સૌરાષ્ટ્ર યુનિવર્સિટી

Re-Accredited **Grade B** by NAAC
(**CGPA 2.93**)

; F[ZF08=I]GJI; 8LGL V§P]DS SFplg; , GL V§ ; EF TFPZZv*vZ_!! G[X§JFZGF ZMH A5MZGF\!o#_
S, FS\ ; F[ZF08=I]GJI; 8L SFIF", I4 I]GJI; 8L S[I5; 4 I]GJI; 8L ZM04 ZFHSM8 BFT[GLR[GF SFDSFH DF8[
D/[, CTL H[DF ; eI zLVMGL CFHZL GLR[D]HA CTLP

S[D	; eI zLG\GFD	CFHZ q U[ZCFHZ
!P	OMPSD, [XEF. 5LP HM0FL5[ZF4 S], 5ITzL	CFHZ
	OF[P DC\äEF. SP 5F0, LIF 4 p5S], 5ITzL	CFHZ
ZP	OMPEZTEF. ALP ZFDFGH	U[ZCFHZ
#P	OMPULZLXEF. ; LP ELDF6L	CFHZ
$P	OMP5]TF5I; 'C V[, PRFCF6	CFHZ
5P	OMPD I[ZI; 'C HP HFOHF	CFHZ
&P	OMPV[DPÒPSF, FJOLIF	CFHZ
*P	OMPIG, F[AZLAG VFZPNJ[	CFHZ
(P	OMPEF:SZEF. HPE8'	CFHZ
)P	OMPN1FFAG 5LP RFCF6	CFHZ
!_P	OMPA/JTEF. V[, P HFGL	U[ZCFHZ
!!P	I5POMP RNSFgTEF. VP ICZF6L	CFHZ
!ZP	OMPALPOLPU[%TF	CFHZ
!#P	zL G[C, EF. ; LP X§,	CFHZ
!$P	OMPIGN¿ EF. 5LP AFZM8	U[ZCFHZ
!5P	OMP; 'HI EF. SP T[Z[{I F	CFHZ
!&P	OMPJ0FFFAG 5LP KLKLI F	CFHZ
!*P	OMPVFZPOLP; F6HF	CFHZ
!(P	OMPVrI]TEF. ; LP 58[,	CFHZ
!)P	OMPVFZPJLPS[XJFZF	CFHZ
Z_P	zL SD, [XEF. 5FZ[B	U[ZCFHZ
Z!P	5FP S]DFZ VXMSEF. 50IF	CFHZ
ZZ	OMP zLDTL AFGAG WSF6	CFHZ
Z#P	zL D[C], EF. 5LP~5F6L	U[ZCFHZ

#P   TFP_*v_5vZ_! Z ; MDJFZ YL TFP! &v_&vZ_! Z XGLJFZ s pGF/]J§[XG fv
; \ uG SM, ⱵM DF8[

TFP! $v_5vZ_! Z ; MDJFZ YL TFP! &v_&vZ_! Z XGLJFZ s pGF/]J§[XG fv

I]GJI; §L EJGMq S⫪N⧣DF8[s DFgI ; \YFVM; ICT f

X⫪FI6S JQF"vZ_! ZvZ_! #
5|YD X⫪FI6S ; +GM 5|FZ\E YX[ov

! P   TFP! (v_&vZ_! Z ; MDJFZ YL 5|YD X⫪FI6S ; + X~ YXⱣ

X⫪FI6S ; + jI J:YF v Z_! ! vZ_! Z
5|YD X⫪FI6S ; + ov s 5|YD ; +q ; ↁↂ8Z TFPZ_v_&vZ_! ! ; MDJFZ YL TFP! *v! ZvZ_! !
XGLJFZ ; ⱶLf

! P   TFPZ_v&vZ_! ! ; MDJFZ YL TFP! 5v! _vZ_! ! XGLJFZ s S, F; ~D 8LⱤLⱵ f
v; \ uG SM, ⱵM DF8[

TFPZ_v&vZ_! ! ; MDJFZ YL TFPZZv! _vZ_! ! XGLJFZ s S, F; ~D 8LⱤLⱵ fv

I]GJI; §L EJGMq S⫪N⧣DF8[sDFgI ; \YFVM; ICTf

ZP   TFP! *v! _vZ_! ! ; MDJFZ YL TFP! Zv! ! vZ_! ! XGLJFZ s INJF/L J§[XG f
v; \ uG SM, ⱵM DF8[

TFPZ$v! _vZ_! ! ; MDJFZ YL TFP ! Zv! ! vZ_! ! XGLJFZ s INJF/L J§[XG fv

I]GJI; §L EJGMq S⫪N⧣DF8[s DFgI ; \YFVM; ICT f

#P   TFP! $v! ! vZ_! ! ; MDJFZ YL TFP ! *v! ZvZ_! ! XGLJFZ s ; ↁↂ8ZF\T 5ZL1FF
VG[DↈlFⱤSG f TDFD DF8[

I£ITI X⫪FI6S ; + o v s I£ITI ; +q ; ↁↂ8Z TFP!)v! ZvZ_! ! YL TFP! &v_&vZ_! Z ; ⱶLf

! P   TFP!)v! ZvZ_! ! ; MDJFZ YL TFP_*v_$vZ_! Z XGLJFZs S, F; ~D 8LⱤLⱵ f
; \ uG SM, ⱵM DF8[ⱥI]GJI; §L EJGMq S⫪N⧣DF8[sDFgI ; \YFVM; ICT f

ZP   TFP_)v_$vZ_! Z ; MDJFZ YL TFP _5v_5vZ_! Z XGLJFZ s ; ↁↂ8ZF\T 5ZL1FF
VG[DↈlFⱤSG f v ; \ uG SM, ⱵM DF8[

TFP_)v_$vZ_! Z ; MDJFZ YL TFP! Zv_5vZ_! Z XGLJFZ s ; ↁↂ8ZF\T 5ZL1FF
VG[DↈlFⱤSG f vI]GJI; §L EJGMq S⫪N⧣DF8[s DFgI ; \YFVM; ICT f

#P   TFP_*v_5vZ_! Z ; MDJFZ YL TFP ! &v_&vZ_! Z XGLJFZ s pGF/]J§[XG fv
; \ uG SM, ⱵM DF8[

TFP! $v_5vZ_! Z ; MDJFZ YL TFP! &v_&vZ_! Z XGLJFZ s pGF/]J§[XG fv

I]GJI; §L EJGMq S⫪N⧣DF8[s DFgI ; \YFVM; ICT f

X⫪FI6S JQF"vZ_! ZvZ_! #
5|YD X⫪FI6S ; +GM 5|FZ\E YX[ov

! P   TFP! (v_&vZ_! Z ; MDJFZ YL 5|YD X⫪FI6S ; + X~ YXⱣ

VFYL 9ZFJJFDF\ VFJ[K[S[DFGP S], 5ITzLGF p5I]ST SFI'G[ACF, L VF5JF
I; Ig0S⫪BG[E, FD6 SZJLⱣ

IX1F6 IJnFXFBFGL TFP! *v5vZ_!! GL ; EFGF 9ZFJ SDFS 54 & VG[* GL GLR[5DF6GF
VSpIDS 9ZFJM 5ZtJGL E, FD6MDHZ SZJF IJRFZ6F SZJF AFATP

5P IX1F6 IJnFXFBF C9/GL ALPVDPqVDPVDP TYF ALP5LPVDPqVDP5LPVDPGF X{fFI6S JQF"Z_!! v! Z DF8[5JX VUGL 5IS|F 5Z RRF"IJRFZ6F SZJF AFATP VFYL VSpIDS SFplg;, G[E, FD6 SZJFDF\આવે છે કે, નીચે મુદ્દાઓ માHZ SZJFP

* ALP5LPVDPqVDP5LPVDPGF X{fFI6S JQF"Z_!! v! Z DF8[5JX VUGL 5IS|F UTJQF"VG[FZ SZJLP

* ALPVDPGF X{fFI6S JQF"Z_!! v! Z DF8[5JX 5IS|F DF8[DwI :Y 5JX ; IDITGL ZRGF SZJLP RZDGzL TDH SIDI8 IGI|ST SZJFGL ; ¿F DFGPS], 5ITzlG[VF5JLP

* VDPVDPGF X{fFI6S JQF"Z_!! v! Z DF8[5JX 5IS|F DF8[DwI :Y 5JX ; IDITGL ZRGF SZJLP RZDGzL TDH SIDI8 IGI|ST SZJFGL ; ¿F DFGPS], 5ITzlG[VF5JLP

&P XFIZZLS IX1F6 IJQFI GF VDCMS AMO'GL TFP! (v5vZ_!! GL E, FD6 5Z IJRFZ6F SZJF AFATP

& VFYL VSpIDS SFplg;, G[E, FD6 SZJFDF\VFJ[K[SF XFZLIZS IX1F6G[I|GJI; 8L ; \RFI, T VF8";4 SMD; " VG[; FIg; TYF ALPVDPGF VeI; SDVDF\ 7FGFtDS VG[5FIIMUS VeI; SDGL ZRGF SZJLP

* VFYL VSpIDS SFplg;, G[E, FD6 SZJFDF\VFJ[K[SA **M.P.Ed.** GL 5JX , FISFT DF8[**NCTE** GF eligibility Norms 5DF6[**M.P.Ed.**DF\5JXGL SFI"JFCL SZJLP

(VFYL VSpIDS SFplg;, G[E, FD6 SZJFDF\ VFYI K[SA **Ph.D.** GF XMW IGAWDF\ 5IZ1FSMGL IGD6|S SZTL JBT[**Ph.D.** GL UF. 0XL5 WZFJTF\ CMI T[JF 5IZ1FSMGL 5G, AGFJJL VG[TGMZ\S0"I|GJI; 8L BFT[ZFBJIP

) VFYL VSpIDS SFplg;, G[E, FD6 SZJFDF\ VFYI K[SA Z1FF XIST I|GJI; 8L ; FY[SM, MANZ\XG SZJF IJRFZ6F CFY WZJLP

*P VFYL VSpIDS SFplg;, G[E, FD6 SZJFDF\ VFYI K[SA I05F8DÖ8 VMO VHIS\XGDF\ VDPOL, PGM VeI; SD RF,]SZJIP

VFYL 9ZFJJFDF\ VFJ[K[SX[IX1F6 IJnFXFBFGL TFP ! *v5vZ_!! GL ; EFGF 9ZFJ SDFS v5 GL E, FD6 DHZ SZJIP

VFYL JWDF\9ZFJJFDF\ VFVI[K[XFZLIZS IX1F6 IJQFI GF VDCMS AMO'GL TFP! (v5vZ_!! GL ; EFGL E, FD6 SDFS v& s& VG[ )f DHZ SZJIP TYF SDFSv* DHZ SZJFI; IgOS8G[E, FD6 SZJL TDH SDFSov(GL E, FD6 ALP IP8LP; D1F DSJLP

VFYL JWDF\9ZFJJFDF\ VFVI[K[IX1F6 IJnFXFBFGL p5I|ST E, FD6 SDFSv* DHZ SZJLP

$ VŠpIDS   SFINF IJnFXFBFGF TFP*v&vZ_!! GF 9ZFJ SŠFŠ Z VgJI[GLR[5ŠDF6GF :5[V[, PV[, PALP GF VeIF; SŠDGF 0ZOFZGL E, FD6 5ZtJ[DFGP S[, 5ITzL wJFZF VŠpIDS SFplg; , GL DHZLGL V5IFFV[VF5[, ACF, LGF SFI'G[ACF, L VF5JF AFATP

ZP   OLGzL SFINF IJnFXFBFGF 5+ wJFZF E, FD6 VgJI[4 :5kI, , M GF VeIF; SŠDGF CBCS VTU"T VeIF; SŠD HGvZ_! _ YL VD, DF\ VFJTF VUFpGF BCI 5DF6GF VeIF; SŠDGM VD, HGvZ__)YL SZJFDF\VFVJJF[, CTM TŠDH HGF VeIF; SŠDGM VD, RF,]KP

5ZtJ[:5kI, , M VeIF; SŠDGF\5Š8LS, GF 55ZGF VeIF; SŠDDF BCIGF IGID DHA VeIF; SŠDGM0ZOFZ SZJF RRF"IJRFZ6F SZJF AFATP

VFYL VŠpIDS SFplg; , G[E, FD6 SZJFDF\VFVJJJ[K[SŠTFP *v&vZ_!! GF ZMH D/[, , ; VŠST IJ0FINGL ; EFGF GLR[DHAGF 9ZFVM 5ZtJGL E, FD6MDH\Z SZJFIP JWFF\9ZFJJFDF\VFVJJF[K[S4 ; DI DIFNF CŠUFGF SFZ6[DFGP S], 5ITzL wJFZF ACF, L VF5JF ; JFGC¿[9ZFJJFDF\VFVJJF[K[P

UT SFINF IJnFXFBF C9/GL ; VŠST VeIF; ; IGIDTVMGL TFP! 5v&vZ__) GF 9ZFJ 5ZtJGM 5IZ5+S VŠpIDSDv$q()$qZ___)4 TFP &v(vZ__) YL 5I; wW SZJFDF\VFVJJ[, BCI DHAGM5IZ5+ ZN SZJF 9ZFJJFDF\VFVJJF[K[P

JWDF\E, FD6 SZJFDF\VFVJJJ[K4 BCI GF IGID DHA :5kI, V[, V[, PALPGF DMG; [G VG[IJg8Z ; D[8ZGF VeIF; SŠDDF\GLR[DHA 0ZOFZ SZJFP VeIF; SŠD DŠ0IIM, DHA ; G[Z_!!v!Z DF\યથાવત્ ચાલુ રાખવા .જેથી CBCS ; GF Z_!Zv!# DF\; LW[\, , FU]SZL XSFIP

Special LL.B. Monsoon Semester Syllabus
(June to October)

1   Criminal Procedure code juvenile justice Act. And the probation of Offender's Act.

2   Trust Equity and fiduciary relationship.

3   Legal Language/ Legal writing including general English

4   Paper-II drafting of pleadings and conveyance

5   Paper-III Professional ethics, Accuracy for Lawyers and bar Bench relations. + ADR 40+40+20 Viva

Winter Semester Syllabus (October to April)

1   Law of Evidence

2   Civil Procedure code and Limitation Act.

3   Interpretation of Statues

4   Paper – I Moot Court, Pretrial, preparation and participation in final proceedings.

5   Paper - IV Public Interest Litigation, Lawyering, Legal Aid, and Para Legal Services

JWDF\9ZFJJFDF\VFVJJJ[K[4 RF,]JOF" Z_!!v!Z V[, V[, PALP CBCS VTU"T 5wWIT NFB, YTF GLR[DHAGF IJOFIM ; DI8Zv# VG[$ DF\ZFBJFP

Semester- III
Paper-1   Principles of Taxation Law

Distributionof Marks : Rubric	Marks Allotted
1 Income Tax Law	50
2 VAT Law of Gujarat	50

Paper-2   Environmental Law
Paper-3 Labour & Industrial Law- I

Distribution of Marks : Rubric	Marks Allotted
1 Industrial Disputes Act	40
2 Factory Act	20
3 Trade Union Act	20
4 Industrial Employment (Standing Orders) Act	20

Paper-4 Labour and Industrial Law- II

Distribution of Marks Rubric	Marks Allotted
1 Employee's State Insurance Act	20
2 Payment of Bonus Act	20
3 Workmen's of Wages Act	15
4 Payment of Wages Act	15
5 Minimum Wages Act	15
6 Gratuity	15

Paper-5 Banking Law- II

Distribution of Marks Rubric	Marks Allotted
1 Negotiable Instruments Act	40
2 Banking Regulation Act	40
3 Information Technology Act	20

VFYL 9ZFJJFDF\VFJ[K[S[DFGP S], 5ITzLGF p5I]ST SFI'G[ACF, L VF5JLP

| 5 V[p|DS | VFIS8§RZ IJ0FI GF V[DCIIS AIIO'GL TFP#_v5vZ_!! GL ; EFGL E, FD6 TYF VFIS8§RZ IJnFXFBFGL TFP#_v5vZ_!! GF 9ZFJ SDF'S Z VgJI[GLR[5DF6GL E, FD6G[V[p|DS SFpIg; , TYF I; IgOS§GL DH]ZLGL V5[IFFV[DFGPS], 5ITzL wJZFF ACF, L VF5JF AFATP |

Z   VFIS8§RZ IJ0FI GF VeI F; S�MGF VM0'Gg; GM0ZOFZ SZJF IJRFZ6F SZJF AFATP
VFYL V§0IDS SFplg; , G[E, FD6 SZJFDF\VFJ[K[S[4 VFIS8§RZ IJ0FI GF ; WFZ[, F
5FR J0FGM VeI F; S� TYF T'G[VFG]; ULS VM0'Gg; vZ[µI], [XG IJU[Z[DH[Z SZJFP
         JW]DF\ DFGPS], 5ITzlG[IJG\TL ; C pST VeI F; S� HGvZ_!! YL S�X0
VD, DF\VFJGFZ CM. DH[Z SZJF ACF, L VF5JF E, FD6 SZJFDF\VFJJ[KP
       VFYL 9ZFJJFDF\VFJJ[K[S[DFGP S], 5ITzlGF p5I§ST SFI'G[ACF, L VF5JF
I; Ig0S§G[E, FD6 SZJLP
sGMW ov pST VeI F; S� TYF VM0'Gg; vZ[µI], [XG 5IZIX08 cc!cc TZLS[; FD[, KPf

&   IJ7FG IJnFXFBFGL TFP! *vZvZ_!! GF 9ZFJ S�FS !Zs!5f VgJI[GLR[5DF6GF
V§0IDS   M.Sc. IT & CA ; D[:8Z # VG[$ TYF M.C.A.; D[:8Z #4$45 VG[& GF
         VeI F;DGF TYF H[G Z_!! YL VD, DF\VFJGFZF VeI F; S� GL E, FD6 DFGPS], 5ITzl
wJFZF V§0IDS SFplg; , GL DH[ZLGL V5[FFV[VF5[, ACF, LGF SFI'G[ACF, L VF5JF AFATP
          VFYL 9ZFJJFDF\VFJJ[K[S[DFGP S], 5ITzlGF p5I§ST SFI'G[ACF, L VF5JLP
sGMW ov pST VeI F; S�M 5IZIX08 ccZcc TZLS[; FD[, KPf

*   0LGzL IJ7FG IJnFXFBF wJFZF ZH[YI[, B.C.A. ; D[:8Z ! VG[Z GM CBCS V'TU'T
V§0IDS   VeI F; S� H[G Z_!! YL VD, DF\VFJGFZF AI0q IJnFXFBFGL DH[ZLGL V5[FFV[ACF, L
         VF5L V§0IDS SFplg; , [DH[Z SZJF IJRFZ6F SZJF AFATP
          VFYL 9ZFJJFDF\VFJJ[K[S[0LGzL4 IJ7FG IJnFXFBF wJFZF ZH[YI[, B.C.A.
; D[:8Z ! VG[Z GM CBCS V'TU'T VeI F; S� H[G Z_!! YL VD, DF\VFJJ[T[ZLT[
DH[Z SZJLP
sGMW ovpST VeI F; S� 5IZIX08 cc#cc TZLS[; FD[, KPf

(0LGzL IJ7FG IJnFXFBF wJFZF M.Sc. Industrial Chemistry IJ0FI GM CBCS ; D[:8Z
V§0IDS   # VG[; D[:8Z $ GM VeI F; S� H[G Z_!! YL S�X0 VD, DF\VFJJ[T[ZLT[AI0" IJnFXFBFGL
         DH[ZLGL V5[FFV[ACF, L VF5L DFGP S], 5ITzl wJFZF V§0IDS SFplg; , GL DH[ZLGL
         V5[FFV[DH[Z SIFGF SFI'G[ACF, L VF5JF AFATP
          VFYL 9ZFJJFDF\VFJJ[K[S[DFGP S], 5ITzlGF p5I§ST SFI'G[ACF, L VF5JLP
sGMW ov pST VeI F; S� 5IZIX08 cc$cc TZLS[; FD[, KPf

)   5FPqC[0zL 0L5F8D[g8 VM0 AFIM S�[:8L wJZF M.Sc.Biochemistry IJ0FI GF
V§0IDS   VeI F; S�DF\ CBCS V'TU'T ; D[:8Z ! DF\ Biostatastics and Bioinformatics
(Interdisciplinary) IJ0FI GF VeI F; SDGF G[AN, [Bioinformatics : Concepts and
Application   IJ0FI GF GFDDF\EWFG GF 0ZOFZGL E, FD6 DFGP6], 5ITzlV[VIWSFZ
D0\/MGL ACF, GL V5[FFV[DH[Z SZ[, KPTG[ACF, L VF5JF AFATP
          VFYL 9ZFJJFDF\VFJJ[K[S[DFGP S], 5ITzlGF p5I§ST SFI'G[ACF, L VF5JLP
s GMW ov pST 5[5Z 5IZIX08 cc5cc TZLS[; FD[, KPf

!_ VSpIDS	OLGzl4 AlhG[; D[GHMDg8 IJnFXFBF wJFZF ZH] YI[, " **P.G.Diploma in Business Administration**" IJOFIGM **CBCS** VTU'TGM VelF; SÐ TYF VMIO'Gg; 4 Z[µI], [XG H], F. Z_!! YL VD, DF\VFJ[T[ZLT[VIWSFZ DO/MGL DH[ZLGL V5[lFFV[DH[Z SZJFGL E, FD6 5ZtJ[DFGPS], 5ITzl wJFZF VF5[, VIWSFZ DO/GL ACF, LGF SFI'GL GMW , [JF AFATP
	VFYL 9ZFJJFDF\VFVJ[K[S[DFGP S], 5ITzlGF p5I[ST SFI'G[ACF, L VF5JF I; Ig0S[BG[E, FD6 SZJLP
	sGMW ov pST VelF; SÐ VG[VMIO'Gg; 5IZIX08 cc&cc TZLS[; FMl, KPf

!! VSpIDS	SFI NF IJnFXFBFGL TFP *v&vZ_!! GF 9ZFJ SÐFS # VgJII[GL GLR[5]DF6[OLGzlLGL E, FD6 5ZtJ[DFGPS], 5ITzl wJFZF VSpIDS SFplg; , GL DH[ZLGL V5[lFFV[VF5[, ACF, LGF SFI'G[ACF, L VF5JF AFATP
	BCI GF 5|+ SÐFS **LE CIR : 02/2010 Dt.20-12-2010** DHA H[IJnFYL'VMV[! _ ´Z VYJF UH[ìMB S[5M:8 UH[ìMB VMŌG I]GJI; 8L I; :8DDF\SM. 56 HFTGL DV/EJT , FISFTMI D\/jIF JUZ SZ[, CMl T[VMG[SFINFGF VelF; SÐDDF\5J[X D/L XSX[GCL H[IJnFYL'VMV[! _ ´Z I; :8DGL 5IZ1FF 5; FZ SZL CMl VG[l\PÒP; LP DFgl I]GJI; 8L DFYL 5|YD4 I£TLI VG[T'lTI JOF'GL SÐFG]; FZ +6 5IZ1FFVM 5; FZ SZL, CMl T]F H IJnFYL'VMG[SFINF IJnFXFBFGF 5FR JOF'GF . Ig8U|80 VelF; SÐDDF\S[+6 JOF'GF V[, PV[, PALPGF VelF; SÐDDF\5J[X D/L XSP
	VFYL 9ZFJJFDF\VFVJ[K[S[DFGP S], 5ITzlGF p5I[ST SFI'G[ACF, L VF5JF I; Ig0S[BG[, E, FD6 SZJLP

!Z VSpIDS	VSpIDS SFplg; , GL TFP)v5vZ_!! GL ; EFGL SDSFH I FNL SÐFSo!) GF 9ZFJG; FZ T[AWL IJnFXFBFVMGF VMIO'Gg; ;h4 Z[µI], [Xg; 4 VelF; SÐM IJUZ[DH[Z SZJFDF\VFJJ[, K[H[5§L IJGI G IJnFXFBFGF ALPVP4ALPV[; POA<I[P4 ALPVFZPVF[; P4 JFl6HF IJnFXFBFGF ALPSMDP VG[IAhG[X D[G[HMg8 IJnFXFBFGF ALPALPVP DF8[**Promotion to next higher Semester** VTUGF H[Z[µI], [XGs~<; f DH[Z SZJFDF\આવેલ છે તે રદ્દ કરી તેના :YFG[pST VelF; SÐM DF8[GLR[DHAGM[Z[µI], [XG DH[Z SZJF IJRFZ6F SZJF AFATP

: Promotion to next higher Semester:

1   A candidate admitted & enrolled in Semester- I shall be eligible for admission to Semester-II Provided he/she has cleared CCA of Semester-I by obtaining 40% of Marks & appeared in SEE of Semester- I

2   A candidate shall be eligible for admission to Semester-III , if he/she has obtained minimum 40% of marks in CCA of Semester-II & appeared in SEE of Semester-II.

3   A Candidate shall be eligible for admission to Semester-IV if he/she has obtained 40% of Marks in CCA of Semester-III & appeared in SEE of Semester-III.

4   A Candidate shall be eligible for admission to Semester-V if he/she has passed SEE of semester-I, II & III and also obtained 40% of marks in CCA of Semester-IV and also registered for SEE of Semester-IV.

5   A Candidate shall be eligible for admission to Semester-VI provided there is no back log on account of Semester-I to IV and he/she has obtained 40% of marks in CCA of Semester-V & also registered for SEE of Semester-V.

        The result of the Semester-VI will be declared only if he/she has cleared Semester-I to V and there is no back log of any of the Semester including theory /Practical/ Project work/ field work etc.

        VFYL 9ZFJJDF\ VFJJ[K[S[p5I[ST AFAT   lJ:TT lJRMZ6F VY[;)AIWT O\<8LDF\DS)JLP

!#   ; F]ZF08= I]GJI; 8LGF V][l], 5]BGDF\ 5F; YI[,F lJnFYL'VM DF[CBCS
V\S0l8S ; lDDGF ; l]:8ZvIII VG[V DF\ 5J]X VF5JFGL HQJF. VU[M VMl0'Gg; T{l FZ SZJFDF\VFJJ[, K[H[DH[SZF lJRM6F SZF AFATP

A Candidate of this University who has passed the examination of F.Y./S.Y. under Annual pattern of the Faculty of Arts, Commerce, Science, Home Science, Business Management or Performing Arts by obtaining at least 40% Marks or equivalent grade, shall be entitled to be admitted in Semester-III or V (as the case may be) provided subject/s passed by the candidate are same or comparable/convertible with CBCS teaching & examination scheme in force at the time of such admission

When such admission is granted to a candidate all applicable Ordinances & Regulations shall be applied to such a candidate & his/her result at the degree level University examination will be declared by converting his/her percentage of Marks/Grade which he/she has obtained at the examination of First/Second year as per provisions contained in CBCS introduced by the University.

        VFYL 9ZFJJDF\ VFJJ[K[S[p5I[ST AFAT   GLRl[D]HAGF ;)WFZF ; FY[D]H[SZF DF8[l; Ig0S8G[E, FD6 SZJLP

A Candidate of any   University recognized by A.I.U. who has passed the examination of F.Y./S.Y. under Annual pattern of the Faculty of Arts, Commerce, Science, Home Science, Business Management or Performing Arts, B.R.S. by obtaining at least 40% Marks or equivalent grade, shall be entitled to be admitted in Semester-III or V (as the case may be) provided subject/s passed by the candidate are same or comparable/convertible with CBCS teaching & examination scheme in force at the time of such admission

When such admission is granted to a candidate all applicable Ordinances & Regulations shall be applied to such a candidate & his/her result at the degree level University examination will be declared by converting his/her percentage of Marks/Grade which he/she has obtained at the examination of First/Second year as per provisions contained in CBCS introduced by the University.

! $
HMOF6   VFRFI "zl4 INIuJHI UFD 5'RFI T ; 'RFI, T VF8"; VG[SMD; "SM, H4 INIuJHI UFD TZOYL HG Z_!! YL GLR GL IJUT[RF,] HMOF6 DF8[VFJ[, VZÒ TYF T[5ZtJ GF :YFGLS T5F; ; IDTL GF VC[JF, 5Z IJRFZ6F SZJF AFAT

HMOF6GL IJUTov

IJGI G IJnFXFBF sRF,]HMOF6f

ALPVP sD[o]I qUF[6f   ICgNL4 VU[Ò4 ; DFHXF: +4 VY"XF: +4 ; \ST4 DGMILJ 7FG

JFI6HI IJnFXFBFsRF,]HMOF6f

ALPSMDPsJ§<5LSf   V[§Fpg8lU V[gO OFI GFg; 4 ALhG[; D[GHD[g84 SMd%I8Z ; FI g;

GMWov   ; \YFGF HMOF6 VgJI [:YFGLS T5F; ; IDTLGM TFP! *v$vZ_!! GMVC[JF, TFPZ (v$vZ_!! GF ZMH V+[D/[, K[VG[RF,] HMOF6 V[§ JQF" DF8[VF5JF E, FD6 SZ[, KP

VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI "zl4 INIuJHI UFD 5'RFI T ; 'RFI, T VF8"; VG[SMD; "SM, H4 INIuJHI UFD TZOYL HGvZ_!! YL p5ZGL IJUT[IJGI G TYF JFI6HI IJnFXFBFG\ RF,] HMOF6 I[GGJI; 8LV[TYF :YFGS T5F; ; IDTV[D§[, HMOF6GL XZTMG\ 5IZ5F, G TFP #_v(vZ_!! ; WLDF\ SZ[TM TFP! 5v&vZ_!! YL TFP! $v&vZ_! Z ; [JLG\ V[§ JQF"G\ RF,] HMOF6 VF5JF I; IgOS\8G[E, FD6 SZJL P

sGMW ov p5I[§T SM, HGL HMOF6 VZÒ TYF T[5ZtJGM :YFGS T5F; ; IDTL GM VC[JF, VF ; FY[5IZIXQ08 cc *cc TZLS[; FD[, KPf

! 5
HMOF6   VFRFI "zl4 ; NEFJGF R[Zl8A, , 8÷8 ; 'RFI, T zlDTL VFZPOLPUFZOL SM, H VMO VHI [§XG4 ZFHSM8 TZOYL HG Z_!! YL GLR GL IJUT[SFI DL HMOF6 DF8[VFJ[, VZÒ TYF T[5ZtJGF :YFGLS T5F; ; IDTL GF VC[JF, 5Z IJRFZ6F SZJF AFAT

HMOF6GL IJUTov

IX1F6 IJnFXFBF sSFI DL HMOF6f

ALPV[DP5NJLGF VelF; SÐM

GMWo   ; \YFGF HMOF6 VgJI [:YFGLS T5F; ; IDTL GF TFPZ5v$vZ_!! GM VC[JF,
v   V+[TFPZ (v$vZ_!! GF ZMH D/[, KP

VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI'zl4 ; NEFJGF R\ZL8\A, 8÷8 ; RFI, T zlDTL VFZPOLPUFZOL SM, H VMO V\HI\S\XG4 ZFHSM8 TZOYL H]GvZ_!! YL p5ZGL IJUT[IX1F6 IJnFXFBFG]\ SFIDL HMOF6 GCL\ VF5TF RF,] HMOF6 I]IGJI; 8LV[TYF :YFIGS T5F; ; IDITV[D]S[, HMOF6GL XZTMG]\ 5IZ5F, G TFP #_v(vZ_!! ; WLDF\SZ[TM TFP!5v&vZ_!! YL TFP!$v&vZ_!Z ; WLGJ\ V]S JQFG]\RF,]HMOF6 VF5JF I; IgOS]BG[E, FD6 SZJLP

sGM\\0v p5I\ST SM, HGL HMOF6 VZÒ TYF T[5ZtJ]GM :YFGLS T5F; ; IDTL GM VC]JF, VF ; FY[5IZIX08 (TZLS[; FD[, KPf

VFRFI'zl4 ;]ZEL V\HI\S\XG 8÷8 ; RFI, T SPV[, PALPUFZOL ALPV[; POA<IP4 ALP; LPVP4V]gO ; FI g; SM, H4 ZFHSM8 TZOYL H]G Z_!! YL GLR[GL IJUT[RF,] HMOF6 DF8[VFJ[, VZÒ TYF T[5ZtJ]GF :YFGLS T5F; ; IDTL GF VC]JF, 5Z IJRFZ6F SZJF AFAT

HMOF6GL IJUT0v
IJGIG IJnFXFBF sRF,]HMOF6f
ALPV[; POA<I]5NJLGF VeIF; SÐM
IJ7FG IJnFXFBFsRF,]HMOF6f
ALP; LPVP5NJLGF VeIF; SÐM

GM\\0v ! ; \YFV[HMOF6 VZÒDF\Z_!! YL Z_!# ; WL A]JOF"GF HMOF6 DF8[VZÒ SZ[, KP
Z :YFGLS T5F; ; IDTL GM TFP#v5vZ_!! GM VC]JF, TFP &v5vZ_!! GF ZM\H D/[, KP VG[:YFGLS T5F; ; IDTL V[A[JOF"DF8[RF,]HMOF6 VF5JF E, FD6 SZ[, KP

VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI'zl4 ;]ZEL V\HI\S\XG 8÷8 ; RFI, T SPV[, PALPUFZOL ALPV[; POA<IP4 ALP; LPVP4V]gO ; FI g; SM, H4 ZFHSM8 TZOYL H]GvZ_!! YL p5ZGL IJUT[IJGIG IJnFXFBF TYF IJ7FG IJnFXFBFG]\ RF,]HMOF6 I]IGJI; 8LV[TYF :YFIGS T5F; ; IDITV[D]S[, HMOF6GL XZTMG]\ 5IZ5F, G TFP #_v(vZ_!! ; WLDF\SZ[TM TFP!5v&vZ_!! YL TFP!$v&vZ_!Z ; WLGJ\ V]S JQFG]\RF,]HMOF6 VF5JF I; IgOS]BG[E, FD6 SZJLP

sGM\\0v p5I\ST SM, HGL HMOF6 VZÒ TYF T[5ZtJ]GM :YFGLS T5F; ; IDTL GM VC]JF, VF ; FY[5IZIX08) TZLS[; FD[, KPf

! *
HMOF6

VFRFI"zL4 ; FUZ V]HI]S[XG V]gO R[ZL8[A,   8÷8 ; RFI, T zL ; F[ZE VF8";
SM,]H4IJ; 6J], TZOYL H]G Z_! ! YL GLR[GL IJUT[RF,]HMOF6 DF8[VFJ], VZÒ TYF T[
5ZtJ]GF :YFGLS T5F; ; IDTL GF VC[JF, 5Z IJRFZ6F SZJF AFAT

