn]v g} fgnfdf lb; f, lk; fa ug]k; clxn]
fgf]tgf] ; d\$ x; u7g gePsf] xf0g . vfn8]klb]v lnP/ zhe rkl{ Dd kpfu
t/ klg sltkonf0{ ; dX eg\$ f s] xf] < ug{yfn\$ f 5g\

o; n]s]sfd u5{e\$g]af/]s]l yfxf lyPg . clxn]oxfsf klof; f]cfdf aafxf; s,
kfrlg sfnb]v g)rNb]cfPsf]o; ufpEf v k9g n]g ghfGg]k; cgfkrfi/s
/lt-l/j fh cem]klg 55, To; sf]cfwf/df s lffsf]k9f0n]ubf{cfkn]gfd; Dd n]g
; dfh rln/x\$ f]lyof]. yJ]ufpEf]; d\$ x; hfg]ePsf 5g\

klxn]o; ufpEf sg} klg ls; dsf]
ufj7l, tflndx; ug{k/df sg} klg JolQmsf]
ut\$ f] lbg Pp6f lqmfzln u}; /sf/l 3/ cfEgdf cyjf ; f] hlg s rf]f/f]f
; :yfn] xfd] ufpEf kf0nf 6\$ of]. To; } ug{ kg] afWbtf lyof] eg] clxn] cfP/
; :yfsf] ; xofydf xfdln]sfkm]l; xb]l ; fdbflos ej gdf ug{ klu\$ f 5g . of]
; j fj nDag ; dX eg] ; dX u7g u\$ of]. ; fdbflos ej g klg ufpEf] ; xofy

hg>dbfg / cf/=cf/Pg= ; :yfsf]cfly\$ sfoqmd -SRLP_sf]7hf]bø 5 eGg]d
 tyf kflj lws ; xoflaf6 lgdf]ePsf]5 . 7fb5'. / cfufdl lbgx; df klg o; y/l
 h]xf] of]ufpRlxn\$]thgfd clxn] o; ; :yfn] xfdf] h:tf] lj s6 clzlift
 s]L dfly pS; g ; kml ePsf]b]M65 . ufpRf0{s]L xb; Dd dfly psf:g ; xofl
 xfdl / xfdl ufpR]bfhlef0nf0{olt w]} ul//xf] \eGb}d cfkm'o; ; :yfdf ; lqmo
 1fg / ; lkx; l; sf0{clxn]cfP/ o:tf] eP/ cufl8 a9g]køf ub5'.
 kl/j tø u/fpg' eg\$]f] klg gkf]n uflolof -sfkmø] l; *bjl :j fj nDag
 kb]gdf]f ; :yfsf]buf]uflolof hllj sfkfhg ; d]d:okf]/l-^ yj]6f]h ; aVjf; ef

slj tf

df]t df ufpF emnn



○ ; lsnf u?^a

df]t df ufpF emnn, lahhL aQl an\$]f] cf/cf/Pg eGg]; :yfn]ufpF pHofnf]5/\$]. pFgt v]l u/] s]fdf e/ kb]F 1fg / l; k aem] ufpF]lj sf; ub]F
 kf]vL xft lvof0, cufl8 xfdl ; b]F df]t df ufpF sf afl; Gbf Psh6 e0 a9b]5f]. ; d]df a;] ; a\$]f]b]M/ ; Gg]5f]. s; /l xG5 lj sf; dgdf ToxL uGg]5f].

cn]l v]l df]t df, kml df 0Gbjf ; nn lahhL aQl afn] df]t df ufpF emnn . -uGofE :j fj nDag ; d] , gd-@ df]t df

cf0-kl-Pdsf]bø

○ nldl lj zj sdf{ ; Gg' xf]f afaf, cfdf s]fs bfhlef0 cf0-kl-Pd sf]1fg 5/f]s]fs hDdf e0

kf]a]fl/s dn xfnL afnL gfnL nufpF ldqhlj sg xf]egl 5fgL-5fgL hf]fpF ; qhlj /Vg' xGg u/f]h8la6l l6Da/, afemf] ; t]f]emf] xfnf}s]L-s]L

; f] xktf tflnd ln0{ca cl3 a9f] cf0-kl-Pd= n]/fdf]u5{l; Sg cl3 ; /f] of]l; 4f]t k]f] u/f]xfdl afFghjh pAhgldf bf]a/ xG5 cf0-kl-Pd sf]bø -k]ltzln cf0-kl-Pd= s]fs kf]zfnf; ; aVjf; ef

5f]f k9]sf]f pHofnf].

