

6Ui UfVY]hYb^]b^XYf^FY[]cb. : U\fd`UbÀbXYfi b[Yb^ZØf^A 9L%- ž^A 9L-\$ i bX^F9-\$°

: U\fd`UbÀbXYfi b[Yb']a 'FYa g!A i ff!?fY]g. '6Ui UfVY]hYb'Ua A 9L%- ž'A 9L - \$'i bX'F9- \$'j ca '%) "!&&"'\\ b]'&\\$\&\) "'8YhU]`g'ni I a `Y]hi b[Yb'i bX'9fgUhnj Yf_Y\f"



 $6 UX \cdot 7 Ub b ghUhhž \cdot 8 Yi hgWX \cdot Ub X \cdot ! = b \cdot XYf \cdot F Y[] cb \cdot ghY \setminus Yb \cdot UV \cdot XYa$ %) " $\cdot \Rightarrow b$ | $\cdot & \$ & \&$ | $\cdot Z \varnothing f \cdot Y$ | $b Y \cdot K$ | $c W Y \cdot i$ | $a Z U b [f Y] W Y \cdot : U \setminus f d \cdot Ub A b X Y f i | b [Y b Ub Z \cdot X] Y \cdot] b g V Y g c b X Y f Y \cdot X] Y \cdot @] b] Y b \cdot A 9 L & Z \cdot A 9 L - $ i | b X \cdot F 9 - $ V Y h f Y Z Z Y b " K] Y \cdot NJ K \ V Y f] W \ h Y h Z \ K \ Y f X Y b \ X] Y g Y \ 'Y b X Y f i | b [Y b Ui Z[f i | b X \cdot j | cb \cdot 6 Ui | Uf V Y] h Y b \cdot nk] g W Y b \cdot 6 U X \cdot 7 Ub b g h U h h i | b X \ 6 U W_b U b [\ i g c k] Y \cdot nk] g W Y b \cdot G h i | h h [Uf h i | b X \cdot G W X | A V] g W \cdot < U \cdot ` b c h k Y b X] [" \ 8] Y \cdot A 9 L \ - k] f X \] b \ X] Y g Y a \ N Y] h f U i | a \ ``Y X] [\ `] W \ nk] g W Y b \ G h i | h h [Uf h < U i | d h V U \ b \ c Z \ i | b X \ 6 U W_b U b [\ j \ Y f_Y \ f Y b Z \ X U X] Y \ < U \ h Y \] b \ 6 U X \ 7 U b b g h U h h k Y] h [Y \ Y b X \ Y b h Z U \ ``Y b "$

 $: \varnothing f^*X]Y^*A 9L - \$^*ZU^*Yb^*YVYbZU^*g^*nU^*fY]WXY^* < U^*hY^*k Y[\check{z}^*YXcWX^*g]bX$

6Ui UfVY]hYb Ub XYf GhUXhVU\b \]b]Y I +

Ni gÀhn`]W\`ni `XYb`ŸbXYfi b[Yb`VY]`XYb`FY[]cbU`!`i bX`G! 6U\bj YfV]bXi b[Yb`k]fX`Ui W\`X]Y`GhUXhVU\b`]b]Y`I +`VYhfcZZYb gY]b"`J ca `+"`V]g`%) " \Rightarrow b]`&\$&) `k]fX`X]Y`I +`Ui Z[fi bX`j cb ; `Y]gVUi UfVY]hYb`nk]gW\Yb`CghZ]`XYfb`BY``]b[Yb`i bX Gi hhbYfghfU»Y`Ub[YdUgghž'k]Y`J J G`a]hhY]`h"` \Rightarrow `X]YgYa `NY]hfUi a YbXYh`X]Y`I +`Ub`XYf`<U`hYghY``Y`Gi hhbYfghfU»Yži bX`XYf`5VgW\b]hh V]g`A ÒbW\ZY`X`k]fX`b]W\h`a Y\f`VYX]Ybh"

 $: \varnothing f'X]YgY'@]b]Y'k i fXY'Y]b'9fgUhnj Yf_Y\f'a]h'6i ggYb'XYf'@]b]Y'l +9 Y]b[Yf]Wk hYh''8]YgY'6i ggY'j Yf_Y\fYb'nk]gWkYb'<]a a Y`g`Y]hYf'i bX A ObWk ZY`X'i bX'V]YhYb'Y]bY'k]Wk h][Y'J YfV]bXi b['k À\fYbX'XYf 6Ui UfVY]hYb''8]Y'<U'hYghY``Yb': fY]VYf['i bX'A ObWk ZY`X'k YfXYb XUVY]'b]Wk h'Ub[YZU\fYb''8]Y'FY]gYbXYb'gc``hYb'Ui "YfXYa VYUWk hYbž'XUgg'X]Y'6U\bYb'XYf'@]b]Y'l +'j cb'BY``]b[Yb'CghZ]`XYfb fY[i `Àf'ZU\fYbž'k cVY]'ni 'XYb'<Ui dhj Yf_Y\fgnY]hYb'Ui Wk 6YgcbXYf\Y]hYb'VY]a '9]bgh]Y['i bX'5i ggh]Y['Ub'XYf'<U'hYghY``Y Gi hhbYfghfU"Y'ni 'VYUWk hYb'g]bX''$

$K \]WX h][Y <]bk Y]gY ZØf : U f[AghY]$

8]Y'U_hi Y``Yb'ŸbXYfi b[Yb'V]YhYb'Ui Z[fi bX'XYf'6Ui UfVY]hYb'Ui W\
5b`Uggž'XYb'JYf_Y\f'i a ZUggYbX'ni 'ØVYfdfØZYb'i bX
[Y[YVYbYbZU``g'Ubni dUggYb"'5i g'X]YgYa '; fi bX'k]fX'Ya dZc\`Ybž
VYqcbXYfg']b'XYb'VYhfcZZYbYb'NY]hfÀi a Yb'U_hi Y``Y'\=bZcfa Uh]cbYb

ni `XYb`: U\fd`ÀbYb`Y]bni \c`Yb"'8]Y`YbhgdfYW\YbXYb

5bdUggi b[Yb`_ObbYb`Ui W\`Ui Z`K YVgY]hYb`k]Y`J; B`bUW\[Y`YgYb
k YfXYbž'k c`ni XYa `\div Zcfa Uh]cbYb`ØVYf`7cc_]Yg`i bX`XYfYb

J Yfk YbXi b[`VYfY]h[YghY``h`k YfXYb"'8]YgY`ghUh]gh]gW\Yb`8UhYb

Yfa O[`]W\Yb`Y]bY`VYggYfY`5i gk Yfhi b[`XYg`Bi hnYfj Yf\U`hYbg`ni f
J YfVYggYfi b[`XYf`Ub[YVchYbYb`8]YbghY"

8 YhU]`g	
I fgUWX Y	; `Y]gVUi UfVY]hYb
Cfh	6UX:7UbbghUhhž:8YihgWX:UbX
Ei Y``Yb	• k k k "nj k "XY
	• k k k "j j g"XY
	• k k k "j [b"XY

6Ygi WXYb G]Y i bg Ui Z b!U["bYh