

: Y`gYb`]b`; YZU\f. '9I dYfhYb`k UfbYb`j cf 6fUbXZc`[Yb`]a '9`VgUbXghY]b[YV]f[Y

8 Ug'; Yc`c[YbhYUa 'XYf'HI ': fY]VYf['i bhYfgi W\h'6fUbXZc`[Yb]b'XYf'GÀW\g]gW\Yb'i bX'6Ò\a]gW\Yb'GW\kY]n'ni f GhUbXg]W\Yf\Y]h'j cb': Y`gYb"



Ni gUa a Yb'a]h'XYf'?Uf'gi b]j Yfg]hÀh'DfU['k i fXY'Ui W\'XYf']bhYfbY

5i ZVUi 'j cb': Y`gYb'i bhYfgi W\hž']bgVYgcbXYfY'Ua 'K Y\`hi fa 'XYf : Y`gYbVØ\bY'F Uh\Yb''8]YgY': cfgW\i b[gdfc Y_hY'k YfXYb'Xi fW\Y]bY'?ccdYfUh]cb'a]h'XYf'< HK '8 fYgXYb'Yf[\(\hat{A}bnh\ti'VY\)'XYf A UggYbVYk Y[i b[Yb\ti'+\ti'Zf\Ughfi _hi f[YZ\hat{A}\fXi b[Yb'i bX'X]Y GhUbXg]\W\Yf\Y]h'j cb'6\QgW\i b[Yb']a '? Ui _Ugi g'i bhYf'X]Y'@i dY [Ybca a Yb'k YfXYb''8]Y'[YgUa a Y`hYb'8 UhYb'Z]Y\'Yb']b'Y]b ; Yc]bZcfa Uh]cbggmghYa 'fl =\G\ti'Y]b\ti'XUg'ni f'9bhk]\W_\i b['j cb G]\W\Yfi b[g_cbnYdhYb'X]Ybh''

6fUbXj Yfgi WXY i bX; YchYWXb]gWXY A cXY``Y

9]b VYgcbXYfYg 5i [Yba Yf_'`]Y[h'Ui Z'XYa 'Dfc Y_h' :]fYf]g_ ž'XUg g]W a]h'b]W h'Xi fW ZYgh][hYb 'GUbXghY]bZY`gYb ']a

9`VgUbXghY]b[YV]f[Y'VYgW ÀZh][h'' 8]YgY : Y`gYb 'k Y]gYb 'Y]bY 'ZYghY
GUbXghY]b\Ø``Y' i bX'Y]b '`cgYg 'GUbX]bbYfY 'Ui Zž'XcW 'g]bX'V]g`Ub[bi f'k Yb][Y'?Ybbhb]ggY 'ØVYf'XYfYb '5 i ZVUi 'i bX'J YfVfY]hi b[VY_Ubbh'' I a 'X]Y a UhYf]U`_i bX`]W Yb '9][YbgW UZhYb 'XYg
GUbXghY]bg 'ni 'VYgh]a a Ybž'k YfXYb '[fc * a U * ghÀV`]WXY
6fUbXj Yfgi W Y a]h'i bhYfgW]YX`]WXYb 'HYa dYfUhi fYb 'i bX
NY]hXUi Yfb 'Xi fW [YZØ\fh' 8]Y 'XUfUi g'[Yk cbbYbYb '9f[YVb]ggY
g]bX 'YbhgWXY]XYbX 'ZØf'X]Y '9fghY``i b['[YchYWXb]gWXYf
6fUbXa cXY``Yž'X]Y 'XUg'J Yf\U`hYb'j cb': Y`gYb'i bX 'GWXi hh[Àb[Yb i bHYf'j YfgWX]YXYbYb'6fUbXgnYbUf]Yb 'VYfYWXbYb'_ObbYb''

#55bVYhfUW\h'XYf'F]g]_Ybž'X]Y'j cb'A UggYbVYk Y[ib[YbUig[Y\Ybž']gh'XYf'8c_ia YbhUh]cb'XYg'5ig[Ub[gnighUbXg'ibXXYf'JYfÀbXYfib[Yb'jcb': Y`gk ÀbXYb']b'[YZÀ\fXYhYb'; YV]YhYbgck]Y'XYf'6YifhY]`ib['XYf'; YZÀ\fXib['XifW\'9IdYfhYbVygcbXYfY'6YXYihib['VY][YaYggYb"'8]Y'; Yc`c[]Y'GUW\gYbYadZ]Y\`h'AU» bU\aYb'k]Y'XUg'5VgUaaY`b'UV[YghØfnhYf'GhY]bYjcb'VY[Y\VUfYb'<Àb[Yb'ibX'X]Y'DZ'Ubnib['jcbGhY]bW\`u[gW\ihn[Y\O`nYb'nif'6fYagib['\YfUVZU``YbXYf'GhY]bY"

