

8fUa U`]b`Hfc]gXcfZ.`K UgWka UgWk]bY`]a ?Y``Yf``Ògh'; fc»Y]bgUhn`XYf': Yi Yfk Y\f Ui g°



a '?]fWk hU`ž')', (\$'Hfc]gXcfZž'8Yi hgWk`UbX'!'5a
GcbbhU[UVYbXž'XYa '-"'> b]'&\$&) ž'k i fXYb'X]Y': Yi Yfk Y\f_fÀZhY']b
Hfc]gXcfZ'ni 'Y]bYa 'VfYbn`][Yb'9]bgUhn'[Yfi ZYb"'?i fn'bUWk'&&'I \f
a Y`XYhYb'5bk c\bYf'Y]bYb'6fUbX']b'Y]bYa 'Nk Y]ZUa]`]Yb\Ui g'Ub
XYf'GhfU» Y'=a '?]fWkhU`"'8]Y'6Yk c\bYf'\UhhYb'XUg'; YVÀi XY
VYfY]hg'j Yf`UggYb'i bX'k UfhYhYb'Ui Z'X]Y'9]bgUhn_fÀZhY'XYf
: Yi Yfk Y\f"'=bg[YgUa h'k UfYb'Yhk U'(\$': Yi Yfk Y\f`Yi hY'j cf'Cfhž
X]Y'fUgWk'ni f'GhY``Y'k UfYbž'bUWkXYa 'nU\`fY]WkY'Bchfi ZY
Y]b[Y[Ub[Yb'k UfYb"

9]b·5b[f]ZZghfiddibhYf·5hYagWihn·giWkhY·XYb·?Y``Yf·UiZibX

YbhXYW_hY`Xcfh`Y]bY`VfYbbYbXY`K UgW\a UgW\]bY"\8 Ug`: Yi Yf _cbbhY`nØ[][`[Y`ÒgW\h'k YfXYbž'k cXi fW\"[fÒ» YfY`GW\ÀXYb j Yfa]YXYb`k i fXYb"\9]bgUhn`Y]hYf`6fUbXcVYf]bgdY_hcf`8 Uj]X GdUfUW]bc`cfXbYhY`XYb`9]bgUhn`j cb`nk Y]`<cW\Xfi W_`ØZhYfb`Ubž i a `XYb`Ui Z[YhfYhYbYb`F Ui W\"Ui g`XYa `; YVÀi XY`ni `VYZÒfXYfb" Hfchn`XYg`gW\bY``Yb`9]b[fY]ZYbg`k i fXYb`X]Y`K c\bfÀi a Y`XYg < Ui gYg`i bVYk c\bVUfž'i bX`X]Y`VYhfcZZYbYb`: Ua]`]Yb`ZUbXYb j cfØVYf[Y\YbXY`I bhYf_ØbZhY`VY]`6Y_UbbhYb"

Ni gUa a Yb\Ub[a]hY]bYa kY]hYfYb 6fUbX

Nk Y] Ghi bXYb ni j cfž [Y[Yb %\$ I \fž k Uf Y]b k Y]hYfYf 6fUbX]b

Hfc]gXcfZ [Ya Y XYh k cfXYb" +b Y]bYa @U[Yfd \ Uhn]a \ GhUXhhY] \
C VYf \ Uf \ Vf Ub bhY b \ Ub Y]b Ub XYf [YfY]\ hY \ D \ Ugh]_! Hc] \ YhhY b \ Z i \ b X \ XUg

: Yi Yf \ gW \ i [a YhYf\c W]b \ X]Y < \ O\Y" \ 5 i \ Z[fi \ b X \ XYf \ ghUf_Y b

F Ui W \ Yb hk]W_ \ i \ b [\ VYf] W \ hYhY b \ j]Y \ Y \ 5 b fi \ ZYf \ j \ c b \ Y]bYf

h]Y \ ZgW k \ UfnY b \ F Ui \ W \ g\ A i \ Y \ Z \ X]Y \ k \ Y]h \ ni \ \ gY\ Y b \ k \ Uf" \ 8]Y \ : Yi \ Yfk \ Y\f

k \ Uf \ Ui \ W \ \ \]Yf [Y \ ZcfXYfh\ Z i \ a \ ni \ j \ Yf\]b XYfb \ Z \ XUgg \ XUg \ XUg \ XUg \ XUg \ XUg \ Y \ Y i \ Yf \ Yf \ V \

k \ Uf \ Yb \ b \ Oh][\ Z i \ a \ XYb \ 6 f \ Ub X \ Z \ XYf \ Y]bY \ : \ \ AW Y \ j \ c b \ %) \\$

E i \ UXf \ Uha \ YhYfb \ Yf \ ZUgghY \ Z i \ bhYf \ ? \ c bhfc \ ``Y \ ni \ Vf]b [Yb " \ B \ UW \ XYb \
@OgW \ Uf \ VY]hY b \ k \ i \ f XY \ XYf \ 6 YfY] \ W \ a \]h \ GW \ Ui \ a \ [YZi \ hYh\ Z i \ a \ Yj \ Ybhi \ Y`Y \ ; \ `i \ hb YghYf \ UVni \ `\ OgW \ Yb"