HMOF6GL IJUTₒv
IJGI G IJnFXFBFsRF,]HMOF6f
ALPV]PsD]b]I qUF[6f   VU]Ò4   ICgNL4U]HZFTL4; \ST4E]UM/4. ITCF; 4   ; DFHXF: +4
VY"XF: +

GMWₒ   :YFGLS T5F; ; IDTL GM TFPZ*v$vZ_! ! GM VC[JF, TFP&v5vZ_! ! GF ZMH
V   D/[, KPRF,]HMOF6 VF5JF E, FD6 SZ[, KP

       VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI"zL4 ; FUZ V]HI]S]XG V]g0 R[ZL8[A, 8÷8
; RFI, T zL ; F[ZE VF8"; SM,]H4IJ; 6J],   TZOYL H]GvZ_! ! YL p5ZGL IJUT[
IJGI G IJnFXFBFG\ RF,] HMOF6 I]IGJI; 8LV[TYF :YFIGS T5F; ; IDITV[D]S],
HMOF6GL XZTWG\ 5IZ5F, G TFP #_v(vZ_! ! ;]WLDF\SZ[TM TFP! 5v&vZ_! ! YL
TFP! $v&vZ_! Z ;]WLG\ V]S JQF"G\ RF,]HMOF6 VF5JF I; IgOS[BG[E, FD6 SZJLP

sGMWₒv p5I]S]T SM,]HGL HMOF6 VZÒ TYF T[5ZtJ]GM :YFGLS T5F; ; IDTL GM VC[JF, VF
; FY[5IZIX08 ₵! _₵ TZLS[; FD[, KPf

! (
HMOF6

    VFRFI"zL4 zL S06 V]HI]S]XG V]g0 0Fpg0]XG 8÷8 ; RFI, T IDGF1FLA[G XF]TLEF. NJ[
SM,]H VM0 V]HI]S]XG4 , FBF AFJ/sHFDGUZf TZOYL H]G Z_! ! YL GLR[GL IJUT[RF,]
HMOF6 DF8[VFJ], VZÒ TYF T[5ZtJ]GF :YFGLS T5F; ; IDTL GF VC[JF, 5Z IJRFZ6F
SZJF AFAT
HMOF6GL IJUTₒv
IX1F6 IJnFXFBFsRF,]HMOF6f
ALPV]PP5NJLGF VeIF; ; S]M
GMWₒv   ; \YFGF HMOF6 V]gJI[:YFGLS T5F; ; IDTL GM TFP! *v$vZ_! ! GM VC[JF,
         TFPZ (v$vZ_! ! GF ZMH V+[D/[, KPRF,]HMOF6 V]S J0F"DF8[E, FD6 SZ[, KP

       VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI"zL4 zL S06 V]HI]S]XG V]g0 0Fpg0]XG 8÷8
; RFI, T IDGF1FLA[G XF]TLEF. NJ[SM,]H VM0 V]HI]S]XG4 , FBF AFJ/sHFDGUZf
TZOYL H]GvZ_! ! YL p5ZGL IJUT[IX1F6 IJnFXFBFG\ RF,] HMOF6 I]IGJI; 8LV[
TYF :YFIGS T5F; ; IDITV[D]S],   HMOF6GL XZTWG\ 5IZ5F, G TFP
#_v(vZ_! ! ;]WLDF\SZ[TM TFP! 5v&vZ_! ! YL TFP! $v&vZ_! Z ;]WLG\ V]S
JQF"G\RF,]HMOF6 VF5JF I; IgOS[BG[E, FD6 SZJLP

sGMⱲ0v p5I[ŞT SM, ̦HGL HMOF6 VZÒ TYF T[5ZtJ̦GM :YFGLS T5F; ; IDTL GM VC̦JF, VF
; FY[5IZIX08   ɕ ! ! ɕɕ TZLS[; FD̦, K̦Pf

!)
HMOF6
     VFRFI''ẓL4 ZFHSⱲ8 S[⁄J6L D̓0⁄ ; ̍RFI, T ẓL SP̦VP5FWL , M SM, ̦H4ZFHSⱲ8 TZ0YL H̦G
Z_! ! YL GLR̦GL IJUT[RF,] HMOF6 DF8[VFJ[, VZÒ TYF T[5ZtJ̦GF :YFGLS T5F;
; IDTL GF VC̦JF, 5Z IJRFZ6F SZJF AFAT

HMOF6GL IJUT0v
SFI NF IJnFXFBF sRF,]HMOF6f
V[, PV[, PALP5NJLGF Ve I F; SĐM

GMⱲ0v   ; \YFGF HMOF6GL :YFGLS T5F; ; IDTL GM TFPZ*v$ⱴZ_! ! GM VC̦JF,
       TFPZ*v$ⱴZ_! ! GF ZⱮH D⁄̦[, K̦PVG[SM, ̦HDF\RF,]HMOF6 V̦Ş J0F̓GL E, FD6
       SZ̦[, K̦P
       VFYL 9ZFJJFDF\ VFJJ[K[S[VFRFI''ẓL4 ZFHSⱲ8 S[⁄J6L D̓0⁄ ; ̍RFI, T ẓL
SP̦VP5FWL , M SM, ̦H4ZFHSⱲ8 TZ0YL H̦GⱴZ_! ! YL p5ZGL IJUT[SFI NF IJnFXFBFG̦\
RF,] HMOF6 I̦IGJI ; ̔8LV[TYF :YFGIGS T5F; ; IDITV[D̦Ş[,   HMOF6GL XZTⱲG̦\
5IZ5F, G TFP #_v(vZ_! ! ; ̦WLDF\SZ[TⱲ TFP! 5v&vZ_! ! YL TFP! $v&vZ_! Z
; ̦WLG̦\ V̦Ş J0F̓G̦\RF,] HMOF6 VF5JF I; Ig0Ș8G[E, FD6 SZJLP
sGMⱲ0v p5I[ŞT SM, ̦HGL HMOF6 VZÒ TYF T[5ZtJ̦GM :YFGLS T5F; ; IDTL GM VC̦JF, VF
; FY[5IZIX08 ɕ ! Zɕɕ TZLS[; FD̦, K̦Pf

Z_
HMOF6
     VFRFI''ẓL4 DFȚẓL NⱲLA̦G Z6KⱮOEF. U-LI F V̦HI̦Ş̦XG 8÷8 ; ̍RFI, T DFT̓DNLZ SM, ̦H4
ZFHSⱲ8 TZ0YL H̦G Z_! ! YL GLR̦GL IJUT[RF,]q JWFZFGF HMOF6 DF8[VFJ[, VZÒ TYF
T[5ZtJ̦GF :YFGLS T5F; ; IDTL GF VC̦JF, 5Z IJRFZ6F SZJF AFAT
HMOF6GL IJUT0v
IJGI G IJnFXFBF sRF,]HMOF6f
ALPV[, POA<IP5NJLGF Ve I F; SĐM
D̦G̦HDⱦ̦g8 IJnFXFBF sRF,]HMOF6f
ALPALPVP5NJLGF Ve I F; SĐM
IJ 7FG IJnFXFBF sJWFZFG̦\HMOF6f
T'ITI J0F''ALP; LPVP5NJLGF Ve I FSĐM
IJ 7FG IJnFXFBF sRF,]HMOF6f
5LPÒPOLP; LPVP5NJLGF Ve I F; SĐM

GMⱲ0v   ; \YFGF HMOF6 Vg̓JI[:YFGLS T5F; ; IDTL GM TFP! (v$ⱴZ_! ! GM VC̦JF,
       TFPZ&v$ⱴZ_! ! GF ZⱮH D⁄̦[, K̦PSM, ̦HGF RF,] VG[JWFZFGF HMOF6 VF5JF E, FD6
       SZ̦[, K̦P

VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI'ƶL4 DFTƶL NJWLAG Z6KWOEF. U-LIF VHI SXG 8÷8 ; RFI, T DFT'DWLZ SW, H4 ZFHSW8 TZOYL HGvZ_!! YL p5ZGL IJUT[IJGI G IJnFXBFGW DGHDg8 IJnFXBFG\ VG[IJ7FG IJnFXBFG\ RF,] HWOF6 TYF IJ7FG IJnFXBFG\ JWFZFG\ HWOF6 I]GJI; 8LV[TYF :YFIGS T5F; ; IDITV[DS[, HWOF6GL XZTWG\ 5IZ5F, G TFP #_v(vZ_!! ; WLDF\ SZ[TW TFP! 5v&vZ_!! YL TFP! $v&vZ_! Z ; WLG\ V S JQFG\ RF,] TYF JWFZFG\ HWOF6 VF5JF I; IgOS BG[E, FD6 SZJLP sGWWov p5I ST SW, HGL HWOF6 VZÒ TYF T[5ZtJGW :YFGLS T5F; ; IDTL GW VC[JF, VF ; FY[5IZIXQ8 cc! #cc TZLS[; FD[, KPf

<table>
<tr><td>Z!
HWOF6</td><td>VFRFI'ƶL4 ZRGF OJ, W5Dg8 ; g8Z ; RFI, T ƶL IS V XG ALPV[; POA<IP SW, H4 ZFHSW8 TZOYL HG Z_!! YL GLRGL IJUT[RF,]HWOF6 DF8[VFJ[, VZÒ TYF T[5ZtJGF :YFGLS T5F; ; IDTL GF VC[JF, 5Z IJRFZ6F SZJF AFAT</td></tr>
</table>

HWOF6GL IJUTov
IJGI G IJnFXBF sRF,] HWOF6f
ALPV[; POA<IP5NJLGF VeI F; SÐM

GWWo ; \YFGF HWOF6 VgJI[:YFGLS T5F; ; IDTL GW TFP Z_v$vZ_!! GW VC[JF, v V+[TFPZ#v$vZ_!! GF ZWH D/[, KP; \YFG\ RF,] HWOF6 V S JQF" DF8[VF5JF E, FD6 SZ[, KP
VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI'ƶL4 ZRGF OJ, W5Dg8 ; g8Z ; RFI, T ƶL IS V XG ALPV[; POA<IP SW, H4 ZFHSW8 TZOYL HGvZ_!! YL p5ZGL IJUT[IJGI G IJnFXBFG\ RF,] HWOF6 I]GJI; 8LV[TYF :YFIGS T5F; ; IDITV[DS[, HWOF6GL XZTWG\ 5IZ5F, G TFP #_v(vZ_!! ; WLDF\ SZ[TW TFP! 5v&vZ_!! YL TFP! $v&vZ_! Z ; WLG\ V S JQFG\ RF,] HWOF6 VF5JF I; IgOS BG[E, FD6 SZJLP sGWWov p5I ST SW, HGL HWOF6 VZÒ TYF T[5ZtJGW :YFGLS T5F; ; IDTL GW VC[JF, VF ; FY[5IZIXQ8 cc! $cc TZLS[; FD[, KPf

<table>
<tr><td>ZZ
HWOF6</td><td>VFRFI'ƶL4 HI AHZU ; JF ; IDTL ; RFI, T ƶL :JFDL IJJ SFGN SW, H4 ; ƶ N6GUZ TZOYL HG Z_!! YL GLRGL IJUT[RF,] HWOF6 DF8[VFJ[, VZÒ TYF T[5ZtJGF :YFGLS T5F; ; IDTL GF VC[JF, 5Z IJRFZ6F SZJF AFAT</td></tr>
</table>

HWOF6GL IJUTov
IJ7FG IJnFXBF sRF,] HWOF6f
ALP; LPV[5NJLGF VeI F; SÐM
ALPV[; P; LPVF. P8LP5NJLGF VeI F; SÐM
5LPÒPOLP; LPVP5NJLGF VeI F; SÐM
DGHDg8 IJnFXBFsRF,] HWOF6f
ALPALPVP5NJLGF VeI F; SÐM

GMWov   :YFGLS T5F; ; IDTL GM TFPZZv$vZ_! ! GM VCUF, TFP #v5vZ_! ! GF ZMH
          D/[, KPRF,]HMOF6GL E, FD6 SZ[, KP

          VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI'zl4 HI AHZ'U ; UF ; IDTL ; RFI, T zL
:JFDL IJJ[SFGN SM, H4 ; Z[gN÷GUZ TZOYL H[GvZ_! ! YL p5ZGL IJUT[IJ7FG
IJnFXFBFG\ TYF DG[HD[g8 IJnFXFBFG\ RF,]HMOF6 I]IGJI; 8LV[TYF :YFIGS T5F;
; IDITV[D[S[,   HMOF6GL XZTMG\ 5IZ5F, G TFP #_v(vZ_! ! ;[WLDF\ SZ[TM
TFP! 5v&vZ_! ! YL TFP! $v&vZ_! Z ; WLG[N V[S JOFG'G\ RF,] HMOF6 VF5JF
I; IgOS[BG[E, FD6 SZJLP

sGMWov p5I[ST SM, HGL HMOF6 VZÒ TYF T[5ZtJGM :YFGLS T5F; ; IDTL GM
VCUF, VF ; FY[5IZIX08 cc! 5cc TZLS[; FD[, KPf

VFRFI'zl4 zL ; Z:JTL R[ZL8[A, 8÷8 ; RFI, T SPV[; PJLP58[, sUFZOlf ALPV[PPSM, H4
gl FZFsZFHSM8f TZOYL H[G Z_! ! YL GLR[GL IJUT[RF,]HMOF6 DF8[VFJ[, VZÒ TYF T[
5ZtJGF :YFGLS T5F; ; IDTL GF VCUF, 5Z IJRFZ6F SZJF AFAT

HMO6GL IJUTov
IX1F6 IJnFXFBFsRF,]HMOF6f
ALPV[PP5NJLGF Vel F; S[DM

GMWov   :YFGLS T5F; ; IDTL GM TFP#v5vZ_! ! GM VCUF, TFP &v5vZ_! ! GF ZMH
          D/[, KPRF,]HMOF6GL E, FD6 SZ[, KP

          VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI'zl4 zL ; Z:JTL R[ZL8[A, 8÷8 ; RFI, T
SPV[; PJLP58[, sUFZOlf ALPV[PPSM, H4 gl FZFsZFHSM8f TZOYL H[GvZ_! ! YL
p5ZGL IJUT[IX1F6 IJnFXFBFG\ RF,] HMOF6 I]IGJI; 8LV[TYF :YFIGS T5F;
; IDITV[D[S[,   HMOF6GL XZTMG\ 5IZ5F, G TFP #_v(vZ_! ! ;[WLDF\ SZ[TM
TFP! 5v&vZ_! ! YL TFP! $v&vZ_! Z ; WLG[N V[S JOFG'G\ RF,] HMOF6 VF5JF
I; IgOS[BG[E, FD6 SZJLP

sGMWov p5I[ST SM, HGL HMOF6 VZÒ TYF T[5ZtJGM :YFGLS T5F; ; IDTL GM
VCUF, VF ; FY[5IZIX08 cc ! &cc TZLS[; FD[, KPf

VFRFI'zl4 zL pDLIFÒ 5ZLJFZ V[HI; [XG 8÷8 ; RFI, T DIC, F ALPV[PP SM, H4 WM,
TZOYL H[G Z_! ! YL GLR[GL IJUT[RF,]HMOF6 DF8[VFJ[, VZÒ TYF T[5ZtJGF :YFGLS T5F;
; IDTL GF VCUF, 5Z IJRFZ6F SZJF AFAT

HMOF6GL IJUTov
IX1F6 IJnFXFBF sRF,]HMOF6f
ALPV[OP5NJLGF VeIF; SĐM

GMWo   !   :YFGLS T5F; ; IDTL GM TFP#v5vZ_!! GM VCUF, TFP &v5vZ_!!GF
v   ZMH D/[, KP
        Z SM, HGF VFRFI" VG[UY5F,   IGD6JS SZL X[1F6LS DFgI TFq 5JJDHJZL
            D[/JJFGL XZT[V[S J0FG]RF,]HMOF6 VF5JF E, FD6 SZ[, KP

        VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI "zL4 zL pDLIFÒ 5ZLJFZ VJHIJSXG 8÷8
; RFI, T DIC, F ALPV[OP SM, H4 WM,   TZOYL HGvZ_!! YL p5ZGL IJUT[IX1F6
IJnFXFBFG\ RF,]HMOF6 IJIGJI;8LV[TYF :YFIGS T5F; ; IDITV[D]S[, HMOF6GL
XZTMG\ 5IZ5F, G TFP #_v(vZ_!!;WLDF\ SZ[TM TFP!5v&vZ_!! YL
TFP! $v&vZ_!Z ; WLGN\ VJS JQF"GNRF,]HMOF6 VF5JF I; IgOS[BG[E, FD6 SZJLP

sGMWov p5IJST SM, HGL HMOF6 VZÒ TYF T[5ZtJGM :YFYGLS T5F; ; IDTL GM
VCUF, VF ; FY[5IZIX08   cc! *cc TZLS[; FD[, KPf

Z5   VFRFI "zL4 ; F[ZF08÷58[, VJHIJSXG R[ZL8JA, 8÷8 ; RFI, T zL ; F[ZF08÷SM, H VMO SMd%I8Z
HMOF6   ; FIg; VJgO DGHDbg84 VF8SM8 TZOYL HG Z_!! YL GLRJGL IJUT[RF,]HMOF6 DF8[VFJJ[,
        VZÒ TYF T[5ZtJGF :YFIGS T5F; ; IDTL GF VCUF, 5Z IJRFZ6F SZJF AFAT

HMOF6GL IJUTov
IJ7FG IJnFXFBF sRF,]HMOF6f
ALP; LPVP5NJLGF VeIF; SĐM
5LPÒPOLP; LPVP 5NJLGF VeIF; SĐM

GMWo   !   :YFGLS T5F; ; IDTL GM TFP$v5vZ_!! GM VCUF, TFP &v5vZ_!!GF
v   ZMH D/[, KPRF,]HMOF6 VJS JQF"DF8[VF5JF GL E, FD6 SZ[, KP
        Z VFRFI "4 UY5F, VG[5LP8LPVF. P GYLPTJD H6FJJ[, KP

        VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI "zL4 ; F[ZF08÷58[, VJHIJSXG R[ZL8JA, 8÷8
; RFI, T zL ; F[ZF08÷SM, H VMO SMd%I8Z ; FIg; VJgO DGHDbg84 VF8SM8 TZOYL
HGvZ_!! YL p5ZGL IJUT[IJ7FG IJnFXFBFG\ RF,] HMOF6 IJIGJI;8LV[TYF
:YFIGS T5F; ; IDITV[D]S[,   HMOF6GL XZTMG\ 5IZ5F, G TFP #_v(vZ_!!; WLDF\
SZ[TM TFP!5v&vZ_!! YL TFP! $v&vZ_!Z ; WLGN\ VJS JQF"GNRF,]HMOF6 VF5JF
I; IgOS[BG[E, FD6 SZJLP

sGMWov p5I]ST SM,|HGL HMOF6 VZÒ TYF T[5ZtJ|GM :YFGLS T5F; ; IDTL GM
VC|JF, VF ; FY[5IZIX08 cc ! (cc TZLS[; FD[, K|Pf

Z&
HMOF6
VFRFI'zL4 7FG ; F|ZE V|HI|S|XG 8÷8 ; |RFI, T XF|TIGS|TG SM,|H4ZFHSM8 TZOYL H|G
Z_!! YL GLR|GL IJUT[RF,] HMOF6 DF8[VFJ[, VZÒ TYF T[5ZtJ|GF :YFGLS T5F;
; IDTL GF VC|JF, 5Z IJRFZ6F SZJF AFAT

HMOF6GL IJUTov
IJGI G IJnFXFBFsRF,]HMOF6f
ALPV[; P0A<I]5NJLGF VeI F; S|DM
D|G|HD| g8 IJnFXFBFsRF,]HMOF6f
ALPALPV|P5NJLGF VeI F; S|DM

GMWo   :YFGLS T5F; ; IDTL GM TFP#_v$vZ_!! GM VC|JF, TFP &v5vZ_!!GF ZM|H
v   D/[, K|PRF,]HMOF6 V|S J0F"VF5JF GL E, FD6 SZ[, K|P

VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI'zL4 7FG ; F|ZE V|HI|S|XG 8÷8 ; |RFI, T
XF|TIGS|TG SM,|H4ZFHSM8 TZOYL H|GvZ_!! YL p5ZGL IJUT[IJGI G IJnFXFBFG]
TYF D|G|HD|g8 IJnFXFBFG\ RF,] HMOF6 I|IGJI; '8LV[TYF :YFIGS T5F; ; IDITV[
D|S[, HMOF6GL XZTM|G\5IZ5F, G TFP#_v(vZ_!! ;|WLDF\SZ[TM TFP! 5v&vZ_!!
YL TFP! $v&vZ_! Z ; |WLGN\ V|S J0F"FG\ RF,] HMOF6 VF5JF I; Ig0S|8BG[E, FD6
SZJLP

sGMWov p5I]ST SM,|HGL HMOF6 VZÒ TYF T[5ZtJ|GM :YFGLS T5F; ; IDTL GM
VC|JF, VF ; FY[5IZIX08 cc !)cc TZLS[; FD[, K|Pf

Z*
HMOF6
VFRFI'zL4 IJnF 5|DJWG V|HI|S|XG 8÷8 ; |RFI, T VF|'|TH ALPV|0PSM,|H4 DMZAL TZOYL
H|G Z_!! YL GLR|GL IJUT[RF,] HMOF6 DF8[VFJ[, VZÒ TYF T[5ZtJ|GF :YFGLS T5F;
; IDTL GF VC|JF, 5Z IJRFZ6F SZJF AFAT

HMOF6GL IJUTov
IX1F6 IJnFXFBFsRF,]HMOF6f
ALPV|0P5NJLGF VeI F; S|DM

GMWo   ; \YFGF HMOF6 VgJI|GM :YFGLS T5F; ; IDTL GM TFPZ&v$vZ_!! GM VC|JF,
v   TFP Z(v$vZ_!!GF ZM|H D/[, K|P V|S J0F"DF8[RF,]HMOF6 VF5JF GL E, FD6
         SZ[, K|P

VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI'ᶻl4 IJnF 5|DJW'G VHI|S|XG 8÷8 ; |RFI, T VFI'T|H ALPV|0PS|M, |H4 D|WZAL TZOYL H|GvZ_!! YL p5ZGL IJUT[IX1F6 IJnFXFBFG\ RF,] HMOF6 I|IGJI; ‌8LV[TYF :YFIGS T5F; ; IDITV[D|S[, HMOF6GL XZTWG\ 5IZ5F, G TFP #_v(vZ_!!; |WLDF\ SZ[TM TFP! 5v&vZ_!! YL TFP! $v&vZ_! Z ; |WLG\ V|S J|0FFG\ RF,] HMOF6 VF5JF I; IgOS|BG[E, FD6 SZJLP

sGMWov p5I|ST SM, |HGL HMOF6 VZÒ TYF T[5ZtJ|GM :YFGLS T5F; ; IDTL GM VC|JF, VF ; FY[5IZIX08 ₵₵ Z_₵₵ TZLS[; FD[, KP f

Z(
HMOF6
VFRFI'ᶻl4 zl CZÒJG 5|E|Ò VHI|S|XG V|g0 R|ZL8|A, 8÷8 ; |RFI, T zl G|xG, SW|d%I|ßZ SM, |H4 HFDGUZ TZOYL H|G Z_!! YL GLR|GL IJUT[RF,] HMOF6 DF8[VFJ[, VZÒ TYF T[5ZtJ|GF :YFGLS T5F; ; IDTL GF VC|JF, 5Z IJRFZ6F SZJF AFAT

HMOF6GL IJUTov
IJ7FG IJnFXFBFsRF,] HMOF6f
ALP; LPV|P5NJLGF Ve I F; S‌ĐM
5LPÒPOLP; LPV|P5NJLGF Ve I F; S‌ĐM
GMWo   ; |\YFGF HMOF6GL :YFGLS T5F; ; IDTL GM TFPZ! v$vZ_!! GM VC|JF, TFP
v   Z&v$vZ_!! GF ZM‌H D/[, K|PRF,] HMOF6 V|S J|0F"DF8[VF5JFGL E, FD6 SZ[, K‌P
VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI'ᶻl4 zl CZÒJG 5|E|Ò VHI|S|XG V|g0 R|ZL8|A, 8÷8 ; |RFI, T zl G|xG, SW|d%I|ßZ SM, |H4 HFDGUZ TZOYL H|GvZ_!! YL p5ZGL IJUT[IJ7FG IJnFXFBFG\ RF,] HMOF6 I|IGJI; ‌8LV[TYF :YFIGS T5F; ; IDITV[D|S[, HMOF6GL XZTWG\ 5IZ5F, G TFP #_v(vZ_!!; |WLDF\ SZ[TM TFP! 5v&vZ_!! YL TFP! $v&vZ_!Z ; |WLG\ V|S J|0FFG\ RF,] HMOF6 VF5JF I; IgOS|BG[E, FD6 SZJLP

sGMWov p5I|ST SM, |HGL HMOF6 VZÒ TYF T[5ZtJ|GM :YFGLS T5F; ; IDTL GM VC|JF, VF ; FY[5IZIX08 ₵₵Z! ₵₵ TZLS[; FD[, K‌P f

Z)
HMOF6
VFRFI'ᶻl4 zl SM‌8[JZ WFID‌S ; |JF 8÷8 ; |RFI, T zl ÒPALP5ZDFZ SM, |H VM0 SW|d%I|ßZ ; FI g; V|g0 D|G|HDG‌84 ; |Zg‌NGUZ TZOYL H|G Z_!! YL GLR|GL IJUT[RF,] HMOF6 DF8[VFJ[, VZÒ TYF T[5ZtJ|GF :YFGLS T5F; ; IDTL GF VC|JF, 5Z IJRFZ6F SZJF AFAT
HMOF6 IJUTov
IJ7FG IJnFXFBF sRF,] HMOF6f
ALP; LPV|P5NJLGF Ve I F; S‌ĐM
5LPÒPOLP; LPV|P5NJLGF Ve I F; S‌ĐM
D|G|HDG‌8 IJnFXFBF sRF,] HMOF6f
ALPALPV|P5NJLGF Ve I F; S‌ĐM

GMWov ; \YFGF HMOF6GL :YFGLS T5F; ; IDTL GM TFP!)v$vZ_!! GM VCUF, TFP Z#v$vZ_!!GF ZMH D/[, KPRF,]HMOF6GL E, FD6 SZ[, KP

VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI'zl4 zl SM8[JZ WFID'S ; [JF 8÷8 ; 'RFI, T zl ÒPALP5ZDFZ SM, H VMO SMd%I8Z ; FIg; VgO DGHD&g84 ;ZgN&UZ TZOYL H]GvZ_!! YL p5ZGL IJUT[IJ7FG IJnFXFBFG\ TYF D]GHD&g8 IJnFXFBFG\ IJnFXFBFG\ RF,] HMOF6 I]IGJI; 8LV[TYF :YFIGS T5F; ; IDITV[D]S[, HMOF6GL XZTMG\ 5IZ5F, G TFP #_v(vZ_!!;WLDF\ SZ[TM TFP!5v&vZ_!! YL TFP! $v&vZ_! Z ;WLG\ V[S JOFG\RF,]HMOF6 VF5JF I; IgOS8G[E, FD6 SZJLP

sGMWov p5I]ST SM, HGL HMOF6 VZÒ TYF T[5ZtJGM :YFGLS T5F; ; IDTL GM VCUF, VF ; FY[5IZIX08 ∝ ZZ∝ TZLS[; FD[, KPf

#_
HMOF6

VFRFI'zl4 zl V[RPHPNMXL . gOMD[XG VgO 8[SGM, MÒ . g:8L8I84 HFDGUZ TZOYL H]G Z_!! YL GLR[GL IJUT[RF,] HMOF6 DF8[VFJ[, VZÒ TYF T[5ZtJGF :YFGLS T5F; GF VCUF, 5Z IJRFZ6F SZJF AFAT

HMOF6GL IJUTov
IJ7FG IJnFXFBFsRF,]HMOF6f
ALP; LPVP5NJLGF VelF; SÐM
5LPÒPOLP; LPVP5NJLGF VelF; SÐM

GMWov ; \YFGF HMOF6GL :YFGLS T5F; ; IDTL GM TFPZ!v$vZ_!! GM VCUF, TFP Z&v$vZ_!!GF ZMH D/[, KP RF,]HMOF6GL E, FD6 SZ[, KP

VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI'zl4 zl V[RPHPNMXL . gOMD[XG VgO 8[SGM, MÒ . g:8L8I84 HFDGUZ TZOYL H]GvZ_!! YL p5ZGL IJUT[IJ7FG IJnFXFBFG\ RF,] HMOF6 I]IGJI; 8LV[TYF :YFIGS T5F; ; IDITV[D]S[, HMOF6GL XZTMG\ 5IZ5F, G TFP #_v(vZ_!!;WLDF\ SZ[TM TFP!5v&vZ_!! YL TFP! $v&vZ_! Z ;WLG\ V[S JOFG\RF,]HMOF6 VF5JF I; IgOS8G[E, FD6 SZJLP

sGMWov p5I]ST SM, HGL HMOF6 VZÒ TYF T[5ZtJGM :YFGLS T5F; ; IDTL GM VCUF, VF ; FY[5IZIX08 ∝ Z#∝ TZLS[; FD[, KPf

#!
HMOF6

VFRFI'zl4 :JPDLGFA[G HP S]O, LIF V[HIS[XG VgO OLhLS, V[HIS[XG SM, H4 ZFHSM8 TZOYL H]G Z_!! YL GLR[GL IJUT[RF,] HMOF6 DF8[VFJ[, VZÒ TYF T[5ZtJGF :YFGLS T5F; GF VCUF, 5Z IJRFZ6F SZJF AFAT

HMOF6GL IJUTοv
IX1F6 IJnFXFBF sRF,]HMOF6f
ALPVDP5NJLGF VeIF; SĐM
ALP5LPVDP5NJLGF VeIF; SĐM

GMWοv   ; \YFGM :YFGLS   T5F;   ; IDTL   GM   TFPZ*v$vZ_!!   GM   VCUF,
        TFPZ(v$vZ_!!GF ZMH D/[, KP; \YFG[RF,]HMOF6 VŞ JQF" DF8[VF5JFGL
        E, FD6 SZ[, KP

        VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI"zL4 :JPDLGFAG HP S)0, LIF VHIŞXG VğO
OLhLS, VHIŞXG SM, H4 ZFHSMB TZOYL HGvZ_!! YL p5ZGL IJUT[IX1F6
IJnFXFBFG\ RF,]HMOF6 I]GJI; 8LV[TYF :YFIGS T5F; ; IDITV[D)S[,   HMOF6GL
XZTMG\ 5IZ5F, G TFP #_v(vZ_!!;WLDF\ SZ[TM TFP!5v&vZ_!!   YL
TFP!$v&vZ_!Z ; WLGN VŞ JQF"G\RF,]HMOF6 VF5JF I; IgOSBG[E, FD6 SZJLP

        sGMWοv p5IŞT SM, HGL HMOF6 VZÒ TYF T[5ZtJGM :YFGLS T5F; ; IDTL GM
VCUF, VF ; FY[5IZIX08 ∝ Z$∝ TZLS[; FD[, KPf

#Z   VFRFI"zL4 zL ; NEFJGF VHIŞXG 8÷8 ; RFI, T zL ; tI 5ŞFX SM, H VMO DGHDğ8 VğO
HMOF6   SMd%IŞZ ; FIg; SM, H4ZFHSMB TZOYL HG Z_!! YL GLRGL IJUT[RF,]HMOF6 DF8[VFJI,
         VZÒ TYF T[5ZtJGF :YFGLS T5F; ; IDTL GF VCUF, 5Z IJRFZ6F SZJF AFAT

HMOF6GL IJUTοv
IJ7FG IJnFXFBF sRF,]HMOF6f
ALP; LPVP5NJLGF VeIF; SĐM
5LPÒPOLP; LPVP5NJLGF VeIF; SĐM
DGHDğ8 IJnFXFBFsRF,]HMOF6f
ALPALPVP5NJLGF VeIF; SĐM

GMWοv   ; \YFGF HMOF6GL :YFGLS T5F; ; IDTL GM TFPZ!v$vZ_!! GM VCUF, TFP
        Z5v$vZ_!!GF ZMH D/[, KPRF,]HMOF6GL E, FD6 SZ[, KP

        VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI"zL4 zL ; NEFJGF VHIŞXG 8÷8 ; RFI, T zL
; tI 5ŞFX SM, H VMO DGHDğ8 VğO SMd%IŞZ ; FIg;   SM, H4ZFHSMB TZOYL
HGvZ_!! YL p5ZGL IJUT[IJ7FG IJnFXFBFG\ TYF DGHDğ8 IJnFXFBFG\ RF,]
HMOF6 I]GJI; 8LV[TYF :YFIGS T5F; ; IDITV[D)S[,   HMOF6GL XZTMG\5IZ5F, G TFP
#_v(vZ_!!; WLDF\SZ[TM TFP!5v&vZ_!! YL TFP!$v&vZ_!Z ; WLGN VŞ JQF"G\
RF,]HMOF6 VF5JF I; IgOSBG[E, FD6 SZJLP

sGMWov p5I[ST SM,|HGL HMOF6 VZÒ TYF T[5ZtJ|GM :YFGLS T5F; ; IDTL GM VC[JF, VF ; FY[5IZIX08 ccZ5cc TZLS[; FD[, KP̃f

HMOF6

VFRFI"zL4 zL VDZ[, L Ò<, F , þJF 58[, R[Zl8|A, 8÷8 ; RFI, T zLDTL SFAZLI F VF8"; 4 JWF; LI F SMD; "4 VG[EUT ; FIg; DIC, F SM,|H4VDZ[, L TZ0YL H|G Z_!! YL GLR|GL IJUT[RF,]HMOF6 DF8[VFJ[, VZÒ TYF T[5ZtJ|GF :YFGLS T5F; ; IDTL GF VC[JF, 5Z IJRFZ6F SZJF AFAT