J cfgcf[Ya U» bU\a Yb i bX =b[Yb]Yi f[Yc`c[]gWX Y I bhYfgi WXi b[Yb

6Y] BYi VUi hYb]b [YZÀ\fXYhYb 6YfY]WXYb gc ``hY J cfg]WX h k U `hYb"

9]bZUWXY'VUi `]WXY'A U» bU\a Yb'Ub'; YVÀi XYb'g]bX'Ui Z[fi bX'XYf [fc» Yb'VYk Y[YbXYb'A UggYb'c Zh'b]WXh'Ui gfY]WXYbX"

\[
\dag{b}[Yb]Yi f[Yc`c[]gWXY'8YhU]`i bhYfgi WXi b[Yb'g]bX'YfZcfXYf`]WX\tilde{z} i a 'X]Y'; YZÀ\fXi b[gg]hi Uh]cb'dfÀn]gY'UVni gWXÀhnYb"'6Y]

j Yff]b[YfhYf'GhY]bgWX`U[[YZÀ\fXi b['g]bX'Jcfgcf[Ya U» bU\a Yb k]Y'X]Y'a Ugg]j Y'6Ui Ui gZØ\fi b['XYf'\Ub[gY]h][Yb'K UbX'i bX'XYg 8UWXYg'qck]Y'X]Y'FYXi n]Yfi b['XYf': YbghYfUbnU\`'Ya dZc\`Yb"

 $8 \ Uf \emptyset V Y f' \setminus]b \ Ui \ g' _ Ob \ b Y b' [Y n] Y `h Y `G W i \ hnn Ai \ b Y `i \ b h Y f \setminus U` V 'j \ c b : Y `g k \ Ab X Y b `i \ b X `Y]b Y `[Y Y][\ b Y h Y '; Y `Ab X Y a \ c X Y ``] Y fi \ b [`Xi f W \ 5 V `Y]h! `c X Y f' 5 i \ Z Z U b [k \ A`` Y `X] Y `G] W X Y f \ Y]h `Y f \ O\ Y b " `9] b Y `8 f \ A b U [Y j \ c b `f i \ hg W i \ b [g [Y Z \ A \ f X Y h Y b ' < \ A b [Y b ' _ U b b ' Y V Y b Z U `` g' n i \ f `G h U V]`]h \ A h \ V Y]h f U [Y b " 8] Y `D Z Y [Y `Y] b Y g `G W i \ hn k \ U` X Y g'] a ` < U b [`X] Y b h' X Y f \ J Y f \] b X Y f i \ b [`Z U W [f Ø b X] [Y f' F i \ hg W i \ b [Y b ' i \ b X ' < U b [U b V f Ø W X Y " \]$

5b[Yg]Wkhg'XYf'ni bY\a YbXYb'9l hfYa k YhhYfYfY][b]ggY'i bX'XYf X]WkhYb'6Yg]YXY'i b[']b'; YV]f[Yb'Yf'Ài hYfh'XUg'Dfc'Y_h'; YcF]G GhfUhY[]Yb'ni f', VYfk UWki b['j cb'ghY]bgWk'U[[YZÀ\fXYhYb : Y`g\Àb[Yb''<cWkUi Z'ÒgYbXY'd\chc[fUa a Yhf]gWkY A Yggj YfZU\fYb'gd]Y`Yb'XUVY]'Y]bY'nYbhfU`Y'Fc``Yž'i a 'X]Y GhUbXg]WkYf\Y]hgYbhk]W_`i b['ni 'ØVYfk UWkYb''

8 Y hU]`g	
JcfZU``	6fUbXgh]Zhi b[
I fgUWX Y	91 hfYa Y'K YhhYfYfY][b]ggY
Cfh	:fY]VYf[ž8YihgWX`UbX
EiY``Yb	hi !ZfY]VYf["XY
	• k k k "[Yc`c[]Y"gUW\ gYb"XY

8 Y hU]`g	
	dc``i I !Z]X"XY

6 Ygi WX Yb 'G]Y 'i bg 'Ui Z. 'b!U["XY