5f]L k9]3/}pHofnf]..

5f]f / 5f]L b]f]f0{; dfg lzIff lbcf].

; xsf/L ; ~rfngn] ; dbfodf pt; fx

○ efj gf /f0{



; ^aVJf; ef lhNnfsf] wk' uf=j =; = hllj sfkfhg; DaGwl sfo{ ul//x\$]f] 5 . hg; Vofsf lx; f]n] lgSs} afSnf] ufpFxf]. ; dbfosc u/la, c; xfo, blnt, lgd\vf / o; uf=j =; =df l]j le\g hft-hft wd{ hghftlsf]cj :yf x]L ; l]j wf pknAw u/fpg] ; Dk\bfosf JolQm\zsf]a; f]f; /x\$]f] 5 .

lj sf; sf bl[6n]cto\gt kl5k/\\$f]f]ufpaf g\kfn ufdl0f kglgf\ff ; \yf -cf/-cf/\=Pg= sf]; xof\ufdf >l dsfn' axp2\zolo ; xsf/l ; \yf xfn; fn}btff{ePsf] 5 .

o; ; \yf btf{ xg' cufl8 of] ufp\ff cf/-cf/\=Pg= \af/f ; ~rf\nt ; -; fgf ; d\kx\z dfq ; \ff\nt lyP . o; lf\df ; \ff\nt bz j6f ; d\kx\z af6 dh ; ldlt agf0{ lgdf\ff u/lPsf] of] ; xsf/l\df xfn ; Dd @\\$@ hgf z\ff/ ; b:o /x\$]f 5g\eg] z\ff/ ; Vof @%) k'u\sf] 5 . z\ff/ ; b:ox\z af6 dfl; s \z kdf art xb}cfPsf] 5 . cfly\\$ j if{ @) ^%÷) ^^ df o; xsf/l\ln]!))) z\ff/ k\ff\opg]nlo /fv\\$]f] / ; lkdn\\$ sfo\z df nufgl ; xof\uf ugi 5 . qmdz ; xsf/l\df z\ff/ ; b:ox\z sf] atfPsf] 5 . o; k\\$f/sf] nufgl\ln]ul/al / j[4 e0/x\$]f] 5 . cfufdl lbgdf cem goff\gofFof\hgfsf ; fy ; xsf/l cufl8 a9g\ff wkJf; l 9Ss ePsf 5g\ ; :tf] a9g\ff x]eg]o; lf\df z\ff/ ; b:ox\z ; \yfaf6 yk nfe\ff t xg]b\vg5g\ wk'uf=j =; =df klg ; g\@)) ^ b\ff @)) (; Dd cf/-cf/\=Pg= ; ^aVJf; efn] Ibuf] ufdl0f hllj sfkfhg sfoqmd nfu'u/l lz\ff, :jf; Yo, slif h:tf lf\df cnj f Toxf\ff ; dbfodf