HMOF6GL IJUTov
IJGI G IJnFXFBFsRF,]HMOF6f
ALPVPsDþIqUF6̃f VUÒ4 DGMJ7FG4 ; \ST4; DFHXF:+
JFI6HI IJnFXFBF sRF,]HMOF6f
ALPSMDP sJ§<5LSf V§Fpg8 V|g0 OFI GFg; 4 ALhG[; D|GHD|g84 SMd%I|8Z ; FI g;
IJ7FG IJnFXFBF sRF,]HMOF6f
ALPV[; P; LPsDþIqUF6̃f DF. SLAFI M, MÒ4 AFI M8|SGM, MÒ4 AFI M§DI[; 8|

GMWov :YFGLS T5F; ; IDTL GM TFPZZv$vZ_!! GM VC[JF, TFP Z5v$vZ_!! GF ZMH D/[, KP̃RF,]HMOF6GL E, FD6 SZ[, KP̃

VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI"zL4 zL VDZ[, L Ò<, F , þJF 58[, R[Zl8|A, 8÷8 ; RFI, T zLDTL SFAZLI F VF8"; 4 JWF; LI F SMD; "4 VG[EUT ; FIg; DIC, F SM,|H4VDZ[, L TZ0YL H|GvZ_!! YL p5ZGL IJUT[IJGI G IJnFXFBFGM4 JFI6HI IJnFXFBFG\ TYF IJ7FG IJnFXFBFG\ RF,] HMOF6 I|GJI; '8LV[TYF :YFIGS T5F; ; IDITV[D§[, HMOF6GL XZTMG\ 5IZ5F, G TFP #_v(vZ_!! ;|WLDF\ SZ[TM TFP! 5v&vZ_!! YL TFP! $v&vZ_! Z ; |WLG\ V|§ JQF'G\ RF,] HMOF6 VF5JF I; IgOS|8G[E, FD6 SZJLP̃

sGMWov p5I[ST SM,|HGL HMOF6 VZÒ TYF T[5ZtJ|GM :YFGLS T5F; ; IDTL GM VC[JF, VF ; FY[5IZIX08 ccZ&cc TZLS[; FD[, KP̃f

#$ HMOF6

VFRFI"zL4 ALPV|DPGF|OM/F V|HI§XG 8÷8 ; RFI, T zLDTL JLPALPGF|OM/F ALPV|DPSM, |H4 EFRF TZ0YL H|G Z_!! YL GLR|GL IJUT[RF,]HMOF6 DF8[VFJ[, VZÒ TYF T[5ZtJ|GF :YFGLS T5F; ; IDTL GF VC[JF, 5Z IJRFZ6F SZJF AFAT

HMOF6GL IJUTov
IX1F6 IJnFXFBF sRF,]HMOF6f
ALPVþP5NJLGF Ve1F; S̃DM
GMWov :YFGLS T5F; ; IDTL GL TFP(v5vZ_!! GM VC[JF, V+[TFPZ$v5vZ_!! GF ZMH D/[, KP̃RF,]HMOF6 VF5JF E, FD6 SZ[, KP̃

VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI 'ZL4 ALPV[DPGF'0M/F V|H|I]S|XG 8÷8 ; |RFI, T zLDTL JLPALPGF'0M/F ALPV[DPSM, |H4 EFRF TZOYL H]GvZ_!! YL p5ZGL IJUT[IX1F6 IJnFXFBFG\ RF,] HMOF6 I]IGJI; 8LV[TYF :YFIGS T5F; ; IDITV[D]S|, HMOF6GL XZTMG\ 5IZ5F, G TFP #_v(vZ_!!; |WLDF\SZ[TM TFP! 5v&vZ_!! YL TFP! $v&vZ_! Z ; |WLG\ V|S JQFG\RF,] HMOF6 VF5JF I; IgOS|8G[E, FD6 SZJLP

sGMWov p5I|ST SM, |HGL HMOF6 VZÒ TYF T[5ZtJ|GM :YFGLS T5F; ; IDTL GM VC[JF, VF ; FY[5IZIX08 ccZ*cc TZLS[; FDI, K|Pf

#5
HMOF6   VFRFI 'ZL4 zL ; ZNFZ 58|, SgIF S[/J6L D'0/ ; |RFI, T DIC, F ALPV[DPSM, |H4 HFDS'0MZ6F TZOYL H]G Z_!! YL GLR|GL IJUT[RF,] HMOF6 DF8[VFJ[, VZÒ TYF T[5ZtJ|GF :YFGLS T5F; ; IDTL GF VC[JF, 5Z IJRFZ6F SZJF AFAT

HMOF6GL IJUTov
IX1F6 IJnFXFBF sRF,] HMOF6f
ALPV[DP5NJLGF VeI F; S|DM

GMWov   :YFGLS T5F; ; IDTL GF TFP! _v5vZ_!! GM VC[JF, TFPZ (v5vZ_!! GF ZMH D/[, K|P RF,] HMOF6GL E, FD6 SZ[, K|P

VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI 'ZL4 zL ; ZNFZ 58|, SgIF S[/J6L D'0/ ; |RFI, T DIC, F ALPV[DPSM, |H4 HFDS'0MZ6F TZOYL H]GvZ_!! YL p5ZGL IJUT[IX1F6 IJnFXFBFG\ RF,] HMOF6 I]IGJI; 8LV[TYF :YFIGS T5F; ; IDITV[D]S|, HMOF6GL XZTMG\ 5IZ5F, G TFP #_v(vZ_!!; |WLDF\SZ[TM TFP! 5v&vZ_!! YL TFP! $v&vZ_! Z ; |WLG\ V|S JQFG\RF,] HMOF6 VF5JF I; IgOS|8G[E, FD6 SZJLP

sGMWov p5I|ST SM, |HGL HMOF6 VZÒ TYF T[5ZtJ|GM :YFGLS T5F; ; IDTL GM VC[JF, VF ; FY[5IZIX08 ccZ(cc TZLS[; FDI, K|Pf

#&
HMOF6   VFRFI 'ZL4 zLÒ V|H|I]S|XG 8÷8 ; |RFI, T zL UFI +L U]-S5F ALPV[DPSM, |H4 , F9L TZOYL H]G Z_!! YL GLR|GL IJUT[RF,] HMOF6 DF8[VFJ[, VZÒ TYF T[5ZtJ|GF :YFGLS T5F; ; IDTL GF VC[JF, 5Z IJRFZ6F SZJF AFAT

HMOF6GL IJUT ov
IX1F6 IJnFXFBF sRF,] HMOF6f
ALPV[DP5NJLGF VeI F; S|DM

GMWov   :YFGLS T5F; ; IDTL GF TFP! *v5vZ_!! GM VC[JF, TFP Z$v5vZ_!! GF ZMH D/[, K|P VG[RF,] HMOF6 VF5JF E, FD6 SZ[, K|P

VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI'zl4 zlÒ V|HI|$|XG 8÷8 ; |RFI, T zL UFI +L
U|-S'5F ALPV|DPSM, |H4 , F9L TZOYL H|GvZ_! ! YL p5ZGL IJUT[IX1F6 IJnFXFBFG\
RF,] HMOF6 I]IGJI; 8LV[TYF :YFIGS T5F; ; IDITV[D|S[, HMOF6GL XZTMG|\
5IZ5F, G TFP #_v(vZ_! ! ; |WLDF\SZ[TM TFP! 5v&vZ_! ! YL TFP! $v&vZ_! Z
; |WLG|\ V|S J0FG|RF,]HMOF6 VF5JF I; IgOS|8G[E, FD6 SZJLP

sGMWov p5I|ST SM, |HGL HMOF6 VZÒ TYF T[5ZtJ|GM :YFGLS T5F; ; IDTL GM
VC|JF, VF ; FY[5IZIX08 «Z) « TZLS[; FD[, K|Pf

#*   VFRFI'zl4 zl ULTF'H, L R|ZL8|A, 8÷8 ; |RFI, T zL ULTF'H, L SM, |H VMO SM|d%I|8Z ; FI g;
HMOF6   V|gO SMD; 4 ZFHSM8 TZOYL H|G Z_! ! YL GLR|GL IJUT[RF,]TYF SFIDL HMOF6 DF8[VFJ[,
        VZÒ TYF T[5ZtJ|GF :YFGS T5F; ; IDTL GF VC|JF, 5Z IJRFZ6F SZJF AFAT

HMOF6GL IJUT ov
JFI6HI IJnFXFBF sSFIDL HMOF6f
ALPSMDPsJ|S<5LSf   V|SFpg8LU V|gO OFI GFg; D|G|HD|g84 SM|d5I|8Z ; FI g;
OLP; LPV[; P GF Ve|F; S|DM
IJ7FG IJnFXFBF sSFIDL HMOF6f
ALP; LPV|P5NJLGF Ve|F; S|D
5LPÒPOLP; LPV|PGF Ve|F; S|D
IJ7FG IJnFXFBF sRF,]HMOF6f
ALPV[; P; LPsVF. P8LPf 5NJLGF Ve|F; S|D
D|G|HD|g8 IJnFXFBF sSFIDL HMOF6f
ALPALPV|P5NJLGF Ve|F; S|D

GMWov   :YFGLS T5F; ; IDTL GF TFP ! (v5vZ_! ! GM VC|JF, V+[TFP Z_v5vZ_! !
        GF Z|WH D/[, K|PVG[RF,]HMOF6 GL E, FD6 SZ[, K|P

        VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI'zl4 zl ULTF'H, L R|ZL8|A, 8÷8 ; |RFI, T zl
ULTF'H, L SM, |H VMO SM|d%I|8Z ; FI g;   V|gO SMD; 4 ZFHSM8 TZOYL H|GvZ_! ! YL
p5ZGL IJUT[JFI6HI IJnFXFBFG|4 IJ7FG IJnFXFBFG\TYF D|G|HD|g8 IJnFXFBFG\
SFIDL HMOF6 GCL\ VF5TF RF,] HMOF6   TYF IJ7FG IJnFXFBFG\ RF,] HMOF6
I]IGJI; 8LV[TYF :YFIGS T5F; ; IDITV[D|S[, HMOF6GL XZTMG\ 5IZ5F, G TFP
#_v(vZ_! ! ; |WLDF\SZ[TM TFP! 5v&vZ_! ! YL TFP! $v&vZ_! Z   ; |WLG|\ V|S
J0FG|\RF,]HMOF6 VF5JF I; IgOS|8G[E, FD6 SZJLP

sGMWov p5I|ST SM, |HGL HMOF6 VZÒ TYF T[5ZtJ|GM :YFGLS T5F; ; IDTL GM
VC|JF, VF ; FY[5IZIX08 c#_« TZLS[; FD[, K|Pf

#(
HMOF6 VFRFI "zL4 SOJF 5F8LNFZ SgIF S[/J6L D'0/ DMZAL ; RFI, T zLDTL Z[JFA[G VMWJÒ 58[,
IJD[g; SM, H4 DMZAL TZOYL H[G Z_!! YL GLR[GL IJUT[RF,]HMOF6 DF8[VFJ[, VZÒ TYF
T[5ZtJ[GF :YFGLS T5F; ; IDTL GF VC[JF, 5Z IJRFZ6F SZJF AFAT

HMOF6GL IJUT ov
IJGI G IJnFXFBF sRF,]HMOF6f
ALPV[P sD[bIq UF[6f   VU[Ò4 ICgNL4 U[HZFTL4 ; \ST
IX1F6 IJnFXFBF sRF,]HMOF6f
ALPV[P P5NJLGF Ve I F; S-D
IJ7FG IJnFXFBF sRF,]HMOF6f
ALP; LPV[P P5NJLGF Ve I F; S-D

GMWov ; \YFGF HMOF6 VgJI[:YFGLS T5F; ; IDTL GF TFP! #v5vZ_!! GM VC[JF,
       TFP! (v5vZ_!! GF ZMH D/[, KP V[J0F[GM RF,]HMOF6 VF5JF E, FD6 SZ[,
       KP

       VFYL 9ZFJJFDF\ VFJ[K[S[VFRFRFI "zL4 SOJF 5F8LNFZ SgIF S[/J6L D'0/ DMZAL
; RFI, T zLDTL Z[JFA[G VMWJÒ 58[, IJD[g; SM, H4 DMZAL TZOYL H[GvZ_!! YL
p5ZGL IJUT[IJGI G IJnFXFBFGM4 IX1F6 IJnFXFBFGM\ TYF IJ7FG IJnFXFBFGM\ RF,]
HMOF6 I]GJI; 8LV[TYF :YFIGS T5F; ; IDTV[D[S[, HMOF6GL XZTMG[\5IZ5F, G TFP
#_v(vZ_!! ;]WLDF\SZ[TM TFP! 5v&vZ_!! YL TFP! $v&vZ_!Z ;]WLG[\ V[S J0F[G[\
RF,]HMOF6 VF5JF I; IgOSBG[E, FD6 SZJLP

sGMWov p5I[\ST SM, H[GL HMOF6 VZÒ TYF T[5ZtJ[GM :YFGLS T5F; ; IDTL GM
VC[JF, VF ; FY[5IZIX08 cc#! cc TZLS[; FD[, KPf

#)
HMOF6 VFRFI "zL4 zL pIDIF VHI[\XG 8÷8 ; RFI, T zL DCIQF"NIFGN ; Z:JTL ALPV[PPSM, H48[SFZF
TZOYL H[G Z_!! YL GLR[GL IJUT[RF,]HMOF6 DF8[VFJ[, VZÒ TYF T[5ZtJ[GF :YFGLS T5F; ; IDTL
T5F; ; IDTL GF VC[JF, 5Z IJRFZ6F SZJF AFAT
HMOF6GL IJUT ov
IX1F6 IJnFXFBF sRF,]HMOF6f
ALPV[P P5NJLGF Ve I F; S-D

GMWov ; \YFGF HMOF6 VgJI[GM :YFGLS T5F; ; IDTL GF TFPZ (v$vZ_!! GM VC[JF,
       TFP! (v5vZ_!! GF ZMH D/[, KPV[J0F[GM RF,]HMOF6 VF5JF E, FD6 SZ[,
       KP

VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI"ZL4 zL pIDIF VHI[SXG 8÷8 ; RFI, T zL
DCIQF" NIFGN ; Z:JTL ALPV[DPSM, H48SFZF TZOYL H[GvZ_!! YL p5ZGL IJUT[
IX1F6 IJnFXFBFG\ RF,] HMOF6 I[GJI; 8LV[TYF :YFIGS T5F; ; IDITV[D[S[,
HMOF6GL XZTMG\ 5IZ5F, G TFP #_v(vZ_!!; WLDF\SZ[TM TFP! 5v&vZ_!! YL
TFP! $v&vZ_!Z ; WLG\ V[S JQF"G\RF,]HMOF6 VF5JF I; IgOS8G[E, FD6 SZJLP
sGMWov p5I[ST SM, HGL HMOF6 VZÒ TYF T[5ZtJ[GM :YFGLS T5F; ; IDTL GM
VC[JF, VF ; FY[5IZIX08 cc#Zcc TZLS[; FD[, KPf

$_
HMOF6   VFRFI"ZL4 ; FUZ VHI[SXG V[0 R[ZL8L 8÷8 ; RFI, T zL pSFEF. OMOLIF ALPV[DPSM, H4
          ; LDFZ TZOYL H[G Z_!! YL GLR[GL IJUT[RF,] HMOF6 DF8[VFJ[, VZÒ TYF T[5ZtJ[GF
          :YFGLS T5F; ; IDTL GF VC[JF, 5Z IJRF6F SZJF AFAT

          HMOF6GL IJUTov
          IX1F6 IJnFXFBF s RF,] HMOF6 f
          બી.એડ્. પદવીના અભ્યાસક્રમો
          GMW ov ; \YFGF HMOF6 VgJI[GM :YFIGS T5F; ; IDITG[TFP ! $v5vZ_!! GM VC[JF,
          V÷[TFP ! (v5vZ_!! GF ZMH D/[, KP V[S JQF"DF8[RF,]HMOF6 VF5JF E, FD6 SZ[, KP
                 VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI"ZL4 ; FUZ VHI[SXG V[g0 R[ZL8L 8÷8
          ; RFI, T zL pSFEF. OMOLIF ALPV[DPSM, H4 ; LDFZ TZOYL H[GvZ_!! YL p5ZGL
          IJUT IX1F6 IJnFXFBFG\ RF,] HMOF6 I[GJI; 8LV[TYF :YFIGS T5F; ; IDITV[D[S[,
          HMOF6GL XZTMG\ 5IZ5F, G TFP #_v(vZ_!!; WLDF\SZ[TM TFP! 5v&vZ_!! YL
          TFP! $v&vZ_!Z ; WLG\ V[S JQF"G\RF,]HMOF6 VF5JF I; IgOS8G[E, FD6 SZJLP
          sGMW ovp5I[ST SM, HGL HMOF6 VZÒ TYF T[5ZtJ[GM :YFGLS T5F; ; IDTL GM
          VC[JF, VF ; FY[FY[5IZIX08 cc##cc TZLS[; FD[, KP

$!
HMOF6   VFRFI"ZL4 :JFDLGFZFI6 U}-S]/ ; RFI, T zL D[SX HFGL ALPV[DPSM, H4 H[; LU5ZF4 VDZ[, L
          TZOYL H[G Z_!! YL GLR[GL IJUT[RF,] HMOF6 DF8[VFJ[, VZÒ TYF T[5ZtJ[GF :YFGLS
          T5F; ; IDTL GF VC[JF, 5Z IJRF6F SZJF AFAT
          HMOF6GL IJUT ov
          IX1F6 IJnFXFBF sRF,] HMOF6f
          ALPV[DP5NJLGF Ve I F; S}D
          GMWov s!f   :YFGS T5F; ; IDTL GF TFP! _v5vZ_!! GM VC[JF, TFP! Zv5vZ_!!
                         GF ZMH D/[, KPRF,]HMOF6 VF5JF E, FD6 SZ[, KP
                 sZf   :YFGS T5F; ; IDTL H6FJ[, K[S[S, F; ~DG\ AFWSFD4 , F. A|ZL JU[GL
                         ; JJF 5}JX VF5TF 5C[, F pEL SZJFGL ZC[X[TD H6FJ[, KP

                 VFYL 9ZFJJFDF\VFJ[K[S[CF,   VF IJQFI J:T] 5}hOLU ZFBJLP

          sGMW ovp5I[ST SM, HGL HMOF6 VZÒ TYF T[5ZtJ[GM :YFGLS T5F; ; IDTL GM
          VC[JF, VF ; FY[5IZIX08 cc#$cc TZLS[; FD[, KPf

$Z
HMOF6   VFRFI "zL4 zL ; ZNFZ 58[, S[/J6L D0/ ; RFI, T DIC, F ALPV[0PSM, H4 H[T5]Z TZ0YL H]G
Z_!! YL GLR[GL IJUT[RF,]HMOF6 DF8[VFJ[, VZÒ TYF T[5ZtJ]GF :YFGLS T5F; ; IDTL
GF VC[JF, 5Z IJRFZ6F SZJF AFAT

HMOF6GL IJUT 0v
IX1F6 IJnFXFBF sRF,]HMOF6f
ALPV[0P5NJLGF Ve I F; S

GMW0v   :YFGLS T5F; ; IDTL GF TFPZv5vZ_!! GF VC[JF, TFP &v5vZ_!! GF ZMH
D/[, KP RF,]HMOF6GL E, FD6 SZ[, KP

VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI "zL4 zL ; ZNFZ 58[, S[/J6L D0/ ; RFI, T
DIC, F ALPV[0PSM, H4 H[T5]Z TZ0YL H]GvZ_!! YL p5ZGL IJUT[IX1F6 IJnFXFBFG]\
RF,] HMOF6 I]IGJI; 8LV[TYF :YFIGS T5F; ; IDITV[D]S[,   HMOF6GL XZTMG]\
5IZ5F, G TFP #_v(vZ_!!;]WLDF\ SZ[TM TFP! 5v&vZ_!! YL TFP! $v&vZ_! Z
;]WLG]\ V[S JOFG]\RF,]HMOF6 VF5JF I; IgOS[G[E, FD6 SZJLP

sGMW 0vp5I[ST SM,]HGL HMOF6 VZÒ TYF T[5ZtJ]GM :YFGLS T5F; ; IDTL GM
VC[JF, VF ; FY[5IZIX08 cc#5cc TZLS[; FD[, KPf

$#
HMOF6   VFRFI "zL4 OMP;]EF0F 5LPRFEJ0F VFICZ S[/J6L D0/ ; RI, T OMP;]EF0F SM,]H VMO
HGFI, hD4 H]GFFU- TZ0YL H]G Z_!! YL GLR[GL IJUT[RF,]HMOF6 DF8[VFJ[, VZÒ TYF T[
5ZtJ]GF :YFGLS T5F; ; IDTL GF VC[JF, 5Z IJRFZ6F SZJF AFAT

HMOF6GL IJUT 0v
IJGI G IJnFXFBF sRF,]HMOF6f
ALPHPV[0P; LP 5NJLGF Ve I F; S

GMW0v   s! f   :YFGLS T5F; ; IDTL GF TFP5v5vZ_!! GM VC[JF, TFP)v5vZ_!! GF
ZMH V+[D/[, KP RF,]HMOF6 V[S J0F"DF8[VF5JF E, FD6 SZ[, KP
sZf   :YFGLS T5F; ; IDTL V[SM,]HG[; b I F JW[T[JF 5]I tG SZJF H6J[, KP

VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI "zL4 OMP;]EF0F 5LPRFEJ0F VFICZ S[/J6L
D0/ ; RI, T OMP;]EF0F SM,]H VMO HGFI, hD4 H]GFFU- TZ0YL H]GvZ_!! YL p5ZGL
IJUT[IJGI G IJnFXFBFG]\RF,] HMOF6 I]IGJI; 8LV[TYF :YFIGS T5F; ; IDITV[D]S[,
HMOF6GL XZTMG]\ 5IZ5F, G TFP #_v(vZ_!!;]WLDF\ SZ[TM TFP! 5v&vZ_!! YL
TFP! $v&vZ_! Z ;]WLG]\ V[S JOFG]\RF,]HMOF6 VF5JF I; IgOS[G[E, FD6 SZJLP

sGMW 0vp5I[ST SM,]HGL HMOF6 VZÒ TYF T[5ZtJ]GM :YFGLS T5F; ; IDTL GM
VC[JF, VF ; FY[5IZIX08 cc#&cc TZLS[; FD[, KPf

VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI'zL4 DCFtDF UFWL R[ZL8[A, 8÷8 ; RFI, T zLDTL HPHPS]0, LIF SMD; " SM, H4 ZFHSM8 TZOYL H]GvZ_!! YL p5ZGL IJUT[IJ7FG IJnFXBFG\ TYF D]G]HD]g8 IJnFXBFG\ RF,] HMOF6 I]GJI; 8LV[TYF :YFIGS T5F; ; IDITV[D]S[, HMOF6GL XZTMG\ 5IZ5F, G TFP #_v(vZ_!!; WLDF\SZ[TM TFP! 5v&vZ_!! YL TFP! $v&vZ_! Z ; WLG\ V]S JQFG\ RF,] HMOF6 VF5JF I; IgOS]8G[E, FD6 SZJLP

sGMW ovp5I]ST SM, HGL HMOF6 VZÒ TYF T[5ZtJ]GM :YFGLS T5F; ; IDTL GM VC]JF, VF ; FY[5IZIX08 cc#(cc TZLS[; FD[, KPf

VFRFI'zL4 OMP;]EFQF 5LPRFJOF VFICZ S[/J6L D'0/ ; RFI, T OMP;]EFQF SM, H VMO OLhLS, V]HI]S]XG4 H]GFU- TZOYL H]G Z_!! YL GLR]GL IJUT[RF,] HMOF6 DF8[VFJ[, VZÒ TYF T[5ZtJ]GF :YFGLS T5F; ; IDTL GF VC]JF, 5Z IJRFZ6F SZJF AFAT

HMOF6GL IJUT ov
IX1F6 IJnFXBF sRF,] HMOF6f
ALP5LPV[]P5NJLGF VelF; S]D

GMW ov :YFGLS T5F; ; IDTL GM TFP)v5vZ_!! GM VC]JF, TFP! Zv5vZ_!! GF ZMH D/[, KP RF,] HMOF6 VF5JF E, FD6 SZ[, KP

VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI'zL4 OMP;]EFQF 5LPRFJOF VFICZ S[/J6L D'0/ ; RFI, T OMP;]EFQF SM, H VMO OLhLS, V]HI]S]XG4 H]GFU- TZOYL H]GvZ_!! YL p5ZGL IJUT[IX1F6 IJnFXBFG\ RF,] HMOF6 I]GJI; 8LV[TYF :YFIGS T5F; ; IDITV[D]S[, HMOF6GL XZTMG\ 5IZ5F, G TFP #_v(vZ_!!; WLDF\ SZ[TM TFP! 5v&vZ_!! YL TFP! $v&vZ_! Z ; WLG\ V]S JQFG\ RF,] HMOF6 VF5JF I; IgOS]8G[E, FD6 SZJLP

sGMW ovp5I]ST SM, HGL HMOF6 VZÒ TYF T[5ZtJ]GM :YFGLS T5F; ; IDTL GM VC]JF, VF ; FY[5IZIX08 cc#)cc TZLS[; FD[, KPf

VFRFI'zL4 IJ`JEFZTL DFGJ IJSF; ; W ; RFI, T zL V]DPHP]UMZLIF VF8' SM, D; 4 ALPALPV[P]VG[CMD ; FIg; SM, H4HFDDB]EF/LIF TZOYL H]G Z_!! YL GLR]GL IJUT[RF,] HMOF6 DF8[VFJ[, VZÒ TYF T[5ZtJ]GF :YFGLS T5F; ; IDTL GF VC]JF, 5Z IJRFZ6F SZJF AFAT
HMOF6GL IJUT ov
IJGI G IJnFXBF sRF,] HMOF6f
ALPV]P sD]bI q UF6f U]HZFTL4 ICgNL4V]U]Ò4 ; \ST
UF6 DGMIJ7FG

JFI6HI IJnFXFBF sRF,]HMOF6f
ALPSMDP sJ$<5LSf   V$Fpg8 V{0 OFI GFg; D{G|HD{8
OLP; LPV[; P

GMW ov   :YFGLS T5F; ; IDTL GF TFP! ! v5vZ_!! GF VC[JF, TFP ! Zv5vZ_!! GF
                ZMH D/[, K|PVG[RF,]HMOF6 VF5JFGL E, FD6 SZ[, KP

        VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI'zL4 IJ`JEFZTL DFGJ IJSF; ; W ; \RFI, T
zl V|DPHP|UMZLIF VF8", SMD;'4 ALPALPVPVG[CMD ; FI g;   SM,|H4HFHDB\EF/LIF
TZOYL H{GvZ_!! YL p5ZGL IJUT[IJGI G IJnFXFBFG\ TYF JFI6HI IJnFXFBFG\
RF,] HMOF6 I]|GGJJ; 8LV[TYF :YFIGS T5F; ; IDITV[D|S[,   HMOF6GL XZTMG\
5IZ5F, G TFP #_v(vZ_!! ; |WLDF\SZ[TM TFP! 5v&vZ_!! YL TFP! $v&vZ_! Z
; |WLG\ V|$ J0FFG\RF,]HMOF6 VF5JF I; Ig0S|8G[E, FD6 SZJLP

        sGMW ovp5I|$T SM,|HGL HMOF6 VZÒ TYF T[5ZtJ|GM :YFGLS T5F; ; IDTL GM
        VC[JF, VF ; FY[5IZIX08 cc$_cc TZLS[; FD[, KPf

$(VFRFI'zL4 zl VFZP5LP58[, 8÷8 ; \RFI, T zl VFZP5LP EF,MOLI F SM,|H VMO SMD; " V{0
HMOF6   ALhG[, D{G|HD{84 ZFHSM8 TZOYL H{G Z_!! YL GLR[|GL IJUT[RF,]HMOF6 DF8[VFJ[, VZÒ
        TYF T[5ZtJ|GF :YFGLS T5F; ; IDTL GF VC[JF, 5Z IJRFZ6F SZJF AFAT

        HMOF6GL IJUT ov
        D{G|HD{8 IJnFXFBF sRF,]HMOF6f
        ALPALPVPVP5NJLGF VeIF; SÐM
        IJ7FG IJnFXFBF sRF,]HMOF6f
        ALP; LPVP5NJLGF VeIF; SÐM
        5LPÒPOLP; LPVP5NJLGF VeIF; SÐM
        JFI6HI IJnFXFBF sRF,]HMOF6f
        ALPSMDPsJ$<5LSf   V|$Fpg8LU V{0 OFI GFg; D{G|HD{84
                                 V|0JFg; :8|[:8LS; 4 SMd%I|8Z ; FIg; 4
                                 AIhG[, D{G|HD{8

GMWov   :YFGLS T5F; ; IDTL GM TFP#_v5vZ_!! GMVC[JF, TFP#_v5vZ_!! GF ZMH
        D/[, KP VG[RF,]HMOF6GL E, FD6 SZ[, KP
        VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI'zL4 zl VFZP5LP58[, 8÷8 ; \RFI, T zl
        VFZP5LP EF,MOLI F SM,|H VMO SMD; " V{0 AIhG[, D{G|HD{84 ZFHSM8 TZOYL
        H{GvZ_!! YL p5ZGL IJUT[D{G|HD{8 IJnFXFBFG\4 IJ7FG IJnFXFBFG\TYF JFI6HI
        IJnFXFBFG\ RF,] HMOF6 I]|GGJI; 8LV[TYF :YFIGS T5F; ; IDITV[D|S[,   HMOF6GL
        XZTMG\ 5IZ5F, G TFP #_v(vZ_!! ;|WLDF\ SZ[TM TFP! 5v&vZ_!! YL
        TFP! $v&vZ_! Z ; |WLG\ V|$ J0FFG\RF,]HMOF6 VF5JF I; Ig0S|8G[E, FD6 SZJLP

sGMW ᴏvp5I|ST SM,|HGL HMOF6 VZÒ TYF T[5ZtJ|GM :YFGLS T5F; ; IDTL GM
VC|JF, VF ; FY[5IZIX08 ᴄᴄ$!ᴄᴄ TZlS[; FD[, K|Pf

$)   VFRFI"zl4 U]-JNGF V|HI|S|XG V|gO R|ZL8|A, 8÷8 ; 'RFI, T VF8"; SM,|H4 N|ZOL S|EFÒ
HMOF6   TZOYL H|G Z_!! YL GLR|GL IJUT[RF,]HMOF6 DF8[VFJ[, VZÒ TYF T[5ZtJ|GF :YFGLS
        T5F; ; IDTL GF VC|JF, 5Z IJRFZ6F SZJF AFAT

        HMOF6GL IJUT ᴏv
        IJGI G IJnFXFBF sRF,]HMOF6f
        ALPVPsD|b|I f   VU|Ò4 U|HZFTL4 ICgNL4 . ITCF; 4; \ST4 E|UM/

        GMWᴏv   :YFGLS T5F; ; IDTL GM TFPZ_v$vZ_!! GM VC|JF, TFP #_v5vZ_!! GF ZMH
                D/[, K|PRF,]HMOF6 GL E, FD6 SZ[, K|P

                VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI"zl4 U]-JNGF V|HI|S|XG V|gO R|ZL8|A, 8÷8
        ; 'RFI, T VF8"; SM,|H4 N|ZOL S|EFÒ TZOYL H|GvZ_!! YL p5ZGL IJUT[IJGI G
        IJnFXFBFG\ RF,] HMOF6 I|]GJI; '8LV[TYF :YFIGS T5F; ; IDITV[D|S[,   HMOF6GL
        XZTMG\ 5IZ5F, G TFP #_v(vZ_!!;|WLDF\ SZ[TM TFP!5v&vZ_!!   YL
        TFP! $v&vZ_! Z ; |WLG\ V|S JQFG\RF,]HMOF6 VF5JF I; IgOS|8G[E, FD6 SZJLP

        sGMW ᴏvp5I|ST SM,|HGL HMOF6 VZÒ TYF T[5ZtJ|GM :YFGLS T5F; ; IDTL GM
        VC|JF, VF ; FY[5IZIX08 ᴄᴄ$Zᴄᴄ TZlS[; FD[, K|Pf

5_   VFRFI"zl4 58[, S|/J6L D'0/ ; 'RFI, T zl 58[, S|/J6L D'0/ SM,|H VMO 8|SGM, MÒ V|gO
HMOF6   ALPV[P04 H|GFU- TZOYL H|G Z_!! YL GLR|GL IJUT[RF,]HMOF6 DF8[VFJ[, VZÒ TYF T[
        5ZtJ|GF :YFGLS T5F; ; IDTL GF VC|JF, 5Z IJRFZ6F SZJF AFAT

        HMOF6GL IJUT ᴏv
        JFI6HI IJnFXFBF sRF,]HMOF6f
        ALPSMDP sJ|S<5LSf   V|SFpg8|L'U V|gO OFI GFg; D|G|HD|g84 SM|d%I|8Z ; FI g;
        IJ7FG IJnFXFBF sRF,]HMOF6f
        5LPÒPOLP; LPVPGF VeIF; SÐ
        D|G|HD|8 IJnFXFBF sRF,]HMOF6f
        ALPALPVP5NJLGF VeIF; SÐ
        IX1F6 IJnFXFBF sRF,]HMOF6f
        ALPVPP5NJLGF VeIF; SÐ

GMVov   :YFGLS T5F; ; IDTL GM TFPZ*v5vZ_!! GM VC⌐F, TFP Z*v5vZ_!! GM
         VC⌐F, TFP !! v&vZ_!! GF ZMH D/⌐, K�℘RF,]HMOF6GL E, FD6 SZ⌐, K℘