 $8] Y `9fa] hh`i b [Yb `Ua `A cbhU[j cfa] hhU[`Yf[UVYb `V]g \ Yf'_Y]b Y \\ _`UfY `6fUb Xi fg UW Y " `9g`k] f X `Y X c W `b] W h`Ui g [Yg W `cgg Yb ž X Ugg h Y W \ b] g W Y `8 Y Z Y _ h Y `c X Y f 'j cfg A h n`] W Y `6fUb X g h] Zhi b [`ni `X Y b J c f Z A ``Y b `[Y Z Ø \ f h `\ UV Y b " : Ø f `X] Y `K c \ b W c b h U] b Y f `k] f X `Y] b G W UX Y b `j c b `%) $"$$$ "V] g `& $$"$$$ "9 i f c `[Yg W A h h h " ; `Ø W_`] W Y f k Y] g Y `[UV `Yg `V Y] `V Y] X Y b `6f A b X Y b `_Y] b Y `j Y f `Y h n h Y b D Y f g c b Y b "$

6fUbXghUh]gh]_ i bX DfAj Ybh]cbga U» bU\a Yb

8]Y'9fY][b]ggY']b'Hfc]gXcfZ'j YfXYi h`]W\Yb'Y]ba U``a Y\f'X]Y
K]W\h][_Y]h'j cb'6fUbXgW\i hn'i bX'Df\haj Ybh]cbga U\\\ bU\\\ a Yb'''@Ui h
XYa ': Yi YfHfi hn']gh'Y]bY'i a ZUggYbXY'i bX'Y]b\Y]h`]W\Y
6fUbXghUh]gh]_']b'8Yi hgW\`UbX'b]W\\\\ h'j cf\UbXYb'''FY[Y`a \hat{A}\\\][Y

5_hi U`]g]Yfi b[Yb'i bX'GhUh]gh]_Yb'ni '6fUbXi fgUWXYb'_ÒbbhYb'ni f JYfVYggYfi b['XYg'6fUbXgWXi hnYg'YbhgWXY]XYbX'VY]hfU[Yb"'CZh g]bX'hYWXb]gWXY'8YZY_hYž'k]Y'a Ò[`]WXYfkY]gY']a ': U```XYf K UgWXa UgWX]bYžY]bY'XYf'\Ài Z][ghYb'6fUbXi fgUWXYb"

9]b'[Yn]Y`hYg'Acb]hcf]b['ibX'ghYh][Y'KY]hYfV]`Xib['XYf
9]bgUhn_fÀZhY'g]bX'ibYf`Àgg`]W\ž'ia'X]Y'G]W\Yf\Y]h'ZØf'U``Y'ni
[YkÀ\f`Y]ghYb"'8]Y'jcf`]Y[YbXYb'6fUbXYfY][b]ggY'VYghÀh][Yb'X]Y
FY`YjUbn'X]YgYf'cZZYbg]jYb'<YfUb[Y\YbgkY]gY']a
6fUbXqW\ihnVYfY]W\"

 $8]Y \cdot Dc `]nY] \cdot Uh' XYb \cdot ?Y \cdot `YffUi \ a \ 'a \]h' XYf' VfY bbYb XYb \\ K \ UgWX a \ UgWX]bY' j \ Yfg]Y [Y `h' i \ bX' V `Y] Vh' j \ cf' C \ fhž' i \ a \ 'k \ Y]hYfY \\ I \ bhYfgi \ WX i \ b[Yb'Xi fWX ni $Z\emptyset \setminus fYb'' \cdot 9fghY \cdot 9f_Ybbhb]ggY \cdot XYi \ hYb' Ui \ Z \ Y]bYb' hYWX b]gWX Yb' 8 YZY_h' U`g' 6 fUbXi fgUWX Y' \]b'' 8]Y' GhfU \(Y \) Y' = a \?]fWX hU` a \ i \ gghY' k \ \ \ A\ fYbX' XYf' @ÒgWX UfVY]hYb' \ ZØf'Yhk U'Y]bY' Ghi \ bXY]b''VY]XY'F]WX hi \ b[Yb'[YgdYffh' k YfXYb'' 8]Y'G]hi \ Uh]cb'V`Y]Vh \ Ub[YgdUbbhž' i \ bX'X]Y': Yi Yfk Y\ f' a \]h']\ fYb' 9]bgUhn_f\(\) ZhYb' V`Y]Vh \ k UWX gUa''$

8 Y hU]`g	
J c f ZU``	6fUbX
I fgUWXY	hYWXb]gWXYf`8YZY_hž'jcfgÀhn`]WXY
	6fUbXgh]Zhib[ž·ZU\f`Àgg][Y·6fUbXgh]Zhib[ž
	GY`VghYbhnØbXib[
Cfh	a '?]fWXhU`ž')',(\$'Hfc]gXcfZž'8YihgWX`UbX
GWX UXYb ']b '	&\$\$\$\$\$
EiY``Yb	• k k k "_ghU"XY
	• k k k %"k Xf"XY
	• k k k "ZYi Yfhfi hn"XY

6 Ygi W Yb G Y i bg Ui Z b! U ["b Yh