; d\xdf gAa]xhf/ art

○ Irqdfg /f0{



x/\\$ dlxgf dT:okfy/l-^ y] fhsf afvf kfngdf
afl; Gbfxy_ sfkmn] l; xb]l :jfj nDag ; xofy, sif; DaGwl
; dxsf ej gdf hDdf xG5g\ pglx_ sf] ufl]l, cgfkrfl/s slff ; ffng, ; dxsf
Pp6]p2]o xG5 ufpf]j sf; s; /l ug{< ; b:ox_ nf0{nyf tflnd, Joj :yfkg tflnd
kRrl; 3/w/lsf] kRrl; hgf ldn] of] h:tf cfwf/et' lj ifodf ; dxdf ; xofy
; dx ag]sf] 5 . x/\\$ e]3f6df k]of0/x]sf] 5 .
; b:ox_ alr 5nkmn rN5- ..; dxnf0{ crjh of]; dxdf Pstf / nugzlnf
s; /l dfly nhfg]/ sg sfd ubf{/fdf] g]ufpff] sf; sf]d]o s8l xf]eGg]wf/0fsf]
cfDbfgl ug{
; lsG5 < o;
; dxdf ; Q/L j lifqf
j ffb]v ; f]j if{
tGg]lx_ klg plQs}
hf], hfB/sf /
pT; fxsf ; fy
; dxdf v16/x]sf 5g\ ; dxsf] dfl; s s]l k} f 56afPsf 5g\ hf] t]sfn
art tyf C0f nufglaf6 kfkt aofhn]of]; b:ox_ nf0{pknAw u/fpg ; lsg]loj :yf
; dxsf] dhwg (,)) xhf/ klu; s]sf] ldnfPsf] 5 . o; n] ; b:ox_ nf0{cf0kg{
5 . of]; yf cf/-cf/-Pg= sf]; lqmotfdf sg} klg cfktsfnlg l:yltdf /fxt
ldlt @)^# efb|!) ut]u7g ePsf]xf]. k]ofPsf] 5 . ; dxsf]sf/0fn]ubf{; -; fgf
cf/-cf/-Pg= sf] cfly\\$ tyf kf]j lws Joj ; fo ugaf6 j l~rt JolQm] klg
; xofy kfkt u/l of]; dxn]a]s a:g / pBdl aGg klu]f 5g\ ; dxaf6 sv/f
; fdbflos sfdsf] nflu Pp6f ; fdbflos kfng, afvf kfng, sif tyf Jofkf/
ej g ; d] lgdf]f ul/; s]sf] 5 . cfk]f Joj ; fo ug]f nflu C0f nufgl u/k]5
; b:ox_ nf0{a]s a:g ufx]f; fx]gxf] ; bZox_ sf] hghlj sf ; xh aGb}uPsf]
/ 3/-3/ lx8g gk/f] \egl of]ej g lgdf]f dfq 5g hllj sfkfhg sf] /fdf] df]bd
ePsf] xf]. ; y] 6f]hdf zf]fno lgdf]f klg a9b}uPsf] 5 .
-sfkmn]l; xb]l :jfj nDag ; dx,
dT:okfy/l, ; awjf; ef

kf0f3fts P8\af6 arf}

:jf:Yo rf: il

O 8f= ſſf/ ſdf{fo{

Prcf0el ef0/; z/l/df kJ ſ u/kI5
klt/lſſtſds zlQndf ſdl cf0{ſg}klg /ſu klt/ſu
ug] lfdtnf0{lglisf agf0lbG5 .

Prcf0el z/l/df kJ ſ u/kZrft lglqmo eP/; lſſt
kdf ; fdſſotof ſxL dlxgfb]v cf7-bz j if{Dd
al; /xg] P8\af6 ; aVJdt JolQm j:y b]vP klg
cgtt o; ſſhlo b]vkgfym5 . xfn lJ Zj df ; aVJdt
JolQmsf]; Vof nueu \$ s/ſſ klu; ſſf]5 . g]vndf
sl/a &) xhf/ ; aVJdt e} ſſf 5g\6ſ!:yt z]vfh
6ksn tyf ; ?j f/ſu c:ktfnf P8\ ; aVJdttnf0{
k/lſſf z]v ſſfwnufot lJ legg ; lJ wf lglzNs k]fg
ul/G5 . ut r]df * / j]fvdf !\$ hgf ; aVJdtſf
d]o'ePsf]; dfrf/ hfgsf/lſſ cfPsf]5 .

; gV (*! df P8\/ſu cd]lſſdf kltfnuf0Psf]
lyof]. of]/ſuaf6 ; aVJdt JolQm lJ Zj Jofkl; kdf
kf0Pklg lJ z]f u/] ck]sf, yf0NofG8, lkmnlkG;
xſ;a, ef/t, >lnaſf tyf g]vnnufot dhſſdf
Jofks ; kdf k]vPsf]kfoG5 .