         VFYL 9ZFJJFDF\ VFJ⌐ K⌐ S⌐ VFRFI'ᵶl4 58⌐, S⌐∕J6L DꞨ∕ ; ᴿRFI, T zl 58⌐,
S⌐∕J6L DꞨ∕ SM,H VMO 8⌐SGM,ⅯꞨ V⌐g0 ALPV⌐℘P4 H⌐GFU- TZOYL H⌐GvZ_!! YL
p5ZGL IJUT⌐ JFI6HI IJnFXFBFG⌐4 IJ7FG IJnFXFBFG⌐4 D⌐GⅠHD⌐g8 IJnFXFBFG\ TYF
IX1F6 IJnFXFBFG\ RF,] HMOF6 I⌐IGJI;8LV⌐ TYF :YFIGS T5F;   ; IDITV⌐ D⌐S⌐,
HMOF6GL XZTMG\ 5IZ5F, G TFP #_v(vZ_!!; ⅯLDF\ SZ⌐ TM TFP! 5v&vZ_!! YL
TFP! $v&vZ_!Z ; ⅯLG\ V⌐S JQFⅠG\RF,]HMOF6 VF5JF I; Ig0S⌐BG⌐E, FD6 SZJLP

         sGMW ovp5I⌐ST SM,HGL HMOF6 VZÒ TYF T⌐ 5ZtJ⌐GM :YFGLS T5F; ; IDTL GM
         VC⌐F, VF ; FY⌐5IZIXQ8 ᴄᴄ$#ᴄᴄ TZLS⌐; FD⌐, K℘f

VFRFI'ᵶl4 :JPᵶl D; ZLEF. VF, FEF. RFꞨⅠZF V⌐HI⌐S⌐XG 8÷8 ; ᴿRFI, T zlDTL
JLPV⌐℘PRFꞨⅠZF VF8"; SM,H4 H⌐GFU- TZOYL H⌐G Z_!! YL GLR⌐GL IJUT⌐ RF,] HMOF6 DF8⌐
VFJ⌐, VZÒ TYF T⌐5ZtJ⌐GF :YFGLS T5F; ; IDTL GF VC⌐F, 5Z IJRFZ6F SZJF AFAT

HMOF6GL IJUT ov
IJGI G IJnFXFBF sRF,] HMOF6f
ALPV⌐℘sD⌐℘I q UF⌐6f   U⌐HZFTL4 ClgNL4 ; DFHXF:+4 . ITCF; 4VⅠU⌐Ò
            UF⌐6   ; \ST4 DGⅠⅠJ7FG

GM3ov   :YFGLS T5F; ; IDTL GF TFP! (v5vZ_!! GM VC⌐F, TFPZ$v5vZ_!! GF ZMH
         D/⌐, K℘ VG⌐RF,]HMOF6 DF8⌐E, FD6 SZ⌐, K℘

         VFYL 9ZFJJFDF\ VFJ⌐ K⌐ S⌐ VFRFI'ᵶl4 :JPᵶl D; ZLEF. VF, FEF. RFꞨⅠZF
V⌐HI⌐S⌐XG 8÷8 ; ᴿRFI, T zlDTL JLPV⌐℘PRFꞨⅠZF VF8"; SM,H4 H⌐GFU- TZOYL
H⌐GvZ_!! YL p5ZGL IJUT⌐IJGI G IJnFXFBFG\RF,]HMOF6 I⌐IGJI;8LV⌐ TYF :YFIGS
T5F; ; IDITV⌐ D⌐S⌐,   HMOF6GL XZTMG\ 5IZ5F, G TFP #_v(vZ_!!; ⅯLDF\ SZ⌐ TM
TFP! 5v&vZ_!! YL TFP! $v&vZ_!Z ; ⅯLG\ V⌐S JQFⅠG\ RF,] HMOF6 VF5JF
I; Ig0S⌐BG⌐E, FD6 SZJLP

         sGMW ovp5I⌐ST SM,HGL HMOF6 VZÒ TYF T⌐ 5ZtJ⌐GM :YFGLS T5F; ; IDTL GM
         VC⌐F, VF ; FY⌐5IZIXQ8 ᴄᴄ$$ᴄᴄ TZLS⌐; FD⌐, K℘

VFRFI'ᵶl4 ; JⅯNI V⌐HI⌐S⌐XG 8÷8 ; ᴿRFI, T IFNJ SM,H VMO SM⌐d%I⌐BZ ; FI g; 4 H⌐GFU-
TZOYL H⌐G Z_!! YL GLR⌐GL IJUT⌐ RF,] HMOF6 DF8⌐ VFJ⌐, VZÒ TYF T⌐5ZtJ⌐GF :YFGLS
T5F; ; IDTL GF VC⌐F, 5Z IJRFZ6F SZJF AFAT

HMOF6 IJUT ᴏᴠ
IJ7FG IJnFXFBF sRF,]HMOF6f
ALP; LPVP 5NJLGF VeIF; SĐ
5LPÒPOLP; LPVP 5NJLGF VeIF; SĐ

GMWᴏᴠ   :YFGLS T5F; ; IDTL GF ; eIzLVMGM TFP! v&vZ_!! VG[TFP#v5vZ_!! GM
         VCĮF, TFP *v&vZ_!! VG[TFP TFP$v5vZ_!! GF ZMH D/[, KPRF,]HMOF6
         VF5JF E, FD6 SZ[, KP

         VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI'ᴢL4 ; JMNI VḤI§XG 8÷8 ; RFI, T IFNJ
SM, Ḥ VMO SMd%I8Z ; FIg; 4 HĢFU- TZOYL HĢvZ_!! YL p5ZGL IJUT[IJ7FG
IJnFXFBFG\ RF,] HMOF6 I]GJI;8LV[TYF :YFIGS T5F; ; IDITV[DŚ[,   HMOF6GL
XZTMG\ 5IZ5F, G TFP #_v(vZ_!!;WLDF\ SZ[TM TFP! 5v&vZ_!! YL
TFP! $v&vZ_!Z ; WLG\ V§ JQFG\RF,]HMOF6 VF5JF I; Ig0S§BG[E, FD6 SZJLP

sGMW ᴏᴠp5I§T SM, ḤGL HMOF6 VZÒ TYF T[5ZtJ[GM :YFGLS T5F; ; IDTL GM
VCĮF, VF; FY[5IZIXQ8 ᴄᴄ$5ᴄᴄ TZLS[; FD[, KPf

5# HMOF6

VFRFI'ᴢL4 ; JMNI S[/J6L ; DFH ; RFI, T 7FGI 7 SM, Ḥ VMO ; FIg; VĝO DĢHDᵭ84 ZFHSM8
TZOYL HĢ Z_!! YL GLR[GL IJUT[RF,]TYF SFIDL HMOF6 DF8[VFJ[, VZÒ TYF T[5ZtJ[GF
:YFGLS T5F; ; IDTL GF VCĮF, 5Z IJRFZ6F SZJF AFAT

HMOF6GL IJUT ᴏᴠ
IJ7FG IJnFXFBF sSFIDL HMOF6f
ALPV[; P; LPsDᵭbIqUF6f   DF. SḤAFIM, MÒ4 SD[:8Ⱡ4 AFIMSD[:8Ⱡ
               UF6   OLhLS; 4 AM8GL4 AFIM, MÒ
DĢHDᵭ8 IJnFXFBF sSFIDL HMOF6f
ALPALPVP5NJLGF VeIF; SĐ
IJ7FG IJnFXFBF sRF,]HMOF6f
5LPÒPOLP; LPVP5NJLGF VeIF; SĐ

GMWᴏᴠ   :YFGLS T5F; ; IDTL GM TFP!!v5vZ_!! GM VCĮF, TFP!!v5vZ_!! GF ZMH
         V+[D/[, KPRF,]HMOF6 VF5JF E, FD6 SZ[, KP

VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI'ᴢL4 ; JMNI S[/J6L ; DFH ; RFI, T 7FGI 7 SM, Ḥ
VMO ; FIg; VĝO DĢHDᵭ84 ZFHSM8 TZOYL HĢvZ_!! YL p5ZGL IJUT[IJ7FG
IJnFXFBF TYF DĢHDᵭ8 IJnFXFBFG\ SFIDL HMOF6 GCL\ VF5TF RF,] HMOF6 TYF
IJ7FG IJnFXFBFG\ RF,] HMOF6 I]GJI;8LV[TYF :YFIGS T5F; ; IDITV[DŚ[,
HMOF6GL XZTMG\ 5IZ5F, G TFP #_v(vZ_!!;WLDF\ SZ[TM TFP! 5v&vZ_!! YL
TFP! $v&vZ_!Z ; WLG\ V§ JQFG\RF,]HMOF6 VF5JF I; Ig0S§BG[E, FD6 SZJLP

sGMW ovp5I|ST SM,|HGL HMOF6 VZÒ TYF T[5ZtJ|GM :YFGLS T5F;   ; IDTL GM
VC[JF, VF ; FY[5IZIX08 cc$&cc TZLS[; FD[, K|Pf

5$ VFRFI"zL4 zL H, FZFD prR S[/J6L D0/ ; |RFI, T DFFT|zL V|DPJLPV|DPVF8"; V|gO SM|d%I|8Z
HMOF6   ; FI g; SM, |H4 ZFHSM8 TZOYL H|G Z_!! YL GLR|GL IJUT[RF,]HMOF6 DF8[VFJ|, VZÒ TYF
          T[5ZtJ|GF :YFGLS T5F; ; IDTL GF VC[JF, 5Z IJRFZ6F SZJF AFAT

HMOF6GL IJUTov
IJ7FG IJnFXFBF sRF,]HMOF6f
ALP; LPV[5NJLGF VeI F; SÐ
5LPÒPOL; LPVPGF VeI F; SÐM
JFI6HI IJnFXFBF sRF,]HMOF6f
ALPSM|DP sJ|§<5LSf   V|SFpg8 V|gO OFI GFg; D|G|HD|g8
                        AlhG[; D|G|HD|g84 SM|d%I|8Z ; FI g;
D|G|HD|g8 IJnFXFBF sRF,]HMOF6f
ALPALPVP5NJLGF VeI F; SÐM

GMWov   :YFGLS   T5F;   ; IDTL   GF   ; el zLGM TFPZ_v&vZ_!!   GM VC[JF,
          TFPZ! v&vZ_!! GF ZMH D/[, KP VG[RF,]HMOF6GL E, FD6 SZ[, KP

          VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI"zL4 zL H, FZFD prR S[/J6L D0/ ; |RFI, T
DFFT|zL V|DPJLPV|DPVF8"; V|gO SM|d%I|8Z ; FI g;   SM, |H4 ZFHSM8 TZOYL H|GvZ_!!
YL p5ZGL IJUT[IJ7FG IJnFXFBFGM JFI6HI IJnFXFBFG\TYF D|G|HD|g8 IJnFXFBFG\
RF,] HMOF6 I|jGJI; '8LV[TYF :YFIGS T5F;   ; IDITV[D|S[,   HMOF6GL XZTM|G\
5IZ5F, G TFP #_v(vZ_!! ; |WLDF\SZ[, TM TFP! 5v&vZ_!! YL TFP! $v&vZ_! Z
; |WLG\ V|§ JQF"G\RF,]HMOF6 VF5JF I; IgOS|BG[E, FD6 SZJLP

sGMW ovp5I|ST SM,|HGL HMOF6 VZÒ TYF T[5ZtJ|GM :YFGLS T5F;   ; IDTL GM
VC[JF, VF ; FY[5IZIX08 cc$*cc TZLS[; FD[, K|Pf

55   VFRFI"zL4 zL D; ZLEF. VF, FEF. RF|0ZF V|HI|§XG 8÷8 ; |RFI, T zLDTL JLPV|DPRF|0ZF
HMOF6   VF8"; SM, |H , |MV|H TZOYL H|G Z_!! YL GLR|GL IJUT[RF,]HMOF6 DF8[VFJ|, VZÒ TYF T[
          5ZtJ|GF :YFGLS T5F; ; IDTL GF VC[JF, 5Z IJRFZ6F SZJF AFAT

HMOF6GL IJUTov
IJGI G IJnFXFBF sRF,]HMOF6f
ALPVP sD|b|qUF|6f   ICgNL4 V'U|Ò4 VY"XF: +4 U|HZFTL4 ; DFHXF: +4 . ITCF;
                UF|6   ; |\ST
IJGI G IJnFXFBF sRF,]HMOF6f
ALPV[; POA<I|GF VeI F; SÐ

GMWov   :YFGLS T5F; ; IDTL GM TFP! (v5vZ_!! GM VCUF, TFPZ$v5vZ_!! GF ZMH
          V+[D/[, KP RF,]HMOF6GL E, FD6 SZ[, KP

        VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI'ZL4 zL D; ZLEF. VF, FEF. RF'0ZF VHI[S]XG 8÷8
; RFI, T zLDTL JLPVDPRF'0ZF VF8"; SM,H , MVH TZOYL HGvZ_!! YL p5ZGL IJUT[
IJGI G   IJnFXFBFG\ RF,]HMOF6 I]IGJI; 8LV[TYF :YFIGS T5F; ; IDITV[DS[,   HMOF6GL
XZTMG\ 5IZ5F, G TFP #_v(vZ_!!;]WLDF\SZ[TM TFP! 5v&vZ_!! YL TFP! $v&vZ_! Z
;]WLG\ V[S JOFG\ RF,]HMOF6 VF5JF I; IgOS]8G[E, FD6 SZJLP

sGMW ovp5I]ST SM,HGL HMOF6 VZÒ TYF T[5ZtJ]GM :YFGLS T5F; ; IDTL GM
VCUF, VF; FY[5IZIX08   cc$ (cc TZLS[; FD[, KPf

5&   VFRFI'ZL4 VMDSFZ V]HI[S]XG 8÷8 ; RFI, T J[, GMG SM,H VMO SMd%I8Z ; FIg; 4 ZFHSM8
HMOF6   TZOYL H]G Z_!! YL GLR[GL IJUT[RF,]HMOF6 DF8[VFJ[, VZÒ TYF T[5ZtJ]GF :YFGLS
         T5F; ; IDTL GF VCUF, 5Z IJRFZ6F SZJF AFAT

HMOF6GL IJUTvv
IJ7FG IJnFXFBF sRF,]HMOF6f
ALP; LPVP5NJLGF VeI F; SÐ
5LPÒPOLP; LPVGF VeI F; SÐ

GMWov   :YFGLS T5F; ; IDTL GF ; eIMGM TFP! (v5vZ_!! GM VCUF, TFPZ#v&vZ_!!
          GF ZMH D/[, KP RF,]HMOF6GL E, FD6 SZ[, KP

        VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI'ZL4 VMDSFZ V]HI[S]XG 8÷8 ; RFI, T J[, GMG
SM, H VMO SMd%I8Z ; FIg; 4 ZFHSM8 TZOYL H]GvZ_!! YL p5ZGL IJUT[IJ7FG
IJnFXFBFG\ RF,]HMOF6 I]IGJI; 8LV[TYF :YFIGS T5F; ; IDITV[DS[,   HMOF6GL
XZTMG\ 5IZ5F, G TFP #_v(vZ_!!;]WLDF\ SZ[TM TFP! 5v&vZ_!! YL
TFP! $v&vZ_! Z ;]WLG\ V[S JOFG\ RF,]HMOF6 VF5JF I; IgOS]8G[E, FD6 SZJLP

sGMW ovp5I]ST SM,HGL HMOF6 VZÒ TYF T[5ZtJ]GM :YFGLS T5F; ; IDTL GM
VCUF, VF; FY[5IZIX08   cc$) cc TZLS[; FD[, KPf

5*   VFRFI'ZL4   ; [S<5 ; MxI, VgO VHI[S]XG, 8÷8 ; RFI, T zL V[RPV[GPXS[,   SM,H VMO
HMOF6   VF. P8LP Vg0 D[G[HD[g84 ZFHSM8 TZOYL H]G Z_!! YL GLR[GL IJUT[RF,]HMOF6 DF8[VFJ[,
         VZÒ TYF T[5ZtJ]GF :YFGLS T5F; ; IDTL GF VCUF, 5Z IJRFZ6F SZJF AFAT
HMOF6GL IJUTov
IJ7FG IJnFXFBF sRF,]HMOF6f
ALPV[, P; LPVF. P8LP 5NJLGF VeI F; SÐ
5LPÒPOLP; LPVPGF VeI F; SÐ

JFI6HI IJnFXFBF sRF,]HMOF6f
ALPSMDP sJ[S<5LSf   V[SFpg8lU V[gO OFI GFg; D[G]HD[g84 SM[d%I]8Z ; FI g;

GMWov   :YFGLS   T5F;   ; IDTL   GF   ; eI zLVMGM TFPZ5v&vZ_! !   GM VC[JF,
        TFPZ)v&vZ_! ! GF ZMH D/[, K[P RF,]HMOF6 VF5JF E, FD6 SZ[, K[P

        VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI'ZL4 ; [S<5 XM:I, V[gO V[HI][SG, 8÷8
; [RFI, T zL V[RPV[GPX][S, SM, [H VMO VF. P8LP V[gO D[G]HD[g84 ZFHSM8 TZOYL
H[GvZ_! ! YL p5ZGL IJUT[IJ7FG IJnFXFBFG]\ TYF JFI6HI   IJnFXFBFG]\ RF,]
HMOF6 I]IGJI; 8LV[TYF :YFIGS T5F; ; IDITV[D][S,   HMOF6GL XZTMG]\5IZ5F, G TFP
#_v(vZ_! ! ;]WLDF\SZ[TM TFP! 5v&vZ_! ! YL TFP! $v&vZ_! Z ;]WLG]\ V][S JQOFG]\ RF,]
HMOF6 VF5JF I; IgOS[BG[E, FD6 SZJLP

sGMWov p5I][ST SM,[HGL HMOF6 VZÒ TYF T[5ZtJ[GM :YFGLS T5F;   ; IDTL GM
VC[JF, VF ; FY[5IZIX Q8 cc5_cc TZLS[; FD[, K[Pf

5(
HMOF6
        VFRFI'ZL4 zL :JFDL GFZFI6 U][-S]/ ; [RFI, T XF:+L :JFDL WD'ÒJG NF;]Ò . gOMD[XG
8[SGM, MÒ . g:8L8]]B 4 H[GFU- TZOYL H[G vZ_! ! YL GLR[GL IJUT[RF,]HMOF6 DF8[VFJ[,
VZÒ TYF T[5ZtJ[GF :YFGLS T5F; ; IDTL GF VC[JF, 5Z IJRFZ6F SZJF AFAT

HMOF6GL IJUTov
IJ7FG IJnFXFBF sRF,]HMOF6f
ALP; LPVP[P5NJLGF Vel F; SÐ
ALPVI[, P; LPVF. P8LP GF Vel F; SÐ
5LPÒPOPOLP; LPVP[GF Vel F; SÐ

GMWov   :YFGLS   T5F;   ; IDTL   GF   ; eI zLVMGM TFP$v&vZ_! !   GM VC[JF,
        TFP&v&vZ_! ! GF ZMH D/[, K[PRF,]HMOF6 VF5JF E, FD6 SZ[, K[P

        VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI'ZL4 zL :JFDL GFZFI6 U][-S]/ ; [RFI, T XF:+L
:JFDL WD'ÒJG NF;]Ò . gOMD[XG 8[SGM, MÒ . g:8L8]]B 4 H[GFU- TZOYL H[GvZ_! !
YL p5ZGL IJUT[IJ7FG IJnFXFBFG]\ RF,] HMOF6 I]IGJI; 8LV[TYF :YFIGS T5F;
; IDITV[D][S,   HMOF6GL XZTMG]\ 5IZ5F, G TFP #_v(vZ_! ! ;]WLDF\ SZ[TM
TFP! 5v&vZ_! ! YL TFP! $v&vZ_! Z ;]WLG]\   V][S JQOFG]\ RF,] HMOF6 VF5JF
I; IgOS[BG[E, FD6 SZJLP

sGMWov p5I][ST SM,[HGL HMOF6 VZÒ TYF T[5ZtJ[GM :YFGLS T5F; ; IDTL GM
VC[JF, VF ; FY[5IZIX Q8 cc5! cc TZLS[; FD[, K[Pf

5)
HMOF6
VFRFI'zL4 DCFtDF UFWL VHISXG 8÷8 ; RFI, T zL VRPVGP XS, SM,H VMO VHISXG4
VDZU- sELRZLf ZFHSM8 TZOYL HG Z_!! YL GLRGL IJUT[RF,]HMOF6 DF8[VFJ[, VZÒ
TYF T[5ZtJGF :YFGLS T5F; ; IDTL GF VCUF, 5Z IJRFZ6F SZJF AFAT

HMOF6GL IJUTov
IX1F6 IJnFXFBF sRF,]HMOF6f
ALPVPP5NJLGF VeI F; SÐ

GMov   :YFGLS T5F; ; IDTL GF ; eI zLVMGM TFPZ) v&vZ_!! GM VCUF, V+[D/[, KP
        RF,]HMOF6 VF5JF E, FD6 SZ[, KP

VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI'zL4 DCFtDF UFWL VHISXG 8÷8 ; RFI, T zL
VRPVGP XS, SM,H VMO VHISXG4 VDZU- sELRZLf ZFHSM8 TZOYL HGvZ_!!
YL p5ZGL IJUT[IX1F6 IJnFXFBFG\ RF,] HMOF6 IJGJI; 8LV[TYF :YFIGS T5F;
; IDITV[DS[,   HMOF6GL XZTMG\ 5IZ5F, G TFP #_v(vZ_!!;WLDF\ SZ[TM
TFP! 5v&vZ_!! YL TFP!$v&vZ_!Z ;WLG\ VS JQFFG\ RF,] HMOF6 VF5JF
I; IgOSBG[E, FD6 SZJLP

sGMov p5I[ST SM,HGL HMOF6 VZÒ TYF T[5ZtJGM :YFGLS T5F; ; IDTL GM
VCUF, VF ; FY[5IZIX08 cc5Zcc TZLS[; FD[, KPf

&_
HMOF6
VFRFI'zL4 zL ; Z:JTL ; MxI, Vg0 VHISXG zL VRPVGPXS, SM,H VMO , LU, :80Lh4
VDZU- sELRZLf ZFHSM8 TZOYL HG Z_!! YL GLRGL IJUT[RF,]HMOF6 DF8[VFJ[, VZÒ
TYF T[5ZtJGF :YFGLS T5F; ; IDTL GF VCUF, 5Z IJRFZ6F SZJF AFAT

HMOF6GL IJUTov
SFI NF IJnFXFBF sRF,]HMOF6f
V[, PV[, PALP s. g8LU80f 5NJLGF VeI F; SÐ

GMov   :YFGLS T5F; ; IDTL GM TFPZ5v&vZ_!! GM VCUF, TFPZ*v&vZ_!! GF ZMH
        D/[, KPRF,]HMOF6 VF5JF E, FD6 SZ[, KP

VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI'zL4 zL ; Z:JTL ; MxI, Vg0 VHISXG zL
VRPVGPGPXS, SM,H VMO , LU, :80Lh4 VDZU- sELRZLf ZFHSM8 TZOYL
HGvZ_!! YL p5ZGL IJUT[SFI NF IJnFXFBFG\ RF,] HMOF6 IJGJI; 8LV[TYF :YFIGS
T5F; ; IDITV[DS[,   HMOF6GL XZTMG\ 5IZ5F, G TFP #_v(vZ_!!;WLDF\SZ[TM
TFP! 5v&vZ_!! YL TFP!$v&vZ_!Z ;WLG\ VS JQFFG\ RF,] HMOF6 VF5JF
I; IgOSBG[E, FD6 SZJLP
sGMov p5I[ST SM,HGL HMOF6 VZÒ TYF T[5ZtJGM :YFGLS T5F; ; IDTL GM
VCUF, VF ; FY[5IZIX08 cc5#cc TZLS[; FD[, KPf

&!
HMOF6   VFRFI'ZL4 JLPHPDM-F VHI§XG 8÷8 ; RFI, T ZL JLPHPDM-F SM,H VMO .gOMDXG
8§GM, MÒ4 5MZANZ TZOYL HG Z_!! YL GLRGL IJUT[RF,]HMOF6 DF8[VFJ[, VZÒ TYF T[
5ZtJGF :YFGLS T5F; ; IDTL GF VC[JF, 5Z IJRFZ6F SZJF AFAT

HMOF6GL IJUT0v
IJ7FG IJnFXFBF sRF,]HMOF6f
ALP; LPVP5NJLGF VeI F; SÐ
5LPÒPOLP; LPVPGF VeI F; SÐ

GMM0v   :YFGLS T5F;   ; IDTL GF ; eI ZLGM TFP !! v&vZ_!! GM VC[JF,
TFPZ! v&vZ_!! GF ZMH D/[, KP RF,]HMOF6GL E, FD6 SZ[, KP

VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI'ZL4 JLPHPDM-F VHI§XG 8÷8 ; RFI, T ZL
JLPHPDM-F SM,H VMO .gOMDXG 8§GM,MÒ4 5MZANZ TZOYL HGvZ_!! YL p5ZGL
IJUT[IJ7FG IJnFXFBFG\RF,]HMOF6 I]GJI; 8LV[TYF :YFIGS T5F; ; IDITV[D§[,
HMOF6GL XZTMG\ 5IZ5F, G TFP #_v(vZ_!! ;]MLDF\SZ[TM TFP! 5v&vZ_!! YL
TFP! $v&vZ_!Z ;]MLG\ V§ JQFTG\RF,]HMOF6 VF5JF I; IgOS§BG[E, FD6 SZJLP

sGMM0v p5I§T SM,HGL HMOF6 VZÒ TYF T[5ZtJGM :YFGLS T5F; ; IDTL GM
VC[JF, VF ; FY[5IZIXQ8 cc5$cc TZLS[; FD[, KPf

&Z
HMOF6   VFRFI'ZL4 X[9 ZL 5|E]NF; EF. UMS/EF. 58[, SMD; "SM,H4 DMZAL TZOYL HG Z_!! YL
GLRGL IJUT[RF,]HMOF6 DF8[VFJ[, VZÒ TYF T[5ZtJGF :YFGLS T5F; ; IDTL GF VC[JF,
5Z IJRFZ6F SZJF AFAT

HMOF6GL IJUT0v
JFI6HI IJnFXFBF sRF,]HMOF6f
ALPSMDPsJ§<5LSf   V§Fpg8 V]0 OFI GFg; 4 SM]d%I§Z ; FI g;

GMM0v   :YFGLS T5F;   ; IDTL GF ; eI ZLGM TFP! &v5vZ_!! GM VC[JF, TFP
!! v&vZ_!! GF ZMH D/[, KP RF,]HMOF6 VF5JF E, FD6 SZ[, KP

VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI'ZL4 X[9 ZL 5|E]NF; EF. UMS/EF. 58[,
SMD; "SM,H4 DMZAL TZOYL HGvZ_!! YL p5ZGL IJUT[JFI6HI IJnFXFBFG\RF,]
HMOF6 I]GJI; 8LV[TYF :YFIGS T5F; ; IDITV[D§[, HMOF6GL XZTMG\5IZ5F, G TFP
#_v(vZ_!! ;]MLDF\SZ[TM TFP! 5v&vZ_!! YL TFP! $v&vZ_!Z ;]MLG\ V§ JQFTG\
RF,]HMOF6 VF5JF I; IgOS§BG[E, FD6 SZJLP

sGMM0v p5I§T SM,HGL HMOF6 VZÒ TYF T[5ZtJGM :YFGLS T5F; ; IDTL GM
VC[JF, VF ; FY[5IZIXQ8 cc55cc TZLS[; FD[, KPf

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HMOF6

VFRFI"zL4 zL ; ZNFZ 58[, V|HI|S|XG 8÷8 ; 'RFI, T ; ZNFZ 58[, DIC, F ALPV|PPSM, |H4 HMQFL5|ZF4 H|GFU- TZOYL H|G Z_!! YL GLR|GL IJUT[RF,]HMOF6 DF8[VFJ[, VZÒ TYF T[5ZtJ|GF :YFGLS T5F; ; IDTL GF VC[JF, 5Z IJRFZ6F SZJF AFAT

HMOF6GL IJUTοv
IX1F6 IJnFXFBF sRF,]HMOF6f
ALPV|PP5NJLGF VeIF; S-Đ

GMWοv   :YFGLS T5F; ; IDTL GF TFP!) v$vZ_!! GM VC[JF, TFP Z (v5vZ_!! GF ZMH D/[, K|PRF,]HMOF6GL E, FD6 SZ[, K|P

VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI"zL4 zL ; ZNFZ 58[, V|HI|S|XG 8÷8 ; 'RFI, T ; ZNFZ 58[, DIC, F ALPV|PPSM, |H4 HMQFL5|ZF4 H|GFU- TZOYL H|GvZ_!! YL p5ZGL IJUT[IX1F6   IJnFXFBFG\ RF,] HMOF6 I|IGJI; 8LV[TYF :YFIGS T5F; ; IDITV[D|S[, HMOF6GL XZTWG\ 5IZ5F, G TFP #_v(vZ_!!; |WLDF\ SZ[TM TFP! 5v&vZ_!! YL TFP! $v&vZ_! Z ; |WLG\ V|S JOF'G\ RF,]HMOF6 VF5JF I; IgOS|8G[E, FD6 SZJLP

sGMWοv p5I|S|T SM, |HGL HMOF6 VZÒ TYF T[5ZtJ|GM :YFGLS T5F; ; IDTL GM VC[JF, VF ; FY[5IZIX08   cc5&cc TZLS[; FD[, K|Pf

&$
HMOF6

VFRFI"zL4 zL ; F|N5GL V|HI|S|XG 8÷8 ; 'RFI, T zL . GMU|8LJ VF8", V|gO SMD; " SM, |HvBMZF; F sULZfvDF/LIF CF8|LGFvÒPH|GFU- TZOYL H|G Z_!! YL GLR|GL IJUT[RF,] HMOF6 DF8[VFJ[, VZÒ TYF T[5ZtJ|GF :YFGLS T5F; ; IDTL GF VC[JF, 5Z IJRFZ6F SZJF AFAT

HMOF6GL IJUTοv
IJGI G IJnFXFBF sRF,]HMOF6f
ALPV|P sD|b|I qUF|6f   ICgNL4 DGMIJ7FG4 ; \ST4 U|HZFTL4. ITCF; 4 VU|Ò
ALPV|[POA<I] 5NJLGF VeIF; S-ĐM
GMWοv s! f   :YFGLS T5F; ; IDTL GM TFP!) v5vZ_!! GM VC[JF, V+[TFPZ_v5vZ_!! GF ZMH D/[, K|P RF,]HMOF6 VF5JF E, FD6 SZ[, K|P

sZf   :YFGLS T5F; ; IDTL V[VU|Ò4 ; DFHXF:+4 VG[VY"XF:+ GF GJF JWFZFGF HMOF6 VF5JF E, FD6 SZ[, K|P

s#f   :YFGLS T5F; ; IDTL GF IGD6|S 5+DF\GJF VeIF; S-Đ qGJL IJnFXFBFGL E, FD6 SZJFGL ZC[TL GYL T|D H6FJ[, K|P

s$f   I; gOLS\[BGL TFP Z&v$vZ_!! GL ; EFGF 9ZFJYL GJL SM,H ; \ uG
SM,HMDF\GJL IJnFXFBF GF GJF HMOF6 J0F"Z_!!qZ_! Z YL VF5JF ; NE[
IGO SID8LGL ZRGF SZJF 9ZFJ[, KP

VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI'ZL4 zL ; FVN5GL VHIS\XG 8÷8 ; RFI, T zL
. GMJ\BLJ VF8"; V\g0 SMD; "SM,HvBMZF; F sULZfvDF/LIF CF8LGFvÒPH]GFU- TZOYL
H]GvZ_!! YL p5ZGL IJUT[IJGIG IJnFXFBFG\RF,]HMOF6 :YFIGS T5F; ; IDITGL
E,FD6 D]HA I]IGJI; 8LV[TYF :YFIGS T5F; ; IDITV[D]S[, HMOF6GL XZTMG\
5IZ5F, G TFP #_v(vZ_!!;WLDF\SZ[TM TFP! 5v&vZ_!! YL TFP! $v&vZ_! Z
; WLG\ V[S J0F"G\RF,]HMOF6 VF5JF I; IgOS\BG[E,FD6 SZJLP

sGMWov p5I[ST SM,HGL HMOF6 VZÒ TYF T[5ZtJJGM :YFGLS T5F; ; IDTL GM
VC[JF, VF ; FY[5IZIX08 cc5*cc TZLS[; FD[, KPf

HMOF6   VFRFI'ZL4 , FBF6L VHIS\XG V\g0 R]ZL8[A, 8÷8 ; RFI, T ; Z:JTL SM,H VWO SMD; "4
ALPALPVP V\g0 VF. P8LP4WMZFÒ TZOYL H]G Z_!! YL GLR]GL IJUT[RF,]HMOF6 DF8[VFJ[,
VZÒ TYF T[5ZtJJGF :YFGLS T5F; ; IDTL GF VC[JF, 5Z IJRFZ6F SZJF AFAT

HMOF6GL IJUTov
IJ7FG IJnFXFBFsRF,]HMOF6f
ALP; LPVP5NJLGF Ve I F; S\DM
ALPV[, P; LPVF. P8LP 5NJLGF Ve I F; S\DM
5LPÒPOLP; LPVP5NJLGF Ve I F; S\DM
D]HHD]g8 IJnFXFBFsRF,]HMOF6f
ALPALPVP5NJLGF Ve I F; S\DM