Sf/0f

♦ plrt tl/sfn] ſ08d k]v ſu gu/l InE-ofſg
dyg, ubf dyg, d]v dyg ♦ ; aVJdt lJ klt
InE ofg ; ueulſf]z/l/af6 kJ fxxg]j lo{ofſg/;
tyf /ut ♦ ; dlnE ; Defu ♦ j]zof]Q ♦
nfu," cf]flw ; Jg ♦ b]o{ gl JolQm] k]v ſu
u/ſf]l; l/Gh ♦ ; aVJdt JolQm af6 /ut k]of/f]kof
♦ ; aVJdt JolQm] k]v ſu u/l/xſf h]f, bf/l
v]g]JnB b]ta} cflb ♦ PSok-r/ ug]
gfs ſfg 5B]tyf 5fnfnf0{3f] z/l/df uſſg
ug]; aVJdt ; 0ſf]k]v ſu ♦ ; aVJdt uj]tl
♦ ; aVJdt cfdfsf]:tgkfg ♦
c; /lſſt ofg ; DaGw .

nſſf

P8\sf]lhj f0f z/l/df kJ ſ ug{fy ; ?j ftsf]
; aVJdtſf] cj lwdf ?3fvfſl nfu] h/f] cfpg]

kftnf]lbzf nſſg] hlp b]v]g] cfn:o xg] z/l/df
3fp v16/f tyf 8fa/ b]v ſu kg] / qmdzM /ſu a9b}
uPdf nfdf]; do; Dd Hj /f]h]; tfgpg] w]d]lxgf; Dd
kftnf]lb; f nflu/xg] kl; gf cTofws cfpg]xG5,
Hofbf ysf0{dxz'; xg] z/l/df cjl:yt lJ legg
ul]y a9g] lkmof]; lgg] d]vleq bfu b]v ſu kg]cfib
xG5 . /ſu hl6nxb] uP lgdf]gofn] knf]; f]f
cfqmd0fug{tyf 5fnfsf]Soff; /n]; tfp]f P8\sf]
clGtd cj :yfsf ; kdf ln0G5 .

arfj 6

♦ klt-kTglafx] ſcgo; E ofg lqrofsnfkdf
; nſſg /xbf ſ08d k]v ſu ug]♦ l a / f d l s f]
Prcf0el k/lſſf0f0{k]vldſtſf lbg]♦ kofyf]h:6,
6ſg]h:6 tyf g; h]la/fdlsf]/ut gd]f lnbf /
; hgn]lr/kif/ ubf{; tsff ckgfpg]♦ ; dlnE
dlxnf tyf k]if; E ofg ; Dks{g/f]g]♦
/ſu]g/y]xt jf k]v ſo l; l/Gh dfq}k]v ſu ug]♦
ofg Joj ; fo tyf nfucſſflw ; Jgaf6 al-rt /xg]
♦ ; aVJdtcfdfsf]:tgkfg gug]♦
; aVJdt ue{tln]plrt ; dodf uj k]tg u/fpg]
♦ /ſu; DaGwt :jf:Yo lzlff k]v ſu u/]
hgr]gf k]v ſpg]♦ dh'sſf &% lhNnfdf
tflndk]t lrlst; saf6 Prcf0elnf0{ ſdhf]
agfpg]cf]flw . PIG6/12f0/nú lat/g ug]♦
!\$ c~rndf l; l8kn] ſpf6/ ef0/nnf] lgzNs
k/lſſf ſu ug]; lawf; lxtſf] ſ]b|:yfklt ug].
pkrf/

Prcf0elaf6 aRg xfn; Dd ſg}klg c]flwsf]
cflj isf/ ePsf]5g]v]k lg agſf]5g]v]Pig6/12f0/n
c]flwaf6 P8\/ſu k]v ſu kdf lgd]f ge0{Prcf0elnf0{
lgliqmo / lgik]fj l agfP/ ; aVJdt JolQmsf]cfo'
nDEofpg dfq ; lsg5 . P8\ /ſu ſf]pkrf/sf]v]h
e]xſf]5 .

-nyſ k]v ſu bzſeGbf a9l ; dob]v :j:yofkrf/df
; nſſg 5g\