    :YFGLS T5F; ; IDTL GF TFP! _v5vZ_!! GM VC[JF, TFPZ(v5vZ_!! GF ZMH
    D/[, KP RF,]HMOF6 VF5JF E, FD6 SZ[, KP

VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI'ZL4 , FBF6L VHIS\XG V\g0 R]ZL8[A, 8÷8
; RFI, T ; Z:JTL SM,H VWO SMD; "4 ALPALPVP V\g0 VF. P8LP4WMZFÒ TZOYL
H]GvZ_!! YL p5ZGL IJUT[IJ7FG IJnFXFBFG\ TYF D]HHD]g8 IJnFXFBFG\ RF,]
HMOF6 I]IGJI; 8LV[TYF :YFIGS T5F; ; IDITV[D]S[, HMOF6GL XZTMG\5IZ5F, G TFP
#_v(vZ_!!;WLDF\SZ[TM TFP! 5v&vZ_!! YL TFP! $v&vZ_! Z ; WLG\ V[S J0F"G\
RF,]HMOF6 VF5JF I; IgOS\BG[E,FD6 SZJLP

sGMWov p5I[ST SM,HGL HMOF6 VZÒ TYF T[5ZtJJGM :YFGLS T5F; ; IDTL GM
VC[JF, VF ; FY[5IZIX08 cc5(cc TZLS[; FD[, KPf

&&
HMOF6   VFRFI"zL4 zL hLh]UFOF S[/J6L D'O/ 8÷8 ; RFI, T VF8";   SM, H4 hLh]UFOF TZOYL H]G
             Z_!! YL GLR[GL IJUT[RF,]HMOF6 DF8[VFJ], VZÒ TYF T[5ZtJ]GF :YFGLS T5F; ; IDTL
             GF VC]JF, 5Z IJRFZ6F SZJF AFAT

             HMOF6GL IJUTᴏᴠ
             IJGI G IJnFXFBsRF,]HMOF6f
             ALPVPsD]ᴏI qUF[6f   U]HZFTL4 CLgNL4 V'U]Ò4 ; \ST4 ; DFHXF: +4
                                    VY'XF: +4DGMIJ7FG4 . ITCF; 4 E]UM/

             GMMᴏᴠ   :YFGLS T5F; ; IDTL GF TFP! Zv5vZ_!! GF VC]JF, TFPZ(v5vZ_!! GF ZMH
                      D/[, KPVG[RF,]HMOF6GL E, FD6 SZ[, KP

                 VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI"zL4 zL hLh]UFOF S[/J6L D'O/ 8÷8 ; RFI, T
             VF8"; SM, H4 hLh]UFOF TZOYL H]GvZ_!! YL p5ZGL IJUT[IJGI G IJnFXFBFG]RF,]
             HMOF6 I]IGJI; 8LV[TYF :YFGIGS T5F; ; IDITV[D]S[, HMOF6GL XZTMG]\5IZ5F, G TFP
             #_v(vZ_!! ;]WLDF\SZ[TM TFP! 5v&vZ_!! YL TFP! $v&vZ_! Z ;]WLG]\ V[S J0FG'G]\
             RF,]HMOF6 VF5JF I; Ig0S8BG[E, FD6 SZJLP

             sGMMᴏᴠ p5I]ST SM, H]GL HMOF6 VZÒ TYF T[5ZtJ]GM :YFGLS T5F; ; IDTL GM
             VC]JF, VF ; FY[5IZIX08 ᴄᴄ5)ᴄᴄ TZLS[; FD[, KPf

&*
HMOF6   VFRFI"zL4 zL V[RPV[GPNMXL VF8";   VG[VFZPV[GPNMXL SMD; "SM, H4 JF'SFGG]Z TZOYL H]G
             Z_!! YL GLR[GL IJUT[SFI DL HMOF6 DF8[VFJ], VZÒ TYF T[5ZtJ]GF :YFGLS T5F; ; IDTL
             GF VC]JF, 5Z IJRFZ6F SZJF AFAT

             HMOF6GL IJUTᴏᴠ
             JFI6HI IJnFXFBF sSFI DL HMOF6f
             ALPSMDP sJ[§<5LSf   SM[d%I[8Z ; FIg;

             GMMᴏᴠ   :YFGLS T5F;   ; IDTL GF ; eI zLVMGM TFP (v&vZ_!! GM VC]JF,
                      TFPZ(v&vZ_!! GF ZMH D/[, KP VG[SFI DL HMOF6 VF5JF E, FD6 SZ[, KP

                 VFYL 9ZFJJFDF\ VFJ[K[S[p5ZMST AFAT SFI DL HMOF6 V'U[IGI]ST YI[,
             SIDI8GF VC]JF, VFjIF AFN IJRFZ6F SZJLP

             sGMMᴏᴠ p5I]ST SM, H]GL HMOF6 VZÒ TYF T[5ZtJ]GM :YFGLS T5F; ; IDTL GM
             VC]JF, VF ; FY[5IZIX08 ᴄᴄ&_ᴄᴄ TZLS[; FD[, KPf

&(
HMOF6
   VFRFI'zl4 zl ALPVDPAFZO VHISXG 8÷8 ; RFI, T zl HPALPAFZO ALPVDPSM, H4
;]+F5FOF TZOYL HG Z_!! YL GLRGL IJUT[RF,]HMOF6 DF8[VFJ[, VZÒ TYF T[5ZtJGF
:YFGLS T5F; ; IDTL GF VCUF, 5Z IJRFZ6F SZJF AFAT

HMOF6GL IJUTov
IX1F6 IJnFXFBFsRF,]HMOF6f
ALPVDP5NJLGF VeIF; SÐ

GMWov   :YFGLS T5F; ; IDTL GM VCUF, TFPZv*vZ_!! GM TFP (v*vZ_!! GF ZMH
V+{D/[, KP RF,]HMOF6 VF5JF E, FD6 SZ[, KP

   VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI'zl4 zl ALPVDPAFZO VHISXG 8÷8
; RFI, T zl HPALPAFZO ALPVDPSM, H4 ;]+F5FOF TZOYL HGvZ_!! YL p5ZGL
IJUT[IX1F6 IJnFXFBFG\ RF,]HMOF6 I]GJI; 8LV[TYF :YFIGS T5F; ; IDITV[DSI[,
HMOF6GL XZTWG\ 5IZ5F, G TFP #_v(vZ_!!; WLDF\ SZ[TM TFP! 5v&vZ_!! YL
TFP! $v&vZ_! Z ; WLGG\ VS JQFFG\ RF,]HMOF6 VF5JF I; IgOSBG[E, FD6 SZJLP

sGMWov p5I]ST SM, HGL HMOF6 VZÒ TYF T[5ZtJGM :YFGLS T5F; ; IDTL GM
VCUF, VF ; FY[5IZIX08 cc&!cc TZLS[; FD[, KPf

&)
HMOF6
   VFRFI'zl4 zl ZUT U'5 VMO 5WZAWZ ; RFI, T zl ULTFH, L SM, H VMO VF. P8LP VgO
DGHDg84ZFHSM8 TZOYL HG Z_!! YL GLRGL IJUT[RF,]HMOF6 DF8[VFJ[, VZÒ TYF T[
5ZtJGF :YFGLS T5F; ; IDTL GF VCUF, 5Z IJRFZ6F SZJF AFAT

HMOF6GL IJUTov
IJ7FG IJnFXFBF sRF,]HMOF6f
ALP; LPVP5NJLGF VeIF; SÐM
DGHDg8 IJnFXFBF sRF,]HMOF6f
ALPALPVP5NJLGF VeIF; SÐM

GMWov   :YFGLS T5F;   ; IDTL GF   ; eI zlVWGM TFP! (v5vZ_!!   VCUF,
TFPZ (v&vZ_!! GF ZMH D/[, KP RF,]HMOF6 VF5JF E, FD6 SZ[, KP

   VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI'zl4 zl ZUT U'5 VMO 5WZAWZ ; RFI, T zl
ULTFH, L SM, H VMO VF. P8LP VgO DGHDg84ZFHSM8 TZOYL HGvZ_!! YL p5ZGL
IJUT[IJ7FG IJnFXFBFG\ TYF DGHDg8 IJnFXFBFG\ RF,] HMOF6 I]GJI; 8LV[TYF
:YFIGS T5F; ; IDITV[DSI[, HMOF6GL XZTWG\ 5IZ5F, G TFP #_v(vZ_!! ; WLDF\
SZ[TM TFP! 5v&vZ_!! YL TFP! $v&vZ_! Z ; WLGG\ VS JQFFG\ RF,]HMOF6 VF5JF
I; IgOSBG[E, FD6 SZJLP

sGMWoV p5I ST SM, HGL HMOF6 VZÒ TYF T[5ZtJ GM :YFGlS T5F; ; IDTL GM
VC[JF, VF ; FY[5IZIXQ8 cc&Zcc TZlS[; FD[, KP f

*_
HMOF6

VFRFI "zL4 zL ZIT, F, JWF; LI F :DFZS 8÷8 ; RFI, T zL ; Z:JTL IX1F6 DCFIJnF, I
sALPV[PPSM, Hf4 EJTJO TZOYL H G Z_!! YL GLR GL IJUT[SFI DL HMOF6 DF8[VFJ[, VZÒ
TYF T[5ZtJ GF :YFGlS T5F; ; IDTL GF VC[JF, 5Z IJRFZ6F SZJF AFAT

HMOF6GL IJUToV
IX1F6 IJnFXFBF sSFI DL HMOF6f
ALPV[P5NJLGF VelF; SÐ

GMWoV :YFGlS T5F; ; IDTL GF TFPZv5vZ_!! GM VC[JF, TFP&v5vZ_!! GF ZMH
D/[, KP RF,]HMOF6 VF5JF E, FD6 SZ[, KP

VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI "zL4 zL ZIT, F, JWF; LI F :DFZS 8÷8
; RFI, T zL ; Z:JTL IX1F6 DCFIJnF, I sALPV[PPSM, Hf4 EJTJO TZOYL H GvZ_!!
YL p5ZGL IJUT[IX1F6 IJnFXFBFG\ SFI DL HMOF6 GCL\ VF5TF RF,] HMOF6
IÌGJI; 8LV[TYF :YFIGS T5F; ; IDITV[D S[, HMOF6GL XZTMG\ 5IZ5F, G TFP
#_v(vZ_!! ; WLDF\ SZ[TM TFP! 5v&vZ_!! YL TFP! $v&vZ_! Z ; WLG\ V S
JQFRG\ RF,]HMOF6 VF5JF I; IgOS BG[E, FD6 SZJLP

sGMWoV p5I ST SM, HGL HMOF6 VZÒ TYF T[5ZtJ GM :YFGlS T5F; ; IDTL GM
VC[JF, VF ; FY[5IZIXQ8 cc&#cc TZlS[; FD[, KP f

*!
HMOF6

VFRFI "zL4 UFD ; FJHGlS V HI SXG 8÷8 ; RFI, T ALPV[PPSM, H4VDZF5Z Z TZOYL H G
Z_!! YL GLR GL IJUT[RF,]HMOF6 DF8[VFJ[, VZÒ TYF T[5ZtJ GF :YFGlS T5F; ; IDTL
GF VC[JF, 5Z IJRFZ6F SZJF AFAT

HMOF6GL IJUT oV
IX1F6 IJnFXFBF sRF,]HMOF6f
ALPV[P 5NJLGF VelF; SÐM

GMWoV :YFGlS T5F; ; IDTL GFM TFP$v5vZ_!! GM VC[JF, TFP &v5vZ_!! GF ZMH
D/[, KP VG[RF,]HMOF6 VI JQF J0F"DF8[VF5JF E, FD6 SZ[, KP

VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI "zL4 UFD ; FJHGlS V HI SXG 8÷8 ; RFI, T
ALPV[PPSM, H4VDZF5Z Z TZOYL H GvZ_!! YL p5ZGL IJUT[IX1F6 IJnFXFBFG\ RF,]
HMOF6 IÌGJI; 8LV[TYF :YFIGS T5F; ; IDITV[D S[, HMOF6GL XZTMG\ 5IZ5F, G TFP
#_v(vZ_!! ; WLDF\SZ[TM TFP! 5v&vZ_!! YL TFP! $v&vZ_! Z ; WLG\ V S JQFRG\
RF,]HMOF6 VF5JF I; IgOS BG[E, FD6 SZJLP

sGMWov p5I]ST SM,|HGL HMOF6 VZÒ TYF T[5ZtJ|GM :YFGLS T5F; ; IDTL GM
VC|JF, VF ; FY[5IZIX08 cc&$cc TZLS[; FD[, K|Pf

*Z   VFRFI'zl4 58[, EF6Ò ELDÒ R[ZL8|A, V|g0 V|HI|S|XG 8÷8 ; RFI, T zLDTL
HMOF6 V[; PALPUFZOL ALPV|PPSM,|H4 W|M, TZOYL H|G Z_!! YL GLR|GL IJUT[RF,] HMOF6 DF8[
VFJ[, VZÒ TYF T[5ZtJ|GF :YFGLS T5F; ; IDTL GF VC|JF, 5Z IJRFZ6F SZJF AFAT

HMOF6GL IJUTov
IX1F6 IJnFXFBF sRF,] HMOF6f
ALPV|PP5NJLGF VeI F; S|DM

GMWov   :YFGLS T5F; ; IDTL GF TFP #v5vZ_!! GM VC|JF, TFP (v5vZ_!! GF ZMH
         D/[, K|P RF,]HMOF6 VF5JF E, FD6 SZ[, K|P

         VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI'zl4 58[, EF6Ò ELDÒ R[ZL8|A, V|g0
V|HI|S|XG 8÷8 ; RFI, T zLDTL V[; PALPUFZOL ALPV|PPSM,|H4 W|M, TZOYL
H|GvZ_!! YL p5ZGL IJUT[IX1F6 IJnFXFBFGM RF,] HMOF6 I|IGJI; 8LV[TYF :YFIGS
T5F; ; IDITV[D|S[, HMOF6GL XZTMG\ 5IZ5F, G TFP #_v(vZ_!!; |WLDF\SZ[TM
TFP! 5v&vZ_!! YL TFP! $v&vZ_!Z ; |WLG\ V|S JOFG\ RF,] HMOF6 VF5JF
I; Ig0S|BG[E, FD6 SZJLP

sGMWov p5I]ST SM,|HGL HMOF6 VZÒ TYF T[5ZtJ|GM :YFGLS T5F; ; IDTL GM
VC|JF, VF ; FY[5IZIX08 cc&5cc TZLS[; FD[, K|Pf

*#   VFRFI'zl4 W JZFJFJ/ VHI|S|XG ; |M; FI 8L ; RFI, T zl SPV|DP; JHF6L V|g0 zLDTL
HMOF6 SP5P; JHF6L ALP; LPVP SM, |H4JZFJFJ/ TZOYL H|G Z_!! YL GLR|GL IJUT[RF,] HMOF6 DF8[
VFJ[, VZÒ TYF T[5ZtJ|GF :YFGLS T5F; ; IDTL GF VC|JF, 5Z IJRFZ6F SZJF AFAT

HMOF6GL IJUTov
JFI6HI IJnFXFBFsRF,] HMOF6f
OLP; LPV[; PGF VeI F; S|D
IJ7FG IJnFXFBFsRF,] HMOF6f
ALP; LPVP5NJLGF VeI F; S|D
5LPÒPOOLP; LPVP5NJLGF VeI F; S|D
D|G|HD|g8 IJnFXFBF sRF,] HMOF6f
ALPALPVP5NJLGF VeI F; S|D

GMWov   :YFGLS T5F;   ; IDTL GF ; eI zLVMGM TFPZ$v&vZ_!! GM VC|JF,
         TFPZ$v&vZ_!! GM VC|JF, V+[!#v*vZ_!! GF ZMH D/[, K|P RF,] HMOF6
         VF5JF E, FD6 SZ[, K|P

VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI'ZL4 W J[ZFJ/ V[HI[S]XG ; M; FI 8L ; [RFI, T
zL S[PV[DP; JHF6L V[gO zLDTL S[PS[P; JHF6L ALP; LPV[P SM, [H4J[ZFJ/   TZOYL
H[GvZ_!! YL p5ZGL IJUT[JFI6HI IJnFXFBFG[4 IJ7FG IJnFXFBFG\TYF D[GHD[j8
IJnFXFBFG\ RF,] HMOF6 I[]GJI; 8LV[TYF :YFIGS T5F; ; IDITV[D]S[,   HMOF6GL
XZTMG\ 5IZ5F, G TFP #_v(vZ_!!;[WLDF\ SZ[TM TFP! 5v&vZ_!! YL
TFP! $v&vZ_! Z ; [WLG\ V[S JQFG\RF,] HMOF6 VF5JF I; IgOS[BG[E, FD6 SZJLP

sGMWov p5I[ST SM, [HGL HMOF6 VZÒ TYF T[5ZtJ[GM :YFGLS T5F; ; IDTL GM
VC[JF, VF ; FY[5IZIX08 cc&&cc TZLS[; FD[, KPf

*$
HMOF6   VFRFI'ZL4 ; [\S'IT DIC, F Z1FS 8÷8 ; [RFI, T zL V[, POLPWFGF6L VF8'; SM, [H4VDZ[, L
TZOYL H[G Z_!! YL GLR[GL IJUT[RF,] HMOF6 DF8[VFJ[, VZÒ TYF T[5ZtJ[GF :YFGLS
T5F; ; IDTL GF VC[JF, 5Z IJRFZ6F SZJF AFAT

HMOF6GL IJUT ov
IJGI G IJnFXFBF sRF,] HMOF6f
ALPV[PsD]bI q UF[6f   U[HZFTL4 V[U[Ò4 ClgNL4 DGM[J7FG4 VY'XF:+4 ; [\ST4 . ITCF; 4
ZFHI XF:+

GMWov   :YFGLS   T5F;   ; IDTL   GF ; e[zLVMGM TFP#_v&vZ_!! GM VC[JF,
        TFP&v*vZ_!! GF ZMHV+[D/[, K[RF,] HMOF6 VF5JF E, FD6 SZ[, K[

VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI'ZL4 ; [\S'IT DIC, F Z1FS 8÷8 ; [RFI, T zL
V[, POLPWFGF6L VF8'; SM, [H4VDZ[, L TZOYL H[GvZ_!! YL p5ZGL IJUT[IJGI G
IJnFXFBFG\ RF,] HMOF6 I[]GJI; 8LV[TYF :YFIGS T5F; ; IDITV[D]S[,   HMOF6GL
XZTMG\ 5IZ5F, G TFP #_v(vZ_!!;[WLDF\ SZ[TM TFP! 5v&vZ_!! YL
TFP! $v&vZ_! Z ; [WLG\ V[S JQFG\RF,] HMOF6 VF5JF I; IgOS[BG[E, FD6 SZJLP

sGMWov p5I[ST SM, [HGL HMOF6 VZÒ TYF T[5ZtJ[GM :YFGLS T5F; ; IDTL GM
VC[JF, VF ; FY[5IZIX08 cc&*cc TZLS[; FD[, KPf

*5
HMOF6   VFRFI'ZL4 :JPV[DPHPS]0, LIF VF8';   VG[SMD; " SM, [H4 ZFHSM8 TZOYL H[G Z_!! YL
GLR[GL IJUT[RF,] HMOF6 DF8[VFJ[, VZÒ TYF T[5ZtJ[GF :YFGLS T5F; ; IDTL GF VC[JF,
5Z IJRFZ6F SZJF AFAT

HMOF6GL IJUTov
IJ7FG IJnFXBF sRF,] HMOF6f
ALP; LPV[P5NJLGF Ve I F; SÐM
5LPÒPOLP; LPV[P5NJLGF Ve I F; SÐ

GMMo∨   :YFGLS T5F; ; IDTL GM TFP Z#∨&∨Z_!! GM VCꟼF, V+[TFP !#∨*∨Z_!!
GF ZMH D/[, KꟼRF,]HMOF6 VF5JF E, FD6 SZ[, Kꟼ

VFYL 9ZFJJFDFꟼ VFJ[K[S[VFRFI"zL4 :JPVꟼDPHꟼS]0, LIF VF8"; VG[SMD;"
SM,H4 ZFHSM8 TZOYL HꟼG∨Z_!! YL p5ZGL IJUT[IJ7FG IJnFXFBFGꟼRF,]HMOF6
IꟼIGJI;8LV[TYF :YFIGS T5F; ; IDITV[DꟼS[,   HMOF6GL XZTMGꟼ 5IZ5F, G TFP
#_∨(∨Z_!!; ꟿLDFꟿSZ[TM TFP! 5∨&∨Z_!! YL TFP! $∨&∨Z_! Z ; ꟿLGꟼ Vꟼ JOꟼGꟼ
RF,]HMOF6 VF5JF I; IgOSꟼG[E, FD6 SZJLP

sGMMo∨ p5IꟼST SM,HGL HMOF6 VZÒ TYF T[5ZtJꟼGM :YFGLS T5F; ; IDTL GM
VCꟼF, VF ; FY[5IZIXQ8 cc&(cc TZLS[; FD[, Kꟼf

*&   VFRFI"zL4 zL ; Z:JTL . gOM8ꟼS VꟿHIꟼXG 8÷8 ; RFI, T SM,H VMO SMd%IꟿZ ; FI g; VꟼO
HMOF6   . gOMDꟼXG 8ꟼGM, MÒ4 HꟼGFU- TZOYL HꟼG Z_!! YL GLRꟼGL IJUT[RF,]HMOF6 DF8[VFJ[,
VZÒ TYF T[5ZtJꟼGF :YFGLS T5F; ; IDTL GF VCꟼF, 5Z IJRFZ6F SZJF AFAT
HMOF6GL IJUTo∨
IJ7FG IJnFXFBF sRF,]HMOF6f
ALPV[; P; LPsDꟼbIf   DF. SꟿAFII M, MÒ4 AFII M8ꟼSGM, MÒ4
UFꟼ6   AFII MSꟼD[:8ꟼ
ALPV[; P; LPVF. P8LP 5NJLGF VeIF; SꟼD
5LPÒPOLP; LPVꟼP5NJLGF VeIF; SꟼD
OLPVꟼDPV[, P8LPGF VeIF; SꟼD

GMMo∨   :YFGLS T5F; ; IDTL GM TFP 5∨5∨Z_!! GM VCꟼF, V+[TFP)∨5∨Z_!! ZMH
D/[, KꟼRF,]HMOF6 VF5JF E, FD6 SZ[, Kꟼ

VFYL 9ZFJJFDFꟼ VFJ[K[S[VFRFI"zL4 zL ; Z:JTL . gOM8ꟼS VꟿHIꟼXG 8÷8
; RFI, T SM,H VMO SMd%IꟿZ ; FI g; VꟼO . gOMDꟼXG 8ꟼGM, MÒ4 HꟼGFU- TZOYL
HꟼG∨Z_!! YL p5ZGL IJUT[IJ7FG IJnFXFBFGꟼRF,]HMOF6 IꟼIGJI;8LV[TYF :YFIGS
T5F; ; IDITV[DꟼS[,   HMOF6GL XZTMGꟼ 5IZ5F, G TFP #_∨(∨Z_!!; ꟿLDFꟿSZ[TM
TFP! 5∨&∨Z_!! YL TFP! $∨&∨Z_! Z ; ꟿLGꟼ Vꟼ JOꟼGꟼ RF,]HMOF6 VF5JF VF5JF VF5JF VF5JF VF5JF
I; IgOSꟼG[E, FD6 SZJLP

sGMMo∨ p5IꟼST SM,HGL HMOF6 VZÒ TYF T[5ZtJꟼGM :YFGLS T5F; ; IDTL GM
VCꟼF, VF ; FY[5IZIXQ8 cc&)cc TZLS[; FD[, Kꟼf

**   VFRFI"zL4 I; lwW IJGFIS VꟿHIꟼXG 8÷8 ; RFI, T SMD;" VꟼO ALPALPVꟼPSM, H4HFDGUZ
HMOF6   TZOYL HꟼG Z_!! YL GLRꟼGL IJUT[RF,]HMOF6 DF8[VFJ[, VZÒ TYF T[5ZtJꟼGF :YFGLS
T5F; ; IDTL GF VCꟼF, 5Z IJRFZ6F SZJF AFAT

HMOF6GL IJUTov
JFI6HI IJnFXFBF sRF,]HMOF6f
ALPSMDPsJ§<5LSf   V§Fpg8 V§0 OFI GFg; D[G]HDᶅ8
                      ALhG[; D[G]HDᶅ84 SMd%I]BZ ; FI g;
IJ7FG IJnFXFBF sRF,]HMOF6f
ALP; LPVP5NJLGF VeI F; S€D
5LPÒPOLP; LPVP5NJLGF VeI F; S€D
D[G]HDᶅ8 IJnFXFBF sRF,]HMOF6f
ALPALPVP5NJLGF VeI F; S€D

GMWov   :YFGLS T5F; ; IDTL GF TFPZ (∨5∨Z_! ! GM VC[JF, TFP! ! ∨&∨Z_! ! GF ZMH
         V+[D/[, K]PRF,]HMOF6 VF5JF E, FD6 SZ[, K]P

         VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI'z̈L4 I; IᴡW IJGFI S V[HI§]XG 8÷8 ; ᴿRFI, T
SMD; "Vᶅ0 ALPALPVP5SM,]H4HFDGUZ TZOYL H]G∨Z_! ! YL p5ZGL IJUT[JFI6HI
IJnFXFBFG\4 IJ7FG IJnFXFBFG\ TYF D[G]HDᶅ8 IJnFXFBFG\RF,]HMOF6 I]IGJI; 8LV[
TYF :YFIGS T5F;   ; IDITV[D]S[,   HMOF6GL XZTMG\ 5IZ5F, G
TFP#_∨(∨Z_! ! ; ᴡLDF\SZ[TM TFP! 5∨&∨Z_! ! YL TFP! $∨&∨Z_! Z ; ᴡLG\ V]§
J0F'G\RF,]HMOF6 VF5JF I; Ig0S]8BG[E, FD6 SZJLP

sGMWov p5I]§T SM,]HGL HMOF6 VZÒ TYF T[5ZtJ]GM :YFGLS T5F; ; IDTL GM
VC[JF, VF ; FY[5IZIX08 ᴄᴄ*_ᴄᴄ TZLS[; FD[, K]Pf

*(VFRFI'z̈L4 5ᴿRXL, V]HI§]XG 8÷8 ; ᴿFI, T 5ᴿIX, SM,]H VᴍO V]HI§]XG4ZFHSM8 TZOYL
HMOF6   H]G Z_! ! YL GLR[GL IJUT[RF,]HMOF6 DF8[VFJ[, VZÒ TYF T[5ZtJ]GF :YFGLS T5F;
           ; IDTL GF VC[JF, 5Z IJRFZ6F SZJF AFAT

HMOF6GL IJUTov
IX1F6 IJnFXFBF sRF,]HMOF6f
ALPVP0P5NJLGF VeI F; S€D

GMWov   :YFGLS T5F;   ; IDTL GF ; eI zIVMGM VC[JF,   TFP! Z∨*∨Z_! ! GM
         TFP! #∨*∨Z_! ! GF ZMH D/[, K]P

         VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI'z̈L45ᴿRXL, V]HI§]XG 8÷8 ; ᴿFI, T 5ᴿIX,
SM,]H VᴍO V]HI§]XG4ZFHSM8 TZOYL H]G∨Z_! ! YL p5ZGL IJUT[IX1F6
IJnFXFBFG\ RF,] HMOF6 I]IGJI; 8LV[TYF :YFIGS T5F; ; IDITV[D]S[,   HMOF6GL
XZTMG\ 5IZ5F, G TFP #_∨(∨Z_! ! ; ᴡLDF\ SZ[TM TFP! 5∨&∨Z_! ! YL
TFP! $∨&∨Z_! Z ; ᴡLG\ V]§ J0F'G\RF,]HMOF6 VF5JF I; Ig0S]8BG[E, FD6 SZJLP

sGMNov p5I ST SM, HGL HMOF6 VZÒ TYF T[5ZtJ GM :YFGLS T5F; ; IDTL GM VC[JF, VF ; FY[5IZIX08 cc*!cc TZLS[; FD[, K P f

*)
HMOF6
VFRFI'zl4 I N GNG V HI S XG 8÷8 ; RFI, T D Z, LWZ SM, H VMO GI; U4 sSF/L5F8f ZFHSM8 TZOYL H G Z_!! YL GLR GL IJUT[JWFZFGF HMOF6 DF8[VFJ[, VZÒ TYF T[5ZtJ GF :YFGLS T5F; ; IDTL GF VC[JF, 5Z IJRFZ6F SZJF AFAT

HMOF6GL IJUTov
TALAL IJnFXFBF sJWFZFG HMOF6 f
I£TLI J0F"A LS ALPV[; P; LPGI; U GF Vel F; SÐ

GMNov   :YFGLS   T5F;   ; IDTL   GF ; el zLVMGM TFPZ! v5 vZ_!!   GM VC[JF, TFPZ$v5vZ_!! ZMH D/[, K P JWFZFG HMOF6 VF5JF E, FD6 SZ[, K P

VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI'zl4 I N GNG V HI S XG 8÷8 ; RFI, T D Z, LWZ SM, H VMO GI; U4 sSF/L5F8f ZFHSM8 TZOYL H GvZ_!! YL p5ZGL IJUT[TALAL IJnFXFBFG\ JWFZFG\ HMOF6 I GJI; 8LV[TYF :YFIGS T5F; ; IDITV[D S[, HMOF6GL XZTMG\ 5IZ5F, G TFP #_v(vZ_!!; WLDF\SZ[TM TFP! 5v&vZ_!! YL TFP! $v&vZ_! Z ; WLG\   V S JQF0FG\ JWFZFG\ HMOF6 VF5JF I; IgOS 8GI[E, FD6 SZJLP

sGMNov p5I ST SM, HGL HMOF6 VZÒ TYF T[5ZtJ GM :YFGLS T5F; ; IDTL GM VC[JF, VF ; FY[5IZIX08 cc*Zcc TZLS[; FD[, K P f

(_
HMOF6
VFRFI'zl4 zL ; LDFZ ; JMNI ; M; FI8L ; RFI, T DIC, F VF8"; VG[SMD; " SM, H4 ; LDFZ TZOYL H G Z_!! YL GLR GL IJUT[RF,] HMOF6 DF8[VFJ[, VZÒ TYF T[5ZtJ GF :YFGLS T5F; ; IDTL GF VC[JF, 5Z IJRFZ6F SZJF AFAT

HMOF6GL IJUTov
IJGI G IJnFXFBF sRF,] HMOF6 f
ALPV[P sDJb I qUF[6 f   U HZFTL4 CLgNL4V'U[Ô4 ; DFHXF: +4
            UF[6   DGMIJ7FG4 ; \ST

GMNov   :YFGLS   T5F;   ; IDTL   GF ; el zLVMGM TFPZ#v&vZ_!!   GM VC[JF, TFP)v*vZ_!! GF ZMH V+[D/[, K P RF,] HMOF6 VF5JF E, FD6 SZ[, K P

VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI'zl4 zL ; LDFZ ; JMNI ; M; FI 8L ; 'RFI, T DIC, F VF8'; VG[SMD; "SM, H4 ; LDFZ TZOYL HGvZ_!! YL p5ZGL IJUT[IJGI G IJnFXBFG\ RF,] HMOF6 I]GJI; 8LV[TYF :YFIGS T5F; ; IDITV[D]S[, HMOF6GL XZTMG\ 5IZ5F, G TFP #_v(vZ_!!; WLDF\ SZ[TM TFP! 5v&vZ_!! YL TFP! $v&vZ_! Z ; WLG\ V[S JOFG\ RF,] HMOF6 VF5JF I; IgOS8G[E, FD6 SZJLP

sGMWov p5I]ST SM, HGL HMOF6 VZÒ TYF T[5ZtJ]GM :YFGLS T5F; ; IDTL GM VC[JF, VF ; FY[5IZIX08 cc*#cc TZLS[; FD[, K]f

(! HMOF6   VFRFI'zl4 A|i° RFZL zL EUJTLGÒ V[HI]S[XG 8÷8 ; 'RFI, T zL A|i° FGN . g:8L8I|8 VMO 8LR; "V[HI]S[XG4 RF5ZOF TZOYL H]G Z_!! YL GLRGL IJUT[RF,] HMOF6 DF8[VFJ[, VZÒ TYF T[5ZtJ]GF :YFGLS T5F; ; IDTL GF VC[JF, 5Z IJRFZ6F SZJF AFAT

HMOF6GL IJUTov
IX1F6 IJnFXFBF sRF,] HMOF6f
ALPV[P5NJLGF Velf; S

GMWov   :YFGLS T5F; ; IDTL GF ; el zlVMGM TFP&v*vZ_!! GM VC[JF, TFP! Zv*vZ_!! GF ZMH V+[D/[, K]P RF,] HMOF6 VF5JF E, FD6 SZ[, K]

VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI'zl4 A|i° RFZL zL EUJTLGÒ V[HI]S[XG 8÷8 ; 'RFI, T zL A|i° FGN . g:8L8I|8 VMO 8LR; "V[HI]S[XG4 RF5ZOF TZOYL H]GvZ_!! YL p5ZGL IJUT[IX1F6 IJnFXFBFG\ RF,] HMOF6 I]GJI; 8LV[TYF :YFIGS T5F; ; IDITV[D]S[, HMOF6GL XZTMG\ 5IZ5F, G TFP #_v(vZ_!!; WLDF\ SZ[TM TFP! 5v&vZ_!! YL TFP! $v&vZ_! Z ; WLG\ V[S JOFG\ RF,] HMOF6 VF5JF I; IgOS8G[E, FD6 SZJLP

sGMWov p5I]ST SM, HGL HMOF6 VZÒ TYF T[5ZtJ]GM :YFGLS T5F; ; IDTL GM VC[JF, VF ; FY[5IZIX08 cc*$cc TZLS[; FD[, K]f

(Z HMOF6   VFRFI'zl4 U]HZFT :8B 5KFT JU"IJSF; D0/ ; 'RFI, T 0MP;]EFOF SM, H VMO V[HI]S[XG sALPV[Pq ; |k0 0FI GFg; f4 sH]GFFU-f TZOYL H]G Z_!! YL GLRGL IJUT[RF,] HMOF6 DF8[VFJ[, VZÒ TYF T[5ZtJ]GF :YFGLS T5F; ; IDTL GF VC[JF, 5Z IJRFZ6F SZJF AFAT

HMOF6GL IJUTov
IX1F6 IJnFXFBFsRF,] HMOF6f
ALPV[P5NJLGF Velf; S

GMWov   :YFGLS T5F;   ; IDTL GF   ; eI zlVMGM TFP)v5vZ_! !   GM VCUF,
        TFP! Zv5vZ_! ! GF ZMH V+[D/[, KP RF,]HMOF6 VF5JF E, FD6 SZ[, KP

        VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI'zl4 UJHZFT :8ß 5KFT JU" IJSF; D'0/
; RFI, T 0MP;]EFOF SM, H VMO VJHI SXG sALPVDPq ; kO OFI GFg; f4 sHJGFU -f TZOYL
HJGvZ_! ! YL p5ZGL IJUT[IJnFXFBFG\ RF,] HMOF6 IJIGJI; 8LV[TYF :YFIGS
T5F; ; IDITV[DS[,   HMOF6GL XZTMG\ 5IZ5F, G TFP #_v(vZ_! ! ; WLDF\SZ[TM
TFP! 5v&vZ_! ! YL TFP! $v&vZ_! Z ; WLG\   VS JOFG\ RF,] HMOF6 VF5JF
I; IgOSßG[E, FD6 SZJLP

sGMWov p5I ST SM, HGL HMOF6 VZÒ TYF T[5ZtJ GM :YFGLS T5F; ; IDTL GM
VCUF, VF ; FY[5IZIX08 cc*5cc TZLS[; FD[, KPf

(#   VFRFI'zl4 zl ; S<5 XM: I,   VjO R ZL8 A, 8÷8 ; RFI, T zl CZLEF. GZE XSZ XS,
HMOF6   ALPVDPSM, H4 ZFHSM8 TZOYL HJG Z_! ! YL GLRG L IJUT[RF,] HMOF6 DF8[VFJ[, VZÒ
        TYF T[5ZtJGF :YFGLS T5F; ; IDTL GF VCUF, 5Z IJRFZ6F SZJF AFAT

HMOF6GL IJUTov
IX1F6 IJnFXFBF sRF,] HMOF6f
ALPVDP5NJLGF VeI F; SÐM

GMWov   :YFGLS T5F;   ; IDTL GF   ; eI zlVMGM TFP#_v&vZ_! !   GM VCUF,
        TFP#_v&vZ_! ! GF ZMH V+[D/[, KP RF,] HMOF6 VF5JF E, FD6 SZ[, KP

        VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI'zl4 zl ; S<5 XM: I,   VjO R ZL8 A, 8÷8
; RFI, T zl CZLEF. GZE XSZ XS,   ALPVDPSM, H4 ZFHSM8 TZOYL HJGvZ_! ! YL
p5ZGL IJUT[IX1F6 IJnFXFBFG\ RF,] HMOF6 IJIGJI; 8LV[TYF :YFIGS T5F; ; IDITV[
DS[,   HMOF6GL XZTMG\ 5IZ5F, G TFP #_v(vZ_! ! ; WLDF\SZ[TM TFP! 5v&vZ_! !
YL TFP! $v&vZ_! Z ; WLG\ VS JOFG\ RF,] HMOF6 VF5JF I; IgOSßG[E, FD6 SZJLP

sGMWov p5I ST SM, HGL HMOF6 VZÒ TYF T[5ZtJ GM :YFGLS T5F; ; IDTL GM
VCUF, VF ; FY[5IZIX08 cc*&cc TZLS[; FD[, KPf

($ VFRFI'zl4 ZFWFFS06 UF{ ; JF 8÷8 ; RFI, T zl THjGN5[; FN ALPVDPSM, H4 RZFOJF TZOYL
HMOF6   HJG Z_! ! YL GLRG L IJUT[RF,] HMOF6 DF8[VFJ[, VZÒ TYF T[5ZtJ GF :YFGLS T5F;
        ; IDTL GF VCUF, 5Z IJRFZ6F SZJF AFAT

HMOF6GL IJUTov
IX1F6 IJnFXFBF sRF,]HMOF6f
ALPV[]P5NJLGF VeI F; SĐ

GMWov   :YFGLS T5F;   ; IDTL GF ; eI zLVMGM TFP*v&vZ_!!   GM VC[JF,
TFP! _v&vZ_!! GF ZMH V+[D/[, KP RF,]HMOF6 VF5JF E, FD6 SZ[, KP

VFYL 9ZFJJFDF\   VFJ[K[S[VFRFI'zL4 ZFWFS06 UF{ ; [JF 8÷8 ; RFI, T zL
T[H[N5]; FN ALPV[]PSM, [H4 RZFOJF TZOYL H]GvZ_!! YL p5ZGL IJUT[IX1F6
IJnFXFBFG\ RF,] HMOF6 I]GJI; 8LV[TYF :YFIGS T5F; ; IDITV[D]S[,   HMOF6GL
XZTMG\ 5IZ5F, G   TFP #_v(vZ_!!; [WLDF\ SZ[TM TFP! 5v&vZ_!!   YL
TFP! $v&vZ_! Z ; [WLG\ V[S JOFFG\RF,]HMOF6 VF5JF I; IgOS]8G[E, FD6 SZJLP

sGMWov p5I[ST SM, [HGL HMOF6 VZÒ TYF T[5ZtJ[GM :YFGLS T5F;   ; IDTL GM
VC[JF, VF ; FY[5IZIX08 cc***cc TZLS[; FD[, KPf

(5   VFRFI'zL4 NIWRL V[HI S]XG 8÷8 ; RFI, T zL SD"IMUL VF8"; SM, [H4 UO] sX[ZAFUf TZOYL
HMOF6   H[G Z_!! YL GLR[GL IJUT[RF,]HMOF6 DF8[VFJ[, VZÒ TYF T[5ZtJ[GF :YFGLS T5F;;
; IDTL GF VC[JF, 5Z IJRF6F SZJF AFAT

HMOF6GL IJUT ov
IJGI G IJnFXFBF sRF,]HMOF6f
ALPV[PsDﾑI q UF[6f   U]HZFTL4 CLgNL4 ; [ST4 . ITCF; 4 E]UM/ 4
; DFHXF:+4 VﾑUÒ4 DGMIJ7FG

GMWov   :YFGLS T5F;   ; IDTL GF ; eI zLVMGM TFP!)v5vZ_!! VG[TFP#! v5vZ_!!
GM VC[JF, TFP#v&vZ_!! GF ZMH V+[D/[, KP RF,]HMOF6 VF5JF E, FD6
SZ[, KP

VFYL 9ZFJJFDF\   VFJ[K[S[VFRFI'zL4 NIWRL V[HI S]XG 8÷8 ; RFI, T zL
SD"IMUL VF8"; SM, [H4 UO] sX[ZAFUf TZOYL H]GvZ_!! YL p5ZGL IJUT[IJGI G
IJnFXFBFG\ RF,] HMOF6 I]GJI; 8LV[TYF :YFIGS T5F; ; IDITV[D]S[,   HMOF6GL
XZTMG\ 5IZ5F, G   TFP #_v(vZ_!!; [WLDF\ SZ[TM TFP! 5v&vZ_!!   YL
TFP! $v&vZ_! Z ; [WLG\ V[S JOFFG\RF,]HMOF6 VF5JF I; IgOS]8G[E, FD6 SZJLP

sGMWov p5I[ST SM, [HGL HMOF6 VZÒ TYF T[5ZtJ[GM :YFGLS T5F;   ; IDTL GM
VC[JF, VF ; FY[5IZIX08 cc*(cc TZLS[; FD[, KPf

VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI'zL4 SDF6L ; FIg; SM, H VG[5[TF5ZFI
VF8"; SM, H4 VDZ[, L TZ0YL H]GvZ_!! YL p5ZGL IJUT[IJ7FG IJnFXFBFG\ TYF
IJGIG IJnFXFBFG\ RF,] HMOF6 I]GJI; 8LV[TYF :YFIGS T5F; ; IDITV[D]S[,
HMOF6GL XZTMG\ 5IZ5F, G TFP #_v(vZ_!!;]WLDF\ SZ[TM TFP! 5v&vZ_!! YL
TFP! $v&vZ_! Z ;]WLG\ V[S JQFFG\ RF,]HMOF6 VF5JF I; IgOS8G[E, FD6 SZJLP

sGMWov p5I[ST SM, HGL HMOF6 VZÒ TYF T[5ZtJ[GM :YFGLS T5F; ; IDTL GM
VC]JF, VF ; FY[5IZIX08 cc(_cc TZLS[; FD[, KPf

((VFRFI'zL4 VMXJF, V[HI[S[XG 8÷8 ; RFI, T zL ; LPh[0PV[0PUM; ZF6L ALP; LPV[PSM, H4
HMOF6 HFDGUZ TZ0YL H[Z_!! YL GLR[GL IJUT[SFI DL HMOF6 DF8[VFJJ[, VZÒ TYF T[5ZtJ[GF
:YFIGS T5F; ; IDTL GF VC]JF, 5Z IJRFZ6F SZJF AFAT

HMOF6GL IJUTov
IJ7FG IJnFXFBF sSFI DL HMOF6f
ALP; LPV[P5NJLGF VeI F; ; SÐM
5LPÒPOLP; LPV[P5NJLGF VeI F; ; SÐM

GMWov :YFGLS T5F; ; IDTLGM TFP)v5vZ_!! GM VC]JF, TFP! Zv5vZ_!! GF ZMH
V+[D/[, KP

VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI'zL4 VMXJF, V[HI[S[XG 8÷8 ; RFI, T zL
; LPh[0PV[0PUM; ZF6L ALP; LPV[PSM, H4 HFDGUZ TZ0YL H[Z_!! YL GLR[GL IJUT[
SFIDL HMOF6 DF8[VFJJ[, VZÒ TYF T[5ZtJ[GF :YFGLS TZ0YL H[GvZ_!! YL
p5ZGL IJUT[IJ7FG IJnFXFBFG\SFI DL HMOF6 GCL\VF5TF RF,] HMOF6 I]GJI; 8LV[
TYF :YFIGS T5F; ; IDITV[D]S[, HMOF6GL XZTMG\ 5IZ5F, G TFP
#_v(vZ_!!;]WLDF\ SZ[TM TFP! 5v&vZ_!! YL TFP! $v&vZ_! Z ;]WLG\ V[S
JQFFG\ RF,] HMOF6 VF5JF I; IgOS8G[E, FD6 SZJLP

sGMWov p5I[ST SM, HGL HMOF6 VZÒ TYF T[5ZtJ[GM :YFGLS T5F; ; IDTL GM
VC]JF, VF ; FY[5IZIX08 cc(! cc TZLS[; FD[, KPf

() VFRFI'zL4 zL VFZPHPPC[ZDF V[HI[S[XG Vg0 R[ZL8A, , 8÷8 ; RFI, T zLDTL XFgTFA[G
HMOF6 VFZPC[ZDF ALPV[0PSM, H4 ; TF5Z TZ0YL H[Z_!! YL GLR[GL IJUT[RF,] HMOF6 DF8[
VFJJ[, VZÒ TYF T[5ZtJ[GF :YFGLS T5F; ; IDTL GF VC]JF, 5Z IJRFZ6F SZJF AFAT

HMOF6GL IJUTov
IX1F6 IJnFXFBF sRF,] HMOF6f
ALPV[0P5NJLGF VeI F; ; SÐ

GMWov   :YFGLS T5F;   ; IDTL GF ; eI zLVMGM TFP! _v$vZ_! !   GM VCUF,
TFP! (v$vZ_! ! GF ZMH V+[D/[, KP VS JOF"RF,]HMOF6 VF5JF E, FD6 SZ[,
KP

VFYL 9ZFJJFDF\   VFJ[K[S[VFRFI'ZL4 zL VFZPHPCIZDF VHISXG Vg0
RIZL8[A, 8÷8 ; RFI, T zLDTL XFgTFAG VFZPCIZDF ALPVIOPSM, H4 ; TF5Z TZOYL
H]GvZ_! ! YL p5ZGL IJUT[IX1F6 IJnFXFBFG\ RF,]HMOF6 I]GJI; 8LV[TYF : YFIGS
T5F; ; IDITV[D]S[,   HMOF6GL XZTMG\ 5IZ5F, G TFP #_v(vZ_! !;]WLDF\ SZ[TM
TFP! 5v&vZ_! ! YL TFP! $v&vZ_! Z ;]WLG\   VS JOFG\ RF,] HMOF6 VF5JF
I; IgOSBG[E, FD6 SZJLP

sGMWov p5I]ST SM, HGL HMOF6 VZÒ TYF T[5ZtJ[GM :YFGLS T5F;   ; IDTL GM
VCUF, VF ; FY[5IZIX08   cc(Zcc TZLS[; FD[, KPf

)_
HMOF6   VFRFI'ZL4 EULGL S<IF6 ; IDTL ; RFI, T IJnF; FUZ . gOM8[S SM, H4HFDDGUZ TZOYL H]G
Z_! ! YL GLR[GL IJUT[RF,]HMOF6 DF8[VFJ[, VZÒ TYF T[5ZtJ[GF :YFGLS T5F;   ; IDTL
GF VCUF, 5Z IJRFZ6F SZJF AFAT

HMOF6GL IJUTov
IJ7FG IJnFXFBF sRF,]HMOF6f
ALP; LPVP5NJLGF VeIF; S÷

GMWov   :YFGLS T5F; T5F;   ; IDTL GF ; eI zLVMGM TFP! *v$vZ_! !   GM VCUF,
TFP&v5vZ_! ! GF ZMH V+[D/[, KP RF,]HMOF6 VF5JF E, FD6 SZ[, KP

VFYL 9ZFJJFDF\   VFJ[K[S[VFRFI'ZL4 EULGL S<IF6 ; IDTL ; RFI, T
IJnF; FUZ . gOM8[S SM, H4HFDDGUZ TZOYL H]GvZ_! ! YL p5ZGL IJUT[IJ7FG
IJnFXFBFG\ RF,] HMOF6 I]GJI; 8LV[TYF :YFIGS T5F; ; IDITV[D]S[,   HMOF6GL
XZTMG\ 5IZ5F, G TFP #_v(vZ_! !;]WLDF\ SZ[TM TFP! 5v&vZ_! !   YL
TFP! $v&vZ_! Z ;]WLG\ VS JOFG\ RF,]HMOF6 VF5JF I; IgOSBG[E, FD6 SZJLP

sGMWov p5I]ST SM, HGL HMOF6 VZÒ TYF T[5ZtJ[GM :YFGLS T5F;   ; IDTL GM
VCUF, VF ; FY[5IZIX08 cc(#cc TZLS[; FD[, KPf

)! prR IX1F6 SIDxGZzL 4 prR IX1F6 IJEFUv UFWLGUZGF TFP&v&vZ_!! GF 5+ VgJI[
HMOF6 H]G Z_!! YL X~ YGFZ GJL ; ZSFZL IJGI G VG[JFI6HI SM, HvHFOZFAFNvÒPVDZ[, L
DF8[VFJ[, HMOF6 VZÒ TYF T[5ZtJ]GL IGDFI[, L GLO q :YFGLS T5F; ; IDTLGFVC]JF, ; NE[`
V[S[p]IDS SFplg; , q I; gOLS8GL ACF, L GL V5[IFFV[I]GJI; 8LV[D]S[, XZTMG\ 5ZL5F, G
SZJFGL XZT[GLR[NXF"J[, GJF VeIF; S£MG\ ; NZC] SM, HG[TFP! 5v&vZ_!! YL
TFP! $v&vZ_!Z ;]WLG\ V[S J0F"DF8[GJ] HMOF6 DH[Z SIF"VUGF DFGP S], 5ITzLGF SFI[G[
ACF, L VF5JF AFAT

HMOF6GL IJUTov
IJGI G IJnFXFBF sGJ]HMOF6f
5[YD J0F"ALPVPsD] b]qUF[6f   VU[Ò4 ; \ST4U]HZFTL4ICgNL4TtJ7FG4 ; DFHXF:+4. ITCF;
5[YD J0F"ALPSMDP   V[SFpg8g; L4V[D]JFg;   V[SFpg84 UI6TXF:+4 VF[SOFXF:+4
                DG[HD[g84 VY"XF:+4 VU[Ò

    VFYL 9ZFJJFDF\ VFJ[K[S[DFGP S], 5ITzLGF p5I[ST SFI["G[ACF, L VF5JF
I; Ig0S8G[IE, FD6 SZJLP

)Z prR IX1F6 SIDxGZzL 4 prR IX1F6 IJEFUv UFWLGUZGF TFP&v&vZ_!! GF 5+ VgJI[
HMOF6 H]G Z_!! YL X~ YGFZ GJL ; ZSFZL IJGI G SM, HvZF6FJFJ]vÒP 5I[ZAANZ DF8[VFJ[,
HMOF6 VZÒ TYF T[5ZtJ]GL IGDFI[, L GLO q :YFGLS T5F; ; IDTLGFVC]JF, ; NE[` V[S[p]IDS
SFplg; , q I; gOLS8GL ACF, L GL V5[IFFV[I]GJI; 8LV[D]S[, XZTMG\5ZL5F, G SZJFGL XZT[
GLR[NXF"J[, GJF VeIF; S£MG\; NZC] SM, HG[TFP! 5v&vZ_!! YL TFP! $v&vZ_!Z ;]WLG\
V[S J0F"DF8[GJ]HMOF6 DH[Z SIF"VUGF DFGP S], 5ITzLGF SFI[G[ACF, L VF5JF AFAT

HMOF6GL IJUTov
IJGI G IJnFXFBF sGJ]HMOF6f
5[YD J0F"ALPVPsD]b]qUF[6f   VU[Ò4;\ST4   U]HZFTL4   ICgNL4TtJ7FG4   ; DFHXF:+4
. ITCF;

    VFYL 9ZFJJFDF\ VFJ[K[S[DFGP S], 5ITzLGF p5I[ST SFI["G[ACF, L VF5JF
I; Ig0S8G[IE, FD6 SZJLP

)# prR IX1F6 SIDxGZzL 4 prR IX1F6 IJEFUv UFWLGUZGF TFP&v&vZ_!! GF 5+ VgJI[
HMOF6 H]G Z_!! YL X~ YGFZ GJL ; ZSFZL IJGI G SM, HvDP E[; F6vÒPH]GFU- DF8[VFJ[,
HMOF6 VZÒ TYF T[5ZtJ]GL IGDFI[, L GLO q :YFGLS T5F; ; IDTLGFVC]JF, ; NE[` V[S[p]IDS
SFplg; , q I; gOLS8GL ACF, L GL V5[IFFV[I]GJI; 8LV[D]S[, XZTMG\5ZL5F, G SZJFGL XZT[
GLR[NXF"J[, GJF VeIF; S£MG\; NZC] SM, HG[TFP! 5v&vZ_!! YL TFP! $v&vZ_!Z ;]WLG\
V[S J0F"DF8[GJ]HMOF6 DH[Z SIF"VUGF DFGP S], 5ITzLGF SFI[G[ACF, L VF5JF AFAT

HMOF6GL IJUTᴏᵥ
IJGI G IJnFXFBF sGJ]HMOF6f
5]YD JQF"AlPVPsD|b|qUF6f   VU|Ò4; \ST4UHZFTL4ICgNL4TtJ7FG4; DFHXF:+4. ITCF;

          VFYL 9ZFJJFDF\ VFJ[K[S[DFGP S], 5ITzlGF p5I]ST SFITG[ACF, L VF5JF
I; IgOS|BG[E, FD6 SZJlP

)$ HMOF6	prR IX1F6 SIDxGZzL 4 prR IX1F6 IJEFUᴠ UFWlGUZGF TFP&ᵥ&ᵥZ_!! GF 5+ VgJI[H]G Z_!! YL X~ YGFZ GJL ; ZSFZL IJGI G SM, Hᴠ SM80F ; FUF6lᵥᵥÒPZFHSM8 DF8[VFJ[, HMOF6 VZÒ TYF T[5ZtJ]GL IGDFI[, L GLO q :YFGLS T5F; ; IDTLGFVC|JF, ; NE['V|S|p|IDS SFp|g; , q l; gOlS|BGL ACF, L GL V5[IFFV[I]GJI; 8LV[D|S[, XZTMG\5ZL5F, G SZJFGL XZT[GLR[NXF"J[, GJF VeIF; S|DlG\; NZC]SM, SM, HMG[TFP! 5ᵥ&ᵥZ_!! YL TFP! $ᵥ&ᵥZ_! Z ;]WlGj V]S JQF"DF8[GJ]HMOF6 DH]Z SIF"VUlGF DFGP S], 5ITzlGF SFITG[ACF, L VF5JF AFAT

HMOF6GL IJUTᴏᵥ
IJGI G IJnFXFBF sGJ]HMOF6f
5]YD JQF"AlPVPsD|b|qUF6f   UHZFTL4ICgNL4 ; \ST4 VU|Ò4TtJ7FG4
                         ; DFHXF:+4VY"XF:+4 . ITCF;
          VFYL 9ZFJJFDF\ VFJ[K[S[DFGP S], 5ITzlGF p5I]ST SFITG[ACF, L VF5JF
I; IgOS|BG[E, FD6 SZJlP

)5 HMOF6	prR IX1F6 SIDxGZzL 4 prR IX1F6 IJEFUᴠ UFWlGUZGF TFP&ᵥ&ᵥZ_!! GF 5+ VgJI[H]G Z_!! YL X~ YGFZ GJL ; ZSFZL IJGI G SM, Hᴠ, L]AOlᴠÒP;Z|hN‹UZ DF8[VFJ[, HMOF6 VZÒ TYF T[5ZtJ]GL IGDFI[, L GLO q :YFGLS T5F; ; IDTLGFVC|JF, ; NE['V|S|p|IDS SFp|g; , q l; gOlS|BGL ACF, L GL V5[IFFV[I]GJI; 8LV[D|S[, XZTMG\5ZL5F, G SZJFGL XZT[GLR[NXF"J[, GJF VeIF; S|DlG\; NZC]SM, SM, HMG[TFP! 5ᵥ&ᵥZ_!! YL TFP! $ᵥ&ᵥZ_! Z ;]WlGj V]S JQF"DF8[GJ]HMOF6 DH]Z SIF"VUlGF DFGP S], 5ITzlGF SFITG[ACF, L VF5JF AFAT

HMOF6GL IJUTᴏᵥ
IJGI G IJnFXFBF sGJ]HMOF6f
5]YD JQF"AlPVP sD|b|qUF6f   VU|Ò4 ; \ST4UHZFTL4ICgNL4 ; DFHXF:+4
                              . ITCF; 4VY"XF:+4 TtJ7FG
5]YD JQF"AlPV[; POA‹IPGF VelF; S|D

          VFYL 9ZFJJFDF\ VFJ[K[S[DFGP S], 5ITzlGF p5I]ST SFITG[ACF, L VF5JF
I; IgOS|BG[E, FD6 SZJlP

)&
V§p||DS   OlGzl4 JFI6HI IJnFXFBF wJFZF ZH] SZJFDF\VFJ[, **B.Com. Semester III, IV** GF VeI F; SD GM 5|5Z cc SM5MZ|8 V§Fpg8L|Ucc GF ; |WFZF JWFZF 5IZIX08 5|DF6|GM H|G Z_!! YL VD, DF\VFJ[T[ZLT[DH|Z SZJF IJRFZ6F SZJF AFATP

VFYL 9ZFJJFDF\VFJ[K[S[**B.Com. Semester III, IV** GF VeI F; SD GM 5|5Z cc SM5MZ|8 V§Fpg8L|Ucc IJ0FI GF ;|WFZF JWFZF ;|FY|GM 5IZIX08 5|DF6|GM VeI F; SD H|G vZ_!! YL VD, DF\VFJ[T[ZLT[DH|Z SZJ|P

sGMWov pST VeI F; SD 5IZIX08 cc ($cc TZLS[; FD[, K|Pf

DFGP VwI 1FzLGL 5ZJFGULYL GLR|GL VF. 8D 5Z RRF"IJRF6F CFY WZJFDF\VFJJLP

)*
V§p||DS   V|DPV|PVY'XF: + IJ0FI GF **CBCS** V|TU'TGF ; |D[:8Z # VG[$ GF VeI F; SDGF DF/BF DF\ ;|][\UTTF H/JF. ZC[T[C[T] YL ; |D[:8Z #GF DF/BFDF\VY'XF: + EJGGF :8F0 SFplg; , V[0|Z0FZZ SZ[, CM. T[E, FD6 DFGP], 5ITzlV[VIWSFZ D'0/|GL ACF, LGL V5|FFV[H|G Z_!! YL VD, DF\VFJ[T[ZLT[DH|Z SZ[, KP T|G[ACF, L VF5JF AFATP

VFYL 9ZFJJDF\VFJ[K[S[DFGP S]5 S], 5ITzLGF p5| |ST SFI 'G[ACF, L VF5JLP
sGMWov pST VeI F; SDG]DF/B]5IZIX08 cc ($cc TZLS[; FD[, K|Pf

)(
5ZL1FF   V§p||DS SFplg; , [IGDL 5ZL1FF ; DS1FTF VU|G :YFI L ; IDTLGL V§ ; EF TFP !) v5vZ_!! GFZMH D/[, T|DF YI|, 9ZFJ sDLGL8; f G[DH|Z YJF AFATP

VFYL 9ZFJJDF\VFJ[K[S[V§p||DS SFplg; , [IGDL 5ZL1FF ; DS1FTF V§U|L :YFI L ; IDTLGL V§ ; EF TFP !) v5vZ_!! GFZMH D/[, ; EGF 9ZFJ sDLGL8; f G[D|HZ SZJF I; IgOSBG[E, FD6 SZJLP
sGMWov; EGL DLGL8; VF ; FY[5IZIX08 cc ($&cc TZLS[; FD[, K|Pf

))
V§p||DS   5|PqC|0zl4 OL5F8D|8 VMO AFIMS|[: 8|wJFZF ZH]YI[, **M.Sc.** AFIMS|[: 84 IJ0FI GM ; |D[:8Z ! YL $ GM VeI F; SD H|G Z_!! YL VD, DF VFJ[T[ZLT[VIWSFZ D'0/GL DH|ZLGL V5|FFV[DH|Z SZJFGL E, FD6 5ZtJ|[OlGzl4 IJ 7FG IJnFXBF wJFZF AMO"TYF IJnFXBFGL DH|L GL V5|FFV[ACF, L VF5JF AFATP

VFYL 9ZFJJDF\VFJ[K[S[**M.Sc.** AFIMS|[: 8| IJ0FI GM ; |D[:8Z ! YL $ GM VeI F; SD H|G vZ_!! YL VD, DF VFJ[T[ZLT[DH|Z SZJ|P

sGMWov pST VeI F; SD 5IZIX08 cc (*cc TZLS[; FD[, K|Pf

! __
5ZL1FF V∫pıDS SFpIg; , [GLD[, L 5ZL1FF ; DS1FTF VⁿU[GL :YFIL ; IDTLGL V∫ ; EF
TFP! Zⱴ*ⱴZ_! ! GF ZⱮH D/[, T|DF YI[, 9ZFJ sDLGl8; f G[D⁺Ⱨ/Z SZJF AFATP

VFYL 9ZFJJDF\ VFJ[K[S[V∫pıDS SFpIg; , [GLD[, L 5ZL1FF ; DS1FTF VⁿU[GL
:YFIL ; IDITGL TFP! Zⱴ*ⱴZ_! ! GF ZⱮH D/[, ; EFGF 9ZFJ sIDIG8; f G[D⁺Ⱨ/Z
SZJF I; IgOS∫BG[E, FD6 SZJLP

sGⱮⱴoⱴ; EFGL IDIG8; VF ; FY[5IZIX08 ㏄ ((㏄ TZLS[; FD[, KⱣf

! _!
5ZL1FF I]GJI; 8L wJFZF H], F. qVⱮU08 Z_! ! NZdIFG , [JFGFZ D[pLS, O∫<8L Cₚ/GL
V|DPALPALPV[; P4 O[)8, 4 OLhLIⱮ/ZF5L TYF GI; ⁿU 5ZL1FFVⱮ DF8[$*ⱴV[GL ; EF wJFZF
E, FD6 YI[, 5F`GLSq5ZL1FSⱮGL E, FD6 DⱣⱧ/Z SIF'GF DFGGLI S], 5ITzlGF SFlⱦG[ACF, L
VF5JF AFATP

VFYL 9ZFJJDF\VFJ[K[S[DFGP S], 5ITzlGF pS51]ST SFlⱦG[ACF, L VF5JLP

! _Z
HⱮF6 VFRFI'ⱼzL4 zL XFDⱲ CZⱲ T/FJLIF RⱶZL8[A, 8÷8 ; ⱢRFI, T VFZPSP SM,ⱨH VⱮ0
OLhLIⱮ/ZF5L4 S:TⱬZAFWFD4 ZFHSⱮ8 TZOYL H|G Z_! ! YL GLRⱢGL IJUT[RF,] HⱮF6 DF8[
VFJ[, VZÒ TYF T[5ZtJ|GF :YFGLS T5F; ; IDTL GF VCⱦF, 5Z IJRFZ6F SZJF AFAT

HⱮF6GL IJUToⱴ
TALAL IJnFXFBF sRF,] HⱮF6Ⱪf
ALP OLhLIⱮ/ZF5L 5NJLGF VeIF; SⱢM

GⱮⱴoⱴ :YFGLS T5F; ; IDTL GF ; eⱡ zLVⱮGM TFP! (ⱴ&ⱴZ_! ! GM VCⱦF,
TFPZ! ⱴ*ⱴZ_! ! GF ZⱮH V+[D/[, KⱣ RF,] HⱮF6 VF5JF E, FD6 SZ[, KⱣ

VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI'ⱼzL4 zL XFDⱲ CZⱲ T/FJLIF RⱶZL8[A, 8÷8
; ⱢRFI, T VFZPSP SM,ⱨH VⱮ0 OLhLIⱮ/ZF5L4 S:TⱬZAFWFD4 ZFHSⱮ8 TZOYL H|GⱴZ_! !
YL p5ZGL IJUT[TALAL IJnFXFBFGⱥ RF,] HⱮF6 I]GJI; 8LV[TYF :YFIGS T5F; ;
; IDTVⱥ DⱣⱮ, HⱮF6GL XZTⱴGⱥ 5IZ5F, G TFP #_ⱴ(ⱴZ_! ! ; ⱧLDGⱥ SZ[TⱲ
TFP! 5ⱴ&ⱴZ_! ! YL TFP! $ⱴ&ⱴZ_! Z ; ⱧLGⱥ V∫ JⱮFGⱥ RF,] HⱮF6 VF5JF
I; IgOS∫BG[E, FD6 SZJLP

sGⱮⱴoⱴ p5I]ST SM,ⱨHL HⱮF6 VZÒ TYF T[5ZtJ|GM :YFGLS T5F; ; IDTL GM
VCⱦF, VF ; FY[5IZIX08 ㏄ ( ) ㏄ TZLS[; FD[, KⱣf

! _#
HMOF6

VFRFI"zL4 zL ; ZNFZ 58[, Vʰ0 :JFDL IJJ[SFGN , MS S<IF6 8÷8 ; 'RFI, T DFT]zL N]WLA[G ELDF6L VG[SFXLA[G U[JZLIF SMD;'4 ALPALPVP4 ALP; LPVP SM,H4 VDZF5]ZsWFGF6Lf TZ0YL H]G Z_!! YL GLR[GL IJUT[RF,] HMOF6 DF8[VFJ[, VZÒ TYF T[5ZtJ]GF :YFGLS T5F; ; IDTL GF VC[JF, 5Z IJRFZ6F SZJF AFAT

HMOF6GL IJUT0v
IJ7FG IJnFXFBF sRF,] HMOF6f
ALP; LPVP[P5NJLGF VeIF; S[D
D[G]HD[g8 IJnFXFBF sRF,] HMOF6f
ALPALPVP[P5NJLGF VeIF; S[DM

GM[W0v   :YFGLS T5F; ; IDTL GF ; eI zLVM[GM TFPZ&v&vZ_!! GM VC[JF, TFP)v*vZ_!! GF ZMH V+[D/[, K[RF,] HMOF6 VF5JF E, FD6 SZ[, K[

VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI"zL4 zL ; ZNFZ 58[, Vʰ0 :JFDL IJJ[SFGN , MS S<IF6 8÷8 ; 'RFI, T DFT]zL N]WLA[G ELDF6L VG[SFXLA[G U[JZLIF SMD;'4 ALPALPVP4 ALP; LPVP SM,H4 VDZF5]ZsWFGF6Lf TZ0YL H]GvZ_!! YL p5ZGL IJUT[IJ7FG IJnFXFBFGM\ TYF D[G]HD[g8 IJnFXFBFGM\ RF,] HMOF6 I]IGJI; '8LV[TYF :YFIGS T5F; ; IDTV[D[S[,   HMOF6GL XZTM[GM\ 5IZ5F, G TFP #_v(vZ_!!;]WLDF\ SZ[TM TFP! 5v&vZ_!! YL TFP! $v&vZ_!Z ;]WLGM\ V[S JQFFG]RF,] HMOF6 VF5JF I; Ig0SBG[E, FD6 SZJLP

sGM[W0v p5I[\ST SM,HGL HMOF6 VZÒ TYF T[5ZtJ]GM :YFGLS T5F; ; IDTL GM VC[JF, VF ; FY[5IZIX08 cc)_cc TZLS[[; FD[, K[f

! _$
HMOF6

VFRFI"zL4 JNFJJG S[/J6L D'0/ ; 'RFI, T zL VH]G VF8"; VG[ALPV[; POA<I]SM, H4 ;]5F; L TZ0YL H]G Z_!! YL GLR[GL IJUT[RF,] HMOF6 DF8[VFJ[, VZÒ TYF T[5ZtJ]GF :YFGLS T5F; ; IDTL GF VC[JF, 5Z IJRFZ6F SZJF AFAT

HMOF6GL IJUT0v
IJGI G IJnFXFBF sRF,] HMOF6f
ALPVPsD]bI q UF6f   ; DFHXF: +4 V'U]Ò4 ICgNL4 . ITCF; 4 VY"XF: +4 U]HZFTL4 ; \ST4 D]GMJL7FG
IJGI G IJnFXFBF sRF,] HMOF6f
ALPV[; POA<I]5NJLGF VeIF; S[D

GM[W0v   :YFGLS T5F; ; IDTL GF ; eI zLVM[GM TFP#v5vZ_!! GM VC[JF, TFPZ$v5vZ_!! GF ZMH V+[D/[, K[RF,] HMOF6 VF5JF E, FD6 SZ[, K[

VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI'ّ zL4 J'NFJG S[/J6L D'0/ ; RFI, T zL VH]G
VF8''; VG[ALPV[; POA<I] SM, H4 ;]5F; L TZOYL H]GvZ_!! YL p5ZGL IJUT[
IJGI G IJnFXFBFG\ RF,] HMOF6 I]GJI; 8LV[TYF :YFIGS T5F; ; IDITV[D]S[,
HMOF6GL XZTMG\ 5IZ5F, G TFP #_v(vZ_!!;]WLDF\SZ[TM TFP! 5v&vZ_!! YL
TFP! $v&vZ_! Z ;]WLG\ V[S JOF'G\RF,]HMOF6 VF5JF I; IgOS[BG[E, FD6 SZJLP

sGMMov p5I]ST SM,HGL HMOF6 VZÒ TYF T[5ZtJ[GM :YFGLS T5F; ; IDTL GM
VC[JF, VF ; FY[5IZIX08 cc)! cc TZLS[; FD[, K]Pf

VFRFI'ّ zL4 G[Z VHI]S[XG 8÷8 ; RFI, T zL ÒPVDPAL, BLIF SM,H VMO VF8''; VG[SMD; '4
J'OF TZOYL H]G Z_!! YL GLR[GL IJUT[SFI DL HMOF6 DF8[VFJ[, VZÒ TYF T[5ZtJ[GF
:YFGLS T5F; ; IDTL GF VC[JF, 5Z IJRFZ6F SZJF AFAT

HMOF6GL IJUTov
IJGI G IJnFXFBF sSFI DL HMOF6f
ALPV[sD]b I qUF6f   U]HZFTL4 ICgNL4 ; \ST4 DGMIJ 7FG4 VU]Ò

GMMov   :YFGLS T5F; ; IDTL GF ; eI zLVMGM TFP! _v5vZ_!!   GM VC[JF,
TFP! Zv5vZ_!! GF ZMH V+[D/[, K]P RF,]HMOF6 VF5JF E, FD6 SZ[, K]P

VFYL 9ZFJJFDF\   VFJ[K[S[VFRFI'ّ zL4 G[Z VHI]S[XG 8÷8 ; RFI, T zL
ÒPVDPAL, BLIF SM,H VMO VF8''; VG[SMD; '4 J'OF   TZOYL H]GvZ_!! YL p5ZGL
IJUT[IJGI G IJnFXFBFG\ SFI DL HMOF6 GCL\ VF5TF RF,] HMOF6 I]GJI; 8LV[TYF
:YFIGS T5F; ; IDITV[D]S[,   HMOF6GL XZTMG\ 5IZ5F, G TFP #_v(vZ_!!;]WLDF\
SZ[TM TFP! 5v&vZ_!! YL TFP! $v&vZ_! Z ;]WLG\ V[S JOF'G\RF,]HMOF6 VF5JF
I; IgOS[BG[E, FD6 SZJLP

sGMMov p5I]ST SM,HGL HMOF6 VZÒ TYF T[5ZtJ[GM :YFGLS T5F; ; IDTL GM
VC[JF, VF ; FY[5IZIX08 cc)Z cc TZLS[; FD[, K]Pf

VFRFI'ّ zL4 ; F(ZF08= V[H[S[XG 8÷8 ; RFI, T zLDTL HPV[GPEF8] IX1F6 DCFIJnF, I4
H]GFU- TZOYL H]G Z_!! YL GLR[GL IJUT[RF,]HMOF6 DF8[VFJ[, VZÒ TYF T[5ZtJ[GF
:YFGLS T5F; ; IDTL GF VC[JF, 5Z IJRFZ6F SZJF AFAT

HMOF6GL IJUTov
IX1F6 IJnFXFBF sRF,]HMOF6f
ALPV[DP5NJLGF VeI F;]ÐM

GMWov   :YFGLS   T5F;   ; IDTL   GF   ; eI zLVMGM TFP)v5vZ_! !   GM   VC[JF,
TFP! Zv5vZ_! ! GF ZMH V+[D/[, KP RF,]HMOF6 VF5JF E, FD6 SZ[, KP

VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI"zL4 zL ; F[ZFQ8=V[HI[SXG 8÷8 ; RFI, T
zLDTL HPV[GPEF8]IX1F6 DCFIJnF, I4 H]GFU- TZOYL H]GvZ_! ! YL p5ZGL IJUT[
IX1F6 IJnFXFBFG\ RF,] HMOF6 I]IGJI; 8LV[TYF :YFIGS T5F;   ; IDITV[D]S[,
HMOF6GL XZTMG\ 5IZ5F, G TFP #_v(vZ_! ! ;]WLDF\ SZ[TM TFP! 5v&vZ_! ! YL
TFP! $v&vZ_! Z ;]WLG\ V[S JQFFG\RF,]HMOF6 VF5JF I; IgOS]BG[E, FD6 SZJLP

sGMWov p5I]ST SM,]HGL HMOF6 VZÒ TYF T[5ZtJ[GM :YFIGS T5F; ; IDTL GM
VC[JF, VF ; FY[5IZIX08 cc) #cc TZLS[; FD[, KPf

VFRFI"zL4 :JFDL GFZFI I 6 ; DFH ;]JF 8÷8 ; RFI, T :JFDL GZFI I 6 OLhLIMY[ZF5L SM,]H4
GFW[QL TZOYL H]G Z_! ! YL GLR[GL IJUT[RF,] HMOF6 DF8[VFJ[, VZÒ TYF T[5ZtJ[GF
:YFIGS T5F; ; IDTL GF VC[JF, 5Z IJRF6 6F SZJF AFAT

HMOF6GL IJUTov
TALAL IJnFXFBF sRF,]HMOF6f
ALPOLhLIMY[ZF5L 5NJLGF VeIF; SÐM

GMWov   :YFIGS   T5F;   ; IDTL   GF   ; eI zLVMGM TFP5v&vZ_! !   GM   VC[JF,
TFP! #v*vZ_! ! GF ZMH V+[D/[, KP RF,]HMOF6 VF5JF E, FD6 SZ[, KP
VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI"zL4 :JFDL GFZFI I 6 ; DFH ;]JF 8÷8 ; RFI, T
:JFDL GZFI I 6 OLhLIMY[ZF5L SM,]H4 GFW[QL   TZOYL H]GvZ_! ! YL p5ZGL IJUT[
TALAL IJnFXFBFG\ RF,] HMOF6 I]IGJI; 8LV[TYF :YFIGS T5F;   ; IDITV[D]S[,
HMOF6GL XZTMG\ 5IZ5F, G TFP #_v(vZ_! ! ;]WLDF\ SZ[TM TFP! 5v&vZ_! ! YL
TFP! $v&vZ_! Z ;]WLG\ V[S JQFFG\RF,]HMOF6 VF5JF I; IgOS]BG[E, FD6 SZJLP

sGMWov p5I]ST SM,]HGL HMOF6 VZÒ TYF T[5ZtJ[GM :YFIGS T5F; ; IDTL GM
VC[JF, VF ; FY[5IZIX08 cc) $cc TZLS[; FD[, KPf

VFRFI"zL4 IJ`JEF0FF VG[; FICtI 5IZQFN ; RFI, T VF8", VG[SMD; "SM,]H4 WFZL TZOYL
H]G Z_! ! YL GLR[GL IJUT[RF,] HMOF6 DF8[VFJ[, VZÒ TYF T[5ZtJ[GF :YFIGS T5F;;
; IDTL GF VC[JF, 5Z IJRF6 6F SZJF AFAT

HMOF6GL IJUTоv
IJGI G IJnFXFBF sRF,]HMOF6f
ALPVPsDþI qUF6f   UHZFTL4VUÒ4 DGMIJ7FG4 ; \ST
JFI6HI IJnFXFBF sRF,]HMOF6f
ALPSMDPsJ§<5LSf   V§Fpg8 V§0 OFIGFg; D§HD§84 SMd%I§Z ; FI g; 4

GMWоv   :YFGLS   T5F;   ; IDTL   GF   ; eI zLVMGM TFP*v*vZ_! !   GM   VC[JF,
         TFP!)v*vZ_! ! GF ZMH V+[D/[, K[P RF,]HMOF6 VF5JF E, FD6 SZ[, K[P

          VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI'ʒL4 IJ`JEFQFF VG[; FICtI 5IZQFN ; RFI, T
     VF8"; VG[SMD;'" SM, H4 WFZL TZOYL H[GvZ_! ! YL p5ZGL IJUT[IJGI G
     IJnFXFBFG\ TYF JFI6HI IJnFXFBFG\ RF,] HMOF6 I]IGJI; 8LV[TYF :YFIGS T5F;
     ; IDITV[D§[,   HMOF6GL XZTMG\ 5IZ5F, G TFP #_v(vZ_! !; WLDF\ SZ[TM
     TFP! 5v&vZ_! !   YL TFP! $v&vZ_! Z ; WLG\   V§ JQF'G\ RF,] HMOF6 VF5JF
     I; IgOS§BG[E, FD6 SZJLP

     sGMWоv p5I§ST SM, H[GL HMOF6 VZÒ TYF T[5ZtJ[GM :YFGLS T5F; ; IDTL GM
     VC[JF, VF ; FY[5IZIXQ8 cc)5cc TZLS[[; FD[, K[P

! _)   VFRFI'ʒL4 ALPVPOFUZ CMIDIM5[YLS D§LS, SM, H4 ZFHSM8 TZOYL H[G Z_! ! YL GLRJ[GL
HMOF6   IJUT[RF,] HMOF6 DF8[VFJ[, VZÒ TYF T[5ZtJ[GF :YFGLS T5F;; IDTL GF VC[JF, 5Z
          IJRFZ6F SZJF AFAT

HMOF6GL IJUTоv
CMIDIM5[YL IJnFXFBF sRF,]HMOF6f
ALPV§RPV§PV[; P 5NJLGF VeIF; S§M

GMWоv   :YFGLS   T5F;   ; IDTL   GF   ; eI zLVMGM TFP! #v*vZ_! !   GM   VC[JF,
         TFP! 5v*vZ_! ! GF ZMH V+[D/[, K[P RF,]HMOF6 VF5JF E, FD6 SZ[, K[P

          VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI'ʒL4 ALPV§OFUZ CMIDIM5[YLS D§LS, SM, H4
     ZFHSM8 TZOYL H[GvZ_! ! YL p5ZGL IJUT[CMIDIM5[YL IJnFXFBFG\ RF,] HMOF6
     I]IGJI; 8LV[TYF :YFIGS T5F; ; IDITV[D§[,   HMOF6GL XZTMG\ 5IZ5F, G TFP
     #_v(vZ_! !; WLDF\SZ[TMTFP! 5v&vZ_! ! YL TFP! $v&vZ_! Z ; WLG\ V§ JQF'G\
     RF,]HMOF6 VF5JF I; IgOS§BG[E, FD6 SZJLP

     sGMWоv p5I§ST SM, H[GL HMOF6 VZÒ TYF T[5ZtJ[GM :YFGLS T5F;; ; IDTL GM
     VC[JF, VF ; FY[5IZIXQ8 cc)&cc TZLS[[; FD[, K[Pf

!!_ VFRFI 'ZL4 zL ALPV DPGF'OM/F R ZL8 A, 8÷8 ; RFI, T zLDTL JLPALPGF'OM/F SM d%I 8Z ; FI g;
HMOF6 SM, H4 EFRF TZOYL H G Z_!! YL GLR GL IJUT[RF,] HMOF6 DF8[VFJ[, VZÒ TYF T[
5ZtJ GF :YFGLS T5F; ; IDTL GF VC JF, 5Z IJRFZ6F SZJF AFAT

HMOF6GL IJUT ov
IJ7FG IJnFXFBF sRF,] HMOF6f
ALP; LPVP 5NJLGF VeI F; S Đ
5LPÒPOLP; LPVP GF VeI F; S Đ

GMW ov   :YFGLS T5F; ; IDTL GF ; eI zLVMGM TFP! _v*vZ_!! GM VC JF,
     TFP!) v*vZ_!! GF ZMH V+[D/[, K P RF,] HMOF6 VF5JF E, FD6 SZ[, K P

     VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI 'ZL4 zL ALPV DPGF'OM/F R ZL8 A, 8÷8
; RFI, T zLDTL JLPALPGF'OM/F SM d%I 8Z ; FI g; SM, H4 EFRF TZOYL H GvZ_!! YL
p5ZGL IJUT[IJ7FG   IJnFXFBFGN RF,] HMOF6 I I GJI; 8LV[TYF :YFIGS T5F; ;
; IDITV[D S[,   HMOF6GL XZTMGN 5IZ5F, G TFP #_v(vZ_!!; WLDF\ SZ[TM
TFP! 5v&vZ_!! YL TFP! $v&vZ_!Z ; WLGN   V S JQF'GN RF,] HMOF6 VF5JF
I; Ig0S8G[E, FD6 SZJLP

sGMW ov p5I ST SM, HGL HMOF6 VZÒ TYF T[5ZtJ GM :YFGLS T5F; ; IDTL GM
VC JF, VF ; FY[5IZIX08   cc) *cc TZLS[; FD[, K Pf

!!! VFRFI 'ZL4 R GLEF. HFNJÒEF. DF'OJLIF VHI S XG 8÷8 ; RFI, T zL SPSPWFZ I F
HMOF6 ALP5LPV DPSM, H4 ZFHSM8 TZOYL H G Z_!_ YL GLR GL IJUT[RF,] HMOF6 DF8[VFJ[, VZÒ
TYF T[5ZtJ GF :YFGLS T5F; ; IDTL GF VC JF, 5Z IJRFZ6F SZJF AFAT

HMOF6GL IJUT ov
IX1F6 IJnFXFBF sRF,] HMOF6f
ALP5LPV DP 5NJLGF VeI F; S Đ

GMW ov   :YFGLS T5F; ; IDTL GF ; eI zLVMGM TFP! #v$vZ_!! GM VC JF,
     TFP!) v*vZ_!! GF ZMH V+[D/[, K P RF,] HMOF6 VF5JF E, FD6 SZ[, K P

     VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI 'ZL4 R GLEF. HFNJÒEF. DF'OJLIF
VHI S XG 8÷8 ; RFI, T zL SPSPWFZ I F ALP5LPV DPSM, H4 ZFHSM8 TZOYL VFJ[,
HMOF6 VZÒ 5ZtJ[H GvZ_!_ YL p5ZGL IJUT[IX1F6   IJnFXFBFGN   RF,] HMOF6
I I GJI; 8LV[TYF :YFIGS T5F; ; IDITV[D S[,   HMOF6GL XZTMGF 5IZ5F, G GG[VFIWG
TFP! 5v&vZ_!_ YL TFP! $v&vZ_!! ; WLGN   V S JQF'GN RF,] HMOF6 VF5JF
I; Ig0S8G[E, FD6 SZJLP

sGMWov p5I]ST SM,HGL HMOF6 VZÒ TYF T[5ZtJ]GM :YFGLS T5F; ; IDTL GM VC[JF, VF ; FY[5IZIX08 cc) (cc TZLS[; FD[, K]Pf

! ! Z
HMOF6

VFRFI'ZL4 ACFpING ; FI g; SM,H4 H]GFU- TZOYL H]G Z_!! YL GLR]GL IJUT[JWFZFG] HMOF6 DF8[VFJL, VZÒ TYF T[5ZtJ]GF :YFGLS T5F; ; IDTL GF VC[JF, 5Z IJRFZ6F SZJF AFAT

HMOF6GL IJUTov
IJ7FG IJnFXFBF sJWFFZFG]HMOF6f
T'ITI JOF"ALPV[; ; LP OMZ]g; LS ; FI g;
GMWov   :YFGLS T5F; ; IDTL GF ; eI zLVMGM TFP! &v*vZ_!! GM VC[JF, TFP! (v*vZ_!! GF ZMH V+[D/[, KP RF,]HMOF6 VF5JF E, FD6 SZ[, KP

       VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI'ZL4 ACFpING ; FI g; SM,H4 H]GFU- TZOYL H]GvZ_!! YL p5ZGL IJUT[IJ7FG IJnFXFBFG]JWFZFG] HMOF6 I]GGJI; 8LV[TYF :YFIGS T5F; ; IDITV[D]S[, HMOF6GL XZTMG\ 5IZ5F, G TFP #_v(vZ_!! ;]WLDF\ SZ[TM TFP! 5v&vZ_!! YL TFP! $v&vZ_! Z ;]WLG\ V]S JQF'G\ JWFZFG] HMOF6 VF5JF I; IgOS]BG[E, FD6 SZJLP

sGMWov p5I]ST SM,HGL HMOF6 VZÒ TYF T[5ZtJ]GM :YFGLS T5F; ; IDTL GM VC[JF, VF ; FY[5IZIX08 cc))cc TZLS[; FD[, K]Pf

! ! #
HMOF6

VFRFI'ZL4 DFT]zL JLPALPD6JZ IX1F6 DCFIJnF, I4DPO]DLI F6L4 TFPp5, 8F TZOYL H]G Z_!! YL GLR]GL IJUT[RF,]HMOF6 DF8[VFJL, VZÒ TYF T[5ZtJ]GF :YFGLS T5F; ; IDTL GF VC[JF, 5Z IJRFZ6F SZJF AFAT

HMOF6GL IJUTov
IX1F6 IJnFXFBF sRF,]HMOF6f
ALPV]DP5NJLGF VeIF; SD
GMWov   :YFGLS T5F; ; IDTL GF ; eI zLVMGM TFP! &v*vZ_!! GF ZMH V+[D/[, KP RF,]HMOF6 VF5JF E, FD6 SZ[, KP

       VFYL 9ZFJJFDF\   VFJ[K[S[VFRFI'ZL4 DFT]zL JLPALPD6JZ IX1F6 DCFIJnF, I4DPO]DLI F6L4 TFPp5, 8F TZOYL H]GvZ_!! YL p5ZGL IJUT[IX1F6 IJnFXFBFG\ RF,]HMOF6 I]GGJI; 8LV[TYF :YFIGS T5F; ; IDITV[D]S[, HMOF6GL XZTMG\ 5IZ5F, G TFP #_v(vZ_!! ;]WLDF\ SZ[TM TFP! 5v&vZ_!! YL TFP! $v&vZ_! Z ;]WLG\ V]S JQF'G\ RF,]HMOF6 VF5JF I; IgOS]BG[E, FD6 SZJLP

sGⱮⱮ0v p5I|ST SM,|HGL HⱮOF6 VZÒ TYF T[5ZtJ|GM :YFGLS T5F; ; IDTL GM VCⱯF, VF ; FY[5IZIXQ8 cc! ___cc TZLS[; FD|, KⱰf

!!$ VFRFI"zl4 zl ALPJLP58[, VⱧI|S|XG 8÷8 ; 'RFI, T OLPSⱭS5|ZLI F VF8"; VG[V[; PALPUFZOL
HⱮOF6   SMD; "SM,|H4 SF, FJ0 TZOYL H|G Z_!! YL GLR|GL IJUT[RF,]HⱮOF6 DF8[VFJ[, VZÒ TYF T[5ZtJ|GF :YFGLS T5F; ; IDTL GF VCⱯF, 5Z IJRFZ6F SZJF AFAT

HⱮOF6GL IJUT0v
IJGI G IJnFXFBFsRF,]HⱮOF6f
ALPVⱰsD|bI qUF|6f   UⱧZFTL4 ICgNL4 ; \ST4 ; DFHXF: +4
         UF|6   . ITCF; 4 DGⱮlJ 7FG4 VY"XF: +
JFI6HI IJnFXFBF sRF,]HⱮOF6f
ALPSMDP sJ|§<5LSf   V|pJFg; V|§Fpg8 V|ɠO OFI gFFg; D|G|HD|ɠ84 AIhG[; D|G|HD|ɠ8

GⱮⱮ0v   :YFGLS   T5F;   ; IDTL   GF   ; el zlVⱮGM   TFPZ_v*vZ_!!   GM   VCⱯF,
      TFPZ_v*vZ_!! GF ZMH V+[D/[, KⱰ

       VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI"zl4 zl ALPJLP58[, VⱧI|S|XG 8÷8 ; 'RFI, T OLPSⱭS5|ZLI F VF8"; VG[V[; PALPUFZOL SMD; "SM,|H4 SF, FJ0 TZOYL H|GvZ_!! YL p5ZGL IJUT[IJGI G IJnFXFBFGⱮ\ TYF JFI6HI IJnFXFBFGⱮ\ RF,]HⱮOF6 IⱮGJI; 8LV[TYF :YFGLS T5F; ; IDITV[D|§[,   HⱮOF6GL XZTⱮG\ 5IZ5F, G TFP #_v(vZ_!!;|WLDF\ SZ[TⱮ TFP! 5v&vZ_!! YL TFP! $v&vZ_! Z ; |WLGⱮ\ V|§ J0FrG\ RF,]HⱮOF6 VF5JF I; IgOS|§G[E, FD6 SZJLP

sGⱮⱮ0v p5I|ST SM,|HGL HⱮOF6 VZÒ TYF T[5ZtJ|GM :YFGLS T5F; ; IDTL GM VCⱯF, VF ; FY[5IZIXQ8 c! _!cc TZLS[; FD|, KⱰf

!!5   VFRFI"zl4 zl , |pJF 58[, R|Zl8|A, 8÷8 ; 'RFI, T ALPALPVⱰDIC, F SM,|H4 VDZ[, L TZOYL
HⱮOF6   H|G Z_!! YL GLR|GL IJUT[RF,]HⱮOF6 DF8[VFJ[, VZÒ TYF T[5ZtJ|GF :YFGLS T5F;
      ; IDTL GF VCⱯF, 5Z IJRFZ6F SZJF AFAT
HⱮOF6GL IJUT0v
D|G|HD|ɠ8 IJnFXFBF sRF,]HⱮOF6f
ALPALPVⱰP 5NJLGF VeIF; SⰭ

GⱮⱮ0v   :YFGLS T5F; ; IDTL GF ; el zlVⱮ GM VCⱯF, TFP! *v*vZ_!!   GF ZMH V+[
      D/[, KⱰ RF,]HⱮOF6 VF5JF E, FD6 SZ[, KⱰ

VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI'ḤL4 zL , þJF 58[, RẒL8|A, 8÷8 ; RFI, T ALPALPV'PDIC, F SM, H4 VDZ[, L TZOYL H|GvZ_!! YL p5ZGL IJUT[D|G|HDÿ8 IJnFXFBFG\ RF,] HMOF6 I|IGJI; 8LV[TYF :YFIGS T5F; ; IDITV[DҘ[, HMOF6GL XZTMG\ 5IZ5F, G TFP #_v(vZ_!!; WLDF\ SZ[TM TFP! 5v&vZ_!! YL TFP! $v&vZ_! Z ; WLG\ VҘ JQFFG\ RF,] HMOF6 VF5JF I; IgOSⒽG[E, FD6 SZJLP

sGⓂⓌov p5IҘT SM, HGL HMOF6 VZÒ TYF T[5ZtJ|GM :YFGLS T5F; ; IDTL GM VCỤF, VF ; FY[5IZIX08 cc! _Zcc TZLS[; FD[, KҎf

! !&   VFRFI'ḤL4 zL :JFDL GFZFI6 U}-SⱾ ; RFI, T zL WDÒJG NF;Ò :JFDL
HMOF6   ALPV'PSM, H4TZJ0F TZOYL H|G Z_!! YL GLR|GL IJUT[RF,] HMOF6 DF8[VFJ[, VZÒ TYF T[5ZtJ|GF :YFGLS T5F; ; IDTL GF VCỤF, 5Z IJRFZ6F SZJF AFAT

HMOF6GL IJUToV
IX1F6 IJnFXFBF sRF,] HMOF6f
ALPV'P5NJLGF VeⅠF; SⱭ

GⓂⓌov   :YFGLS T5F; ; IDTL GF ; eⅠ zLVMⒼM TFP! 5v*vZ_!! GM VCỤF, TFP!)v*vZ_!! GF ZMH V+[D/[, KP RF,] HMOF6 VF5JF E, FD6 SZ[, KP

VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI'ḤL4 zL :JFDL GFZFI6 U}-SⱾ ; RFI, T zL WDÒJG NF;Ò :JFDL ALPV'PPSM, H4TZJ0F TZOYL H|GvZ_!! YL p5ZGL IJUT[IX1F6 IJnFXFBFG\ RF,] HMOF6 I|IGJI; 8LV[TYF :YFIGS T5F; ; IDITV[DҘ[, HMOF6GL XZTMG\ 5IZ5F, G TFP #_v(vZ_!!; WLDF\ SZ[TM TFP! 5v&vZ_!! YL TFP! $v&vZ_! Z ; WLG\ VҘ JQFFG\ RF,] HMOF6 VF5JF I; IgOSⒽG[E, FD6 SZJLP

sGⓂⓌov p5IҘT SM, HGL HMOF6 VZÒ TYF T[5ZtJ|GM :YFGLS T5F; ; IDTL GM VCỤF, VF ; FY[5IZIX08 cc! _#cc TZLS[; FD[, KҎf

! ! *   VFRFI'ḤL4 zL IDZFⅠdASF ALPV'PPSM, H4 ZFHSMⓑ TZOYL H|G Z_!! YL GLR|GL IJUT[SFIDL
HMOF6   HMOF6 DF8[VFJ[, VZÒ TYF T[5ZtJ|GF :YFGLS T5F; ; IDTL GF VCỤF, 5Z IJRFZ6F SZJF AFAT P

HMOF6GL IJUToV
IX1F6 IJnFXFBF sSFIDL HMOF6f
ALPV'P5NJLGF VeⅠF; SⱭM

GMWov   :YFGLS T5F;   ; IDTL GF   ; el zLVMGM TFP! (v*vZ_!!   GM VCUF,
TFPZ_v*vZ_!! GF ZMH V+[D/[, KP RF,]HMOF6 VF5JF E, FD6 SZ[, KP

VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI"zl4 zl IDZFIdASF ALPVDPSM, H4 ZFHSM8
TZOYL HGvZ_!! YL p5ZGL IJUT[IX1F6   IJnFXFBFG\SFI DL HMOF6 GCL\ VF5TF
RF,] HMOF6 IIGJI; 8LV[TYF :YFIGS T5F;   ; IDITV[DS[,   HMOF6GL XZTMG\
5IZ5F, G TFP #_v(vZ_!!; WLDF\SZ[TM TFP! 5v&vZ_!! YL TFP! $v&vZ_! Z
; WLG\ VS JOFG\RF,]HMOF6 VF5JF I; IgOSBG[E, FD6 SZJLP

sGMWov p5ISTST SM, HGL HMOF6 VZÒ TYF T[5ZtJGM :YFGLS T5F;   ; IDTL GM
VCUF, VF ; FY[5IZIX08   cc! _$cc TZLS[; FD[, KPf

!!(VFRFI"zl4 HJFCZ, F, GC[- CMIDIM5YLS DLS, SM, H4 , LDOF4 ÒP JOMNZF4 TFPJFWMOLIF
HMOF6   TZOYL HG Z_!! YL GLRGL IJUT[RF,]HMOF6 DF8[VFJ[, VZÒ TYF T[5ZtJGF :YFGLS
T5F;   ; IDTL GF VCUF, 5Z IJRFZ6F SZJF AFAT

HMOF6GL IJUTov
CMIDIM5YL IJnFXFBF sRF,]HMOF6f
ALPVRPVDPV[, P CMIDIM5YL 5NJLGF VelF; SĐ

GMWov   :YFGLS T5F;   ; IDTL GF ; el zLVMGM VCUF, TFP! (v&vZ_!! GF ZMH V+[
D/[, KP RF,]HMOF6 VF5JF E, FD6 SZ[, KP
VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI"zl4 HJFCZ, F, GC[- CMIDIM5YLS DLS,
SM, H4 , LDOF4 ÒP JOMNZF4 TFPJFWMOLIF TZOYL HGvZ_!! YL p5ZGL IJUT[
CMIDIM5YL IJnFXFBFG\ RF,] HMOF6 IIGJI; 8LV[TYF :YFIGS T5F;   ; IDITV[DS[,
HMOF6GL XZTMG\ 5IZ5F, G TFP #_v(vZ_!!; WLDF\SZ[TM TFP! 5v&vZ_!! YL
TFP! $v&vZ_! Z ; WLG\ VS JOFG\RF,]HMOF6 VF5JF I; IgOSBG[E, FD6 SZJLP

sGMWov p5IST SM, HGL HMOF6 VZÒ TYF T[5ZtJGM :YFGLS T5F;   ; IDTL GM
VCUF, VF ; FY[5IZIX08   cc! _5cc TZLS[; FD[, KPf

!!)   VFRFI"zl4 GJIU V HISXG 8÷8 ; RFI, T zl GJIU SM, H VMO V HISXG4
HMOF6   ; B5ZvHGFU- TZOYL HG Z_!! YL GLRGL IJUT[RF,]HMOF6 DF8[VFJ[, VZÒ TYF T[
5ZtJGF :YFGLS T5F;   ; IDTL GF VCUF, 5Z IJRFZ6F SZJF AFAT

HMOF6 GL IJUTov
IX1F6 IJnFXFBF sRF,]HMOF6f
ALPVDP5NJLGF VelF; SĐM

GMWov	:YFGLS T5F; ; IDTL GF ; eI zLVMGM VCJF, TFP! Zv*vZ_! ! GF ZMH V+[
	D/[, KP RF,]HMOF6 VF5JF E, FD6 SZ[, KP

	VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI"zl4 GJIU V[HI[XG 8÷8 ; RFI, T zL
GJIU SM, H VMO V[HI[XG4 ;]B5[ZvH]GFU- TZOYL H]GvZ_! ! YL p5ZGL IJUT[
IX1F6 IJnFXFBFG]\ RF,] HMOF6 I]IGJI; 8LV[TYF :YFIGS T5F; ; IDITV[D]S[,
HMOF6GL XZTM]G]\ 5IZ5F, G TFP #_v(vZ_! ! ;]WLDF\ SZ[TM TFP! 5v&vZ_! ! YL
TFP! $v&vZ_! Z ;]WLGN\ V[S JOFG]\ RF,]HMOF6 VF5JF I; IgOS]BG[E, FD6 SZJLP

sGMWov p5I[ST SM, HGL HMOF6 VZÒ TYF T[5ZtJ[GM :YFGLS T5F; ; IDTL GM
VCJF, VF ; FY[5IZIX@8 cc! _&cc TZLS[; FD[, KPf

VFRFI"zl4 . gN]EF. 5FZ[B :S], VMO VFIS8]SRZ4 ZFHSM8 TZOYL H]G Z_! ! YL GLR[GL
HMOF6	IJUT[SFI DL HMOF6 DF8[VFJ[, VZÒ TYF T[5ZtJ[GF :YFGLS T5F; ; IDTL GF VCJF, 5Z
	IJRFZ6F SZJF AFAT

HMOF6 GL IJUT ov
VFIS8]SRZ IJnFXFBF sSFI DL HMOF6f
ALPVFIS8]SRZ 5NJLGF VeI F; SÐM

GMWov	:YFGLS T5F; ; IDTL GF ; eI zLVMGM TFPZZv&vZ_! ! GM VCJF,
	TFPZZv&vZ_! ! GF ZMH V+[D/[, KP RF,]HMOF6 VF5JF E, FD6 SZ[, KP

	VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI"zl4. gN]EF. 5FZ[B :S], VMO VFIS8]SRZ4
ZFHSM8 TZOYL H]GvZ_! ! YL p5ZGL IJUT[VFIS8]SRZ IJnFXFBFG]\SFI DL HMOF6
GCL\ VF5TF RF,] HMOF6 I]IGJI; 8LV[TYF :YFIGS T5F; ; IDITV[D]S[,   HMOF6GL
XZTM]G\ 5IZ5F, G TFP #_v(vZ_! ! ;]WLDF\ SZ[TM TFP! 5v&vZ_! ! YL
TFP! $v&vZ_! Z ;]WLGN\ V[S JOFG]\RF,] HMOF6 VF5JF I; IgOS]BG[E, FD6 SZJLP

sGMWov p5I[ST SM, HGL HMOF6 VZÒ TYF T[5ZtJ[GM :YFGLS T5F; ; IDTL GM
VCJF, VF ; FY[5IZIX@8 cc! _*cc TZLS[; FD[, KPf

VFRFI"zl4 ; Z:JTL ; IXI, Vg0 V[HI[XG 8÷8 ; RFI, T zL xIFDÒ S06 JDF" ALPVOP
HMOF6	SM, H4 ZFHSM8 TZOYL H]G Z_! ! YL GLR[GL IJUT[RF,] HMOF6 DF8[VFJ[, VZÒ TYF T[
	5ZtJ[GF :YFGLS T5F; ; IDTL GF VCJF, 5Z IJRFZ6F SZJF AFAT

HMOF6GL IJUTov
IX1F6 IJnFXFBF sRF,]HMOF6f
ALPVOP5NJL GF VeI F; SÐ

GMMov   :YFGLS T5F;   ; IDTL   GF   ; eI zLVMGM TFP! 5v*vZ_! !   GM   VCUF,
          TFP! 5v*vZ_! ! GF ZMH V+[D/[, KP RF,]HMOF6 VF5JF E, FD6 SZ[, KP

          VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI'zL4 ; Z:JTL ; MxI, VgO VHIMXG 8÷8
; RFI, T zL xIFDÒ S06 JDF"ALPVUDP SM, H4 ZFHSM8 TZOYL HGvZ_! ! YL p5ZGL
IJUT[IX1F6 IJnFXFBFG\ RF,] HMOF6 IUGJI; 8LV[TYF :YFIGS T5F; ; IDITV[DS[,
HMOF6GL XZTMG\ 5IZ5F, G TFP #_v(vZ_! ! ; MLDF\ SZ[TM TFP! 5v&vZ_! ! YL
TFP! $v&vZ_! Z ; MLG\ VS JOFG\ RF,] HMOF6 VF5JF I; IgOSBG[E, FD6 SZJLP

sGMMov p5IST SM,HGL HMOF6 VZÒ TYF T[5ZtJGM :YFGLS T5F; ; IDTL GM
VCUF, VF ; FY[5IZIX08 cc! _(cc TZLS[; FD[, KPf

VFRFI'zL4 ; JMNI VHISXG VgO RZL8[A, 8÷8 ; RFI, T zL ; JMNI SM, H VMO SMd%IBZ
; FIg; 4 ZFHSM8 TZOYL HG Z_! ! YL GLRGL IJUT[RF,] HMOF6 DF8[VFJ[, VZÒ TYF T[
5ZtJGF :YFGLS T5F; ; IDTL GF VCUF, 5Z IJRFZ6F SZJF AFAT

HMOF6GL IJUTov
IJ7FG IJnFXFBF sRF,]HMOF6f
ALP; LPVP5NJLGF VeIF; SÐM
5LPÒPOLP; LPVP5NJLGF VeIF; SÐ

GMMov   :YFGLS T5F;   ; IDTL   GF   ; eI zLVMGM TFP5v5vZ_! !   GM   VCUF,
          TFP! (v*vZ_! ! GF ZMH V+[D/[, KP RF,]HMOF6 VF5JF E, FD6 SZ[, KP

          VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI'zL4 ; JMNI VHISXG VgO RZL8[A, 8÷8
; RFI, T zL ; JMNI SM,H VMO SMd%IBZ ; FIg; 4 ZFHSM8 TZOYL HGvZ_! ! YL
p5ZGL IJUT[IJ7FG   IJnFXFBFG\ RF,] HMOF6 IUGJI; 8LV[TYF :YFIGS T5F;
; IDITV[DS[,   HMOF6GL XZTMG\ 5IZ5F, G TFP #_v(vZ_! ! ; MLDF\ SZ[TM
TFP! 5v&vZ_! ! YL TFP! $v&vZ_! Z ; MLG\   VS JOFG\ RF,] HMOF6 VF5JF
I; IgOSBG[E, FD6 SZJLP

sGMMov p5IST SM,HGL HMOF6 VZÒ TYF T[5ZtJGM :YFGLS T5F; ; IDTL GM
VCUF, VF ; FY[5IZIX08 cc! _)cc TZLS[; FD[, KPf

VFRFI'zL4 zL RGLEF. HFNJÒEF. DFOJLIF VHISXG 8÷8 ; RFI, T zL SPSPWFZ{IF
ALP5LPVUPSM, H4 ZFHSM8 TZOYL HG Z_! ! YL GLRGL IJUT[RF,] HMOF6 DF8[VFJ[, VZÒ
TYF T[5ZtJGF :YFGLS T5F; ; IDTL GF VCUF, VF ; FY[5IZIX08 cc! _)cc TZLS[; FD[, KPf
TYF T[5ZtJGF :YFGLS T5F; ; IDTL GF VCUF, VF ; FY[5IZIX08 ...
TYF T[5ZtJGF :YFGLS T5F; ; IDTL GF VCUF, VF ; FY[5IZIX08
TYF T[5ZtJGF :YFGLS T5F; ; IDTL GF VCUF, VF ; FY[5IZIX08
TYF T[5ZtJGF :YFGLS T5F; ; IDTL GF VCUF, VF ; FY[5IZIX08

HMOF6GL IJUTοv
IX1F6 IJnFXFBF sRF,]HMOF6f
ALP5LPVDP5NJLGF VeIF; SĐM

GMWοv   :YFGLS T5F;   ; IDTL GF ; eI zLVMGM TFP! 5v*vZ_!!   GM VCUF,
          TFP!)v*vZ_!! GF ZMH V+[D/[, KP RF,]HMOF6 VF5JF E, FD6 SZ[, KP

          VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI 'zL4 zL R[GLEF. HFNJÒEF. DF'OJLIF
VJHI]SXG 8÷8 ; RFI, T zL SPSPWFZ{IF ALP5LPVDP5M,]H4 ZFHSM8 TZ0YL H[GvZ_!!
YL p5ZGL IJUT[IX1F6   IJnFXFBFG\ RF,] HMOF6 I]GJI; 8LV[TYF :YFIGS T5F;
; IDITV[D]S[,   HMOF6GL XZTMG\ 5IZ5F, G TFP #_v(vZ_!!; WLDF\ SZ[TM
TFP! 5v&vZ_!! YL TFP! $v&vZ_! Z ; WLG\   VS JUFG\ RF,] HMOF6 VF5JF
I; IgOSBG[E, FD6 SZJLP

sGMWοv p5I]ST SM,]HGL HMOF6 VZÒ TYF T[5ZtJGM :YFGLS T5F; ; IDTL GM
VCUF, VF ; FY[5IZIX08 cc!! _cc TZLS[; FD[, KPf

HMOF6GL IJUTοv
TALAL IJnFXFBF sRF,]qJWFZFG\HMOF6f
5]YD JQF"ALPV[; ; LPGI; U GF VeIF; SĐ sRF,]HMOF6f
I£TLI JQF"ALPV[; ; LPGIU GF VeIF; SĐ sJWFZFG\HMO6f

GMWοv   :YFGLS T5F;   ; IDTL GF ; eI zLVMGM TFP(v*vZ_!!   GM VCUF,
          TFP(v*vZ_!! GF ZMH V+[D/[, KPRF,]VG[JWFZFGF HMOF6GL E, FD6 SZ[,
          KP

          VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI 'zL4   :JPZIT, F, JWF; LIF :DFZS 8÷8
; RFI, T zL ; Z:JTL ALPV[; ; LPGI; U SM,]H4 E]TJ0 TZ0YL H[GvZ_!! YL p5ZGL
IJUT[TALAL   IJnFXFBFG\ RF,] TYF JWFZFG\ HMOF6 I]GJI; 8LV[TYF :YFIGS T5F;
; IDITV[D]S[,   HMOF6GL XZTMG\ 5IZ5F, G TFP #_v(vZ_!!; WLDF\ SZ[TM
TFP! 5v&vZ_!! YL TFP! $v&vZ_! Z ; WLG\ VS JOFG\ RF,] TYF JWFZFG\ HMOF6
VF5JF I; IgOSBG[E, FD6 SZJLP

sGMWοv p5I]ST SM,]HGL HMOF6 VZÒ TYF T[5ZtJGM :YFGLS T5F; ; IDTL GM
VCUF, VF ; FY[5IZIX08 cc!!!cc TZLS[; FD[, KPf

70

!Z5
HMOF6　　　VFRFI'zL4　zL　V⫾DP5LPV⫾HI⫾XG　8÷8　;⫾RFI, T　IX5⫾F　SM,⫾H　VM̄O　SM̄d%I⫾BZ　;FIg;　V⫾g0
8⫾SGM, M̀O4　ZFHSM̄8　TZ0YL　H⫾G　Z_!!　YL　GLR⫾GL　IJUT[RF,]HMOF6　DF8[VFJ[,　VZÒ　TYF　T[
5ZtJ⫾GF　:YFGLS　T5F;　;　IDTL　GF　VC⫾JF,　5Z　IJRFZ6F　SZJF　AFAT

HMOF6GL　IJUT0v
IJ7FG　IJnFXFBF　sRF,]HMOF6f
ALP; LPV⫾P5NJLGF　Ve1F; S⫾Ð
ALPV[; P; LPVF. P 8LP 5NJLGF　Ve1F; S⫾Ð
5LPÒPOLP; LPV⫾P5NJLGF　Ve1F; S⫾Ð

GM̄W0v　　:YFGLS　T5F;　;　IDTL　GF　;e1zLVM̄GM　TFP#_v&vZ_!!　GM　VC⫾JF,
　　　　　TFP!)v*vZ_!!　GF　ZM̄H　V+[D/[,　K⫾P　RF,]HMOF6　VF5JF　E,FD6　SZ[,　K⫾P

　　　VFYL　9ZFJ FDF\　VFJ[　K[　S[　VFRFI'zL4　zL　V⫾DP5LPV⫾HI⫾XG　8÷8　;⫾RFI, T
IX5[⫾F　SM,⫾H　VM̄O　SM̄d%I⫾BZ　;FIg;　V⫾g0　8⫾SGM, M̀O4　ZFHSM̄8　TZ0YL　H⫾GvZ_!!　YL
p5ZGL　IJUT[　IJ7FG　　IJnFXFBFG\　RF,]　HMOF6　I⫾IGJI; 8LV[　TYF　:YFIGS　T5F;
;　IDITV[　D⫾S[,　　HMOF6GL　XZTM̄G\　5IZ5F, G　TFP　#_v(v⫾vZ_!!　;⫾WLDF\　SZ[　TM̄
TFP! 5v&vZ_!!　YL　TFP!$v&vZ_!Z　;⫾WLGM\　　V⫾S　JÕFG\　RF,]　HMOF6　VF5JF
I; Ig0S⫾BG[E, FD6　SZJLP
sGM̄W0v　p5I⫾ST　SM,⫾HGL　HMOF6　VZÒ　TYF　T[　5ZtJ⫾GM　:YFGLS　T5F;　;　IDTL　GM
VC⫾JF,　VF　;FY[5IZIX08　cc!!Zcc　TZLS[; FD[, K⫾Pf

!Z&
HMOF6　　　VFRFI'zL4　;⫾F⫾ZF08=CF. 8⫾S　V⫾HI⫾XG　8÷8　;⫾RFI, T　VM̄D　JLPJLPVF. PV⫾DPSM,⫾H4　DM̄ZAL
TZ0YL　H⫾G　Z_!_　YL　GLR⫾GL　IJUT[RF,]HMOF6　DF8[VFJ[,　VZÒ　TYF　T[5ZtJ⫾GF　:YFGLS
T5F;　;　IDTL　GF　VC⫾JF,　5Z　IJRFZ6F　SZJF　AFAT
HMOF6GL　IJUT0v
JFI6HI　IJnFXFBF　sRF,]HMOF6f
ALPSM̄DP sJ⫾S<5LSf　　　V⫾S⫾Fpg8LU　V⫾g0　OFIGFg;　D⫾G⫾HD⫾g84　SM̄d%I⫾BZ　;FIg;
IJ7FG　IJnFXFBF　sRF,]HMOF6f
ALP; LPV⫾P5NJLGF　Ve1F; S⫾Ð
5LPÒPOLP; LPV⫾P5NJLGF　Ve1F; S⫾Ð
D⫾G⫾HD⫾g8　IJnFXFBF　sRF,]HMOF6f
ALPALPV⫾P　5NJLGF　Ve1F; S⫾Ð
IJGIG　IJnFXFBF　sRF,]HMOF6f
ALPV⫾PsD⫾o1q⫾UF6f　　　U⫾HZFTL4　ICgNL4　V⫾U⫾Ò4　;\ST4　;DFHXF:+4　DGM̄IJ7FG4
VY⫾XF:+4. ITCF;
IX1F6　IJnFXFBF　sRF,]HMOF6f
ALPV⫾P5NJLGF　Ve1F; S⫾Ð

GMWov   :YFGLS T5F;   ; IDTL GF ; eI zLVMGM TFPZ (v5vZ_! _   GM VCIJF,
        TFPZ! v*vZ_! ! GF ZMH V+[D/[, KP RF,]HMOF6 VF5JF E, FD6 SZ[, KP

        VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI''zL4 ; FZF08=CF. 8[S VJHI[S]XG 8÷8 ; RFI, T
VMD JLPJLPVF. PVDPSM, H4 DMZAL TZOYL VFJ[, HMOF6 VZÒ 5ZtJ[H]GvZ_! _
YL p5ZGL IJUT[JFI6HI IJnFXFBFGM IJ7FG IJnFXFBFG\ 4DGHDg8 IJnFXFBFG\ 4
IJGI G IJnFXFBFG\ TYF IX1F6 IJnFXFBFG\   RF,] HMOF6 I]IGJI; 8LV[TYF :YFIGS
T5F; ; IDITV[DS[,   HMOF6GL XZTMGF 5IZ5F, GG[VFIWG TFP! 5v&vZ_! _ YL
TFP! $v&vZ_! ! ; WLG\ VS JQFFG\RF,]HMOF6 VF5JF I; IgOSBG[E, FD6 SZJLP

sGMWov p5ISIT SM, HGL HMOF6 VZÒ TYF T[5ZtJ[GM :YFGLS T5F; ; IDTL GM
VCIJF, VF ; FY[5IZIX08 cc! !#cc TZLS[; FD[, KPf

! Z*   VFRFI''zL4 zL JNFJG S[/J6L D0/ ; RFI, T zL VHJG ALP5LP. P VG[ALPVDPSM, H4 ; 5F; L
HMOF6   TZOYL H]G Z_! ! YL GLRGL IJUT[RF,]HMOF6 DF8[VFJ[, VZÒ TYF T[5ZtJ[GF :YFGLS
        T5F; ; IDTL GF VCIJF, 5Z IJRF Z6F6 SZJF AFAT

HMOF6GL IJUTov
IX1F6 IJnFXFBF sRF,]HMOF6f
ALPVDP5NJLGF VeI F; SÐ

GMWov   :YFGLS T5F;   ; IDTL GF ; eI zLVMGM TFP! (v*vZ_! !   GM VCIJF,
        TFPZ! v*vZ_! ! GF ZMH V+[D/[, KP

        VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI''zL4 zL JNFJG S[/J6L D0/ ; RFI, T zL
VH]G   ALP5LP. P VG[ALPVDPSM, H4   ; 5F; L   TZOYL   H]GvZ_! !
YL p5ZGL IJUT[IX1F6 IJnFXFBFG\RF,]HMOF6 I]IGJI; 8LV[TYF :YFIGS T5F;;
; IDITV[DS[,   HMOF6GL XZTMG\ 5IZ5F, G TFP #_v(vZ_! ! ; WLDF\ SZ[TM
TFP! 5v&vZ_! ! YL TFP! $v&vZ_! Z ; WLG\ VS JQFFG\ RF,] HMOF6 VF5JF
I; IgOSBG[E, FD6 SZJLP
sGMWov p5ISIT SM, HGL HMOF6 VZÒ TYF T[5ZtJ[GM :YFGLS T5F; ; IDTL GM
VCIJF, VF ; FY[5IZIX08 cc! !$cc TZLS[; FD[, KPf

! Z (VFRFI''zL4 ; IDU, D VHI[S]XG Vg0 RIZL8[A, 8÷8 ; RFI, T zL VFGM SM, H VMO GI; U4
HMOF6   ZFHSM8 TZOYL H]G Z_! ! YL GLRGL IJUT[RF,] qJWFZFGFF q GJF HMOF6 DF8[VFJ[, VZÒ
        TYF T[5ZtJ[GF :YFGLS T5F; ; IDTL GF VCIJF, 5Z IJRF Z6F6 SZJF AFAT

HMOF6GL IJUT ᴏᴠ
TALAL IJnFXFBF sRF,]qJWFZFG\HMOF6f
5|YD VG[I£TLI JQF"A|hLS ALPV[; P; LPGI; 'UGF VeI F; SÐ sRF,]HMOF6f
T'IT I JQF"A|hLS ALPV[; P; LPGI; 'U GF VeI F; SÐ sJWFZFG\HMOF6f
TALAL IJnFXFBF sGJ]HMOF6f
5|YD JQF"5M:8 A|hLS ALPV[; P; LPGI; 'UGF VeI F; SÐ

GMWᴏᴠ   :YFGLS T5F;   ; IDTL GF ; eI zLVMGM TFP#_v&vZ_! !   GM VC|JF,
         TFP! ! v*vZ_! ! GF ZMH V+[D/[, KP RF,]4 JWFZFG\ TYF GJ] HMOF6 VF5JF
         E, FD6 SZ[, KP

•   VFYL 9ZFJJFDF\ VFJ[K[S[VFRFFI'zL4 ; |D'U, D V|HI |S|XG V|gO R|ZL8|A, 8÷8
; |RFI, T zL VFGN SM, |H VMO GI; 'U4 ZFHSM8 TZOYL H|GvZ_! ! YL p5ZGL IJUT[
TALAL IJnFXFBFG\ RF,]4 JWFZFG\ TYF GJ] HMOF6 I|]GJI; 8LV[TYF :YFIGS T5F;
; IDITV[D|S[,   HMOF6GL XZTMG\ 5IZ5F, G TFP #_v(vZ_! ! ; |WLDF\ SZ[TM
TFP! 5v&vZ_! ! YL TFP! $v&vZ_! Z ; |WLG\   V|S JQF'G\ RF,]4 JWFZFG\ TYF GJ]\
HMOF6 VF5JF I; Ig0S|8G[E, FD6 SZJLP

sGMWᴏᴠ p5I|ST SM, |HGL HMOF6 VZÒ TYF T[5ZtJ|GM :YFGLS T5F;   ; IDTL GM
VC|JF, VF ; FY[5IZIXQ8 cc! ! 5cc TZLS[; FD[, KPf

! Z)   VFRFFI'zL4 V|DPOLPSCMZ VF8", VG[SMD; " SM, |H4H; N6 TZOYL H|G Z_! ! YL GLR|GL
HMOF6 IJUT[RF,]HMOF6 DF8[VFJ[, VZÒ TYF T[5ZtJ|GF :YFGLS T5F;   ; IDTL GF VC|JF, 5Z
        IJRFZ6F SZJF AFAT

HMOF6GL IJUTᴏᴠ
IJGI G IJnFXFBF sRF,]HMOF6f
ALPV|PsD|b|I qUF|6f   U|HZFTL4 ICgNL4 V'U|Ò4 ; |\ST4 ; DFHXF:+4 ZFHI XF:+
JFI6HI IJnFXFBF sRF,]HMOF6f
ALPSMDP sJ|§<5LSf   V|§Fpg8 V|g0 OF I GF|g; LI, D|G|HD|g84 S|Mb%I|8Z ; FI g; 4 AI hG[;
D|G|HD|g8

GMWᴏᴠ   :YFGLS T5F; ; IDTL GF ; eI zLVMGM VC|JF, TFPZ! v*vZ_! ! GF ZMH V+[
         D/[, KP RF,]HMOF6 VF5JF E, FD6 SZ[, KP

VFYL 9ZFJJFDF\   VFJ[K[S[VFRFI'zL4 V[DPOLPSC\WZ VF8";   VG[S\WD;"
SM,|H4H; N6 TZOYL H|GvZ_!! YL p5ZGL IJUT[IJGI G IJnFXFBFG\TYF JFI6HI
IJnFXFBFG\ RF,] H\WOF6 I|]GJI;'8LV[TYF :YFIGS T5F; ; IDITV[D|S[,   H\WOF6GL
XZT\WG\ 5IZ5F,G TFP #_v(vZ_!!;\WLDF\ SZ[T\W TFP!5v&vZ_!!   YL
TFP! $v&vZ_!Z ;\WLG\ V[S JOFFG\RF,] H\WOF6 VF5JF I; IgOS|8G[E, FD6 SZJLP

sG\WWov p5I|ST SM,|HGL H\WOF6 VZÒ TYF T[5ZtJ[GM :YFGLS T5F; ; IDTL GM
VC[JF, VF; FY[5IZIX08 cc!!&cc TZLS[; FD[, K|Pf

VFRFI'zL4 J\NFJG S[/J6L D0/ ; [RFI, T zL VH|G VF8";   VG[ALPV[; POA<I] SM,|H4 ; |5F; L
TZOYL H|G Z_!_ YL GLR|GL IJUT[RF,] H\WOF6 DF8[VFJ[, VZÒ TYF T[5ZtJ[GF :YFGLS
T5F; ; IDTL GF VC[JF, 5Z IJRFZ6F SZJF AFAT

H\WOF6GL IJUTov
IJGI G IJnFXFBF sRF,] H\WOF6f
ALPV[PsD|b] qUF6f   ; DFHXF:+4 VUJO4 ICgNL4 . ITCF; 4 U|HZFTL4 VYXF:+4 ; \ST4
DGWJJ7FG
ALPV[; POA<I]P 5NJLGF VelF; SÐ

GWWov   :YFGLS T5F;   ; IDTL GF ; elzLV\WGM TFP!(v*vZ_!! GM VC[JF,
        TFPZZv*vZ_!! GF Z\WH V+[D/[, K|P RF,] H\WOF6 VF5JF E, FD6 SZ[, K|P

        VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI'zL4 J\NFJG S[/J6L D0/ ; [RFI, T zL VH|G
VF8";   VG[ALPV[; POA<I] SM,|H4 ; |5F; L TZOYL   VFJ[, H\WOF6 VZÒ 5ZtJ[
H|GvZ_! _YL p5ZGL IJUT[IJGI G IJnFXFBFG\RF,] H\WOF6 I|]GJI;'8LV[TYF :YFIGS
T5F; ; IDITV[D|S[,   H\WOF6GL XZT\WGF 5IZ5F,GGG[VFIWG TFP!5v&vZ_! _ YL
TFP! $v&vZ_!! ;\WLG\ V[S JOFFG\RF,] H\WOF6 VF5JF I; IgOS|8G[E, FD6 SZJLP

sG\WWov p5I|ST SM,|HGL H\WOF6 VZÒ TYF T[5ZtJ[GM :YFGLS T5F; ; IDTL GM
VC[JF, VF; FY[5IZIX08 cc!!*cc TZLS[; FD[, K|Pf

VFRFI'zL4 ; F|ZF08=V|HI|S|XG 8÷8 ; [RFI, T zLDTL H|PV[GPEF8|IX1F6 DCFIJnF, I4 H|GFU-
TZOYL H|G Z_!_ YL GLR|GL IJUT[RF,] H\WOF6 DF8|VFJ[, VZÒ TYF T[5ZtJ[GF :YFGLS
T5F; ; IDTL GF VC[JF, 5Z IJRFZ6F SZJF AFAT

H\WOF6GL IJUTov
IX1F6 IJnFXFBFsRF,] H\WOF6f
ALPV[DP5NJLGF VelF; SÐ

GMMov   :YFGLS T5F; ; IDTL GF ; eI zLVMGM VC[JF, TFP!)v*vZ_!! GF ZMH V+[
         D/[, KP RF,]HMOF6 VF5JF E, FD6 SZ[, KP

         VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI"zL4 ; F[ZF08=V[HI[SXG 8÷8 ; RFI, T zLDTL
HPV[GPEF8] IX1F6 DCFIJnF, I4 H[GFU- TZOYL VFJ[, HMOF6 VZÒ 5ZtJ[
H[GvZ_! _YL p5ZGL IJUT[IX1F6 IJnFXFBFG\ RF,]HMOF6 I[GJI; '8LV[TYF :YFIGS
T5F; ; IDITV[D[S[,   HMOF6GL XZTMGF 5IZ5F, GG[VFIWG TFP! 5v&vZ_! _ YL
TFP! $v&vZ_!! ; WLG[\ V[S JQFG\RF,]HMOF6 VF5JF I; IgOSBG[E, FD6 SZJLP

sGMMov p5I[ST SM,HGL HMOF6 VZÒ TYF T[5ZtJ[GM :YFGLS T5F; ; IDTL GM
VC[JF, VF ; FY[5IZIX08 cc!! (cc TZLS[; FD[, KPf

VFRFI"zL4 58[, IJnFYL"VFzD ; RFI, T zL OLPV[DP58[, SM,H VMO OLhLI MY[ZF5L4 VDZ[, L
TZOYL H[G Z_!! YL GLR[GL IJUT[RF,]HMOF6 DF8[VFJ[, VZÒ TYF T[5ZtJ[GF :YFGLS
T5F; ; IDTL GF VC[JF, 5Z IJRFZ6F SZJF AFAT

HMOF6GL IJUTov
TALAL IJnFXFBFsRF,]JWFZFFG\HMOF6f
5[YD JQF"OlhIIMY[ZF5L GF VelF; SÐ sRF,]HMOF6f
I£TLI JQF"OlhIIMY[ZF5LGF VelF; SÐ sJWFZFFG\HMOF6f

GMMov   :YFGLS T5F;   ; IDTL GF ; eI zLVMGM TFP! (v&vZ_!! GM VC[JF,
          TFPZ! v&vZ_!! GF ZMH V+[D/[, KP RF,]qJWFZFFG\HMOF6 VF5JF E, FD6
          SZ[, KP

         VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI"zL4 58[, IJnFYL" VFzD ; RFI, T zL
OLPV[DP58[, SM,H VMO OLhLI MY[ZF5L4 VDZ[, L TZOYL H[GvZ_!! YL p5ZGL IJUT[
TALAL IJnFXFBFG\RF,] TYF JWFZFFG\ HMOF6 I[GJI; '8LV[TYF :YFIGS T5F; ; IDTV[
D[S[,   HMOF6GL XZTMGF\5IZ5F, G TFP #_v (vZ_!! ; WLDF\SZ[TM TFP! 5v&vZ_!!
YL TFP! $v&vZ_! Z ; WLG[\ V[S JQFG\RF,] TYF JWFZFFG\HMOF6 VF5JF I; IgOSBG[
E, FD6 SZJLP
sGMMov p5I[ST SM,HGL HMOF6 VZÒ TYF T[5ZtJ[GM :YFGLS T5F; ; IDTL GM
VC[JF, VF ; FY[5IZIX08 cc!!)cc TZLS[; FD[, KPf

VFRFI"zL4 GJIIU V[HI[SXG 8÷8 ; RFI, T; JMNI SM,H VMO ; FIg; V[JO 8[SGM, MÒ4
ZFHSM8 TZOYL H[G Z_!! YL GLR[GL IJUT[RF,]HMOF6 DF8[VFJ[, VZÒ TYF T[5ZtJ[GF
:YFGLS T5F; ; IDTL GF VC[JF, 5Z IJRFZ6F SZJF AFAT

HMOF6GL IJUTοv
IJ7FG IJnFXFBF sRF,]HMOF6f
ALPV[; P; LP sD]ɔI f   AFI M 8ŞGM, MÒ4 DF. SĦAFI M, MÒ4 S]Ɖ[:8Ľ
          UF[6   AM8GL4 h], MÒ4OLhLS;

GMWοv   :YFGLS   T5F;   ; IDTL   GF   ; eI zLVMGM   TFP5v5vZ_! !   GM   VC]JF,
     TFP! (v*vZ_! ! GF ZMH V+[D/[, KP RF,]HMOF6 VF5JF E, FD6 SZ[, KP

          VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI "zL4 GJI]U V]HI]ŞXG 8÷8 ; RFI, T; JMNI
SM, H VMO ; FI g;   V]ɡO 8ŞGM, MÒ4 ZFHSM8 TZOYL H]GvZ_! ! YL p5ZGL IJUT[
IJ7FG IJnFXFBFG\ RF,] HMOF6 I]iGJI; 8LV[TYF :YFIGS T5F;   ; IDITV[D]Ş[,
HMOF6GL XZTMG\ 5IZ5F, G TFP #_v(vZ_! ! ;]WLDF\ SZ[TM TFP! 5v&vZ_! ! YL
TFP! $v&vZ_! Z ;]WLGF\ V]Ş JQFG\ RF,]HMOF6 VF5JF I; IgOS]BG[E, FD6 SZJLP

sGMWοv p5I]ŞT SM, HGL HMOF6 VZÒ TYF T[5ZtJ]GM :YFGLS T5F; ; IDTL GM
VC]JF, VF ; FY[5IZIX08 cc! Z_cc TZLS[; FD[, KPf

! #$ VFRFI "zL4   zL EUJT I; 'CÒ R]ZL8[A, 8÷8 ; RFI, T zL VZJLNM ALPV]ɖPSM, H4 ZFHSM8
HMOF6   TZOYL H]G Z_! ! YL GLR]GL IJUT[SFI DL HMOF6 DF8[VFJ[[, VZÒ TYF T[5ZtJ]GF :YFGLS
          T5F; ; IDTL GF VC]JF, 5Z IJRFZ6F SZJF AFAT

HMOF6GL IJUTοv
IX1F6 IJnFXFBF sSFI DL HMOF6f
ALPV]ɖP5NJLGF VeI F; ; SÐ

GMWοv   :YFGLS   T5F;   ; IDTL   GF   ; eI zLVMGM   TFP! (v*vZ_! !   GM   VC]JF,
     TFPZ_v*vZ_! ! GF ZMH V+[D/[, KP RF,]HMOF6 VF5JF E, FD6 SZ[, KP

          VFYL 9ZFJJFDF\ VFJ[K[S[VFRFI "zL4 zL EUJT I; 'CÒ R]ZL8[A, 8÷8 ; RFI, T
zL VZJLNM ALPV]ɖPSM, H4 ZFHSM8 TZOYL H]GvZ_! ! YL p5ZGL IJUT[IX1F6
IJnFXFBFG\ SFI DL HMOF6 GCL\ VF5TF RF,] HMOF6 I]iGJI; 8LV[TYF :YFIGS T5F;;
; IDITV[D]Ş[,   HMOF6GL XZTMG\ 5IZ5F, G TFP #_v(vZ_! ! ;]WLDF\ SZ[TM
TFP! 5v&vZ_! ! YL TFP! $v&vZ_! Z   ;]WLGF\ V]Ş JQFG\ RF,] HMOF6 VF5JF
I; IgOS]BG[E, FD6 SZJLP

sGMWοv p5I]ŞT SM, HGL HMOF6 VZÒ TYF T[5ZtJ]GM :YFGLS T5F; ; IDTL GM
VC]JF, VF ; FY[5IZIX08 cc! Z! cc TZLS[; FD[, KPf

!#5
HMOF6

VFRFI"zL4 zL CZIJNGF VHIŞXG 8÷8 ; RFI, T zL CZIJNGF SM, H4 DHSF TZOYL HG Z_!! YL GLRGL IJUT[SFI DL HMOF6 DF8[VFJ[, VZÒ TYF T[5ZtJGF :YFGLS T5F; ; IDTL GF VCIJF, 5Z IJRFZ6F SZJF AFAT

HMOF6GL IJUTov
IJ7FG IJnFXFBF sSFI DL HMOF6f
ALP; LPVP5NJLGF VeI F; SÐ
ALPV[; P; LPVF. P8LP 5NJLGF VeI F; SÐ
5LPÒPOLP; LPVP5NJLGF VeI F; SÐ
DGHDĝ8 IJnFXFBF sSFI DL HMOF6f
ALPALPVP 5NJLGF VeI F; SÐ
IX1F6 IJnFXFBF sSFI DL HMOF6f
ALPVPP5NJLGF VeI F; SÐ

GMWov   s!f   :YFGLS T5F; ; IDTL GF ; eI zLVMGM TFP! $v5vZ_!! GM VCIJF, TFPZ_v5vZ_!! GF ZMH V+[D/[, KP :YFGLS T5F; ; IDTL V[SFI DL HMOF6 VF5JF E, FD6 SZ[, KP

        sZf   :YFGLS T5F; ; IDTL V[5YD J0F"ALPSMDP45YD J0F"ALPV[; POA<IP VG[5YD J0F"ALPVPG\GJ]HMOF6 VF5JF E, FD6 SZ[, KP

        s#f   :YFGLS T5F; ; IDTL GF IGD6Ş 5+DF\GJF VeI F; SÐq GJL IJnFXFBFGL E, FD6 SZJFGL ZC[TL GYL TID H6FJ[, KP

        s$f   I; gOLSŞGL TFPZ&v$vZ_!! GL ; EFGF 9ZFJYL GJL SM,H4 ; \uG SM, HMDF\GJL IJnFXFBFGF GJF HMOF6 JQF"Z_!! qZ_!Z YL VF5JF ; NE[IGO SID8LGL ZRGF SZJF 9ZFJ[, KP

        VFYL 9ZFJJFDF\ VFJ[K[S[p5ZMŞT AFAT SFI DL HMOF6 V[U[IGIŞT YI[, SIDI8GF VCIJF, VFjI F AFN IJRFZ6F SZJLP

sGMWov p5I[ŞT SM, HGL HMOF6 VZÒ TYF T[5ZtJGM :YFGLS T5F; ; IDTL GM VCIJF, VF ; FY[5IZIX08 cc! ZZcc TZLS[; FD[, KPf

!#&
VȘ0IDS

5ZOMIDU VF8"; IJnFXFBFGL TFPZ! v*vZ_!! GL ; EFGL GLRGL E, FD6 5Z IJRFZ6F SZJF AFAT

OȘ<8L VMO 5ZOMIDU VF8"; GL ZRGF YTF 5NJLNFG ; DFZ\E ; DI[IJnFYL"VM TYF OLGzL G[5C[ZJFGF YTF VMUZSM84 N[5îM IJUZ[GM S, Z EUJM ZFBJM HM. V[T[U] ; RG KP SFZ6S[t|FU4 ; D5'64 7FG4 T54 ; FWGF4 VFwI F|tDS VG[; \SITGM ZU EUJM KPDF8[OȘ<8L DF8[EUJM ZU 5; N SZJFGL VFYL VȘ0IDS SF|plg; , G[E, FD6 SZJFDF\VFJ[KP

VFYL 9ZFJJDF\ VFJ[K[S[p5I]ST 5ZOMID'U VF8";   IJnFXFBFGL
TFPZ! v*vZ_!! GL ; EFGL p5I]ST E, FD6 DHJZ SZJF I; IgOS]BG[E, FD6 SZJLP

; EFGF V\TDF\ I5P OF}P AFG}IG WSF6[K JQF" ; JWL   BJA H ; CSFZ VG[
; D[/EIF"JFTFJZ6DF\SFI"SZJF AN, DFGP S], 5ITzL OF}P SD, X[EF. HMQFL5]ZF ; FC}A
5]IT TDFD ; e IMJTL VFEFZGL , FU6L jIST SZL CTLP

V\TDF\ VwI1FzLGM VFEFZ DFGL ; EFG\SFDSFH 56"'SZJFDF\VFjIIP

GPV[; Lq5! 5 q Z_!!   S], ; IRJ
; FZF08=I]]GJI ;'8L SFIF", I 4
I]]GJI ;'8L S]5; 4
I]]GJI ;'8L ZM04
ZF H SM 8P
TFPZ) q * q Z_!!

5]IT4
V]S}[DS SFplg; , GF TYF I; IgOS]BGF ; J[; e I zLVMJ TZOPPPPP

GS, ; FNZov
s! f   DFGP S], 5ITzLGFq DFGP p5S], 5ITzLGFq S], ; IRJzLGF V'UT ; IRJzL
sZf   5ZL1FF IGI FDSzL
s#f   HMQF6 IJEFU
s$f   S]X IJEFU
s5f   5LPÒPIJEFU