

## 9j U\_i ]Yfi b[ ]b ? O`b. &\$"\$\$\$ A YbgWX Ybk Y[ Yb 6ca VYbYbhgWX AfZi b[ VYhfc ZZYb

⇒ ? O`b!8 Yi hn `YfZc`[ h `Ua `("'⇒ b]'&\$&) `Y]bY`[ fc» ZÀWX][ Y 9j U\_i ]Yfi b[ 'k Y[ Yb `XYf '9b hgWXÀfZ b[ 'j cb `XfY] K Y`h\_f]Y[ gVca VYb"



? O`b!8Yi hnž:8Yi hgWX`UbX`!' \( \) ? O`b!8Yi hn`ghY\Yb`Ua `A ]hhk cW\ž XYa `( "'\( \) b]'&\( \) ži a ZUggYbXY'9j U\_i ]Yfi b[ ga U\( \) bU\\ a Yb`Ub"'8Yf ; fi bX`XUZØf`g]bX`XfY]`K Y`h\_f]Y[ gVca VYbž`X]Y`Ub`XYf`8Yi hnYf K YfZh`[ YZi bXYb`k i fXYb"'8]YgY`6ca VYbž`nk Y]`Ua Yf]\_Ub]gW\Y &\\$!NYbhbYf!6ca VYb`i bX`Y]bY`Ua Yf]\_Ub]gW\Y`NY\b!NYbhbYf!6ca VYž`VYZ]bXYb`g]W\`U``Y`a ]h`5i ZgW\`U[ nØbXYfb`i bhYf`XYf`9fXY i bX`a ØggYb`Xf]b[ YbX`YbhgW\\\ AfZh`k YfXYb"'@Ui h`F UX]c`9fZh`k ]fX X]Y`9j U\_i ]Yfi b[ 'i a ', 'I \f`VY[ ]bbYb`i bX`VYhf]ZZh`fi bX`&\\$"\\$\\$ A YbgW\\Yb`]a ``]b\_g!`i bX`fYW\\hgf\\Y]b]gW\\Yb`GhUXh[ YV]Yh"

8]Y'9j U\_i ]Yfi b[gncbY'YfghfYW\_h'g]W\'ØVYf'?Ò`b!8Yi hn'i bX'X]Y ?Ò`bYf'5`hghUXhž'k c'i bhYf'UbXYfYa 'XUg'9Xi UfXi g!?fUb\_Yb\Ui gž a Y\fYfY'5`hYb!'i bX'DZY[Y\Y]a Y'gck]Y'fi bX'\*\$'<chY`g'i bX  $nU\ \hat{f}Y]WXYGWXi\ \hat{Y}b\ VYhfc\ ZZYb\ g]bX"5i\ WX\ [fc\ Y\ I\ bhYfbY\ a\ YbžX]Y \\ @Ubl\ Ygg!5fYbUžXYf\ A\ i\ g]WU\ 8\ ca\ Y\ i\ bX\ X]Y\ D\]\ Ufa\ cb]Y\ a\ ØggYb\ [YfÅi\ a\ h'k\ YfXYb"\ 6Ygi\ WX\ Yf\ XYf'\ H988MG\ ck\ \ \check{z}X]Y\ ZØf\ XYb\ ,\ "$$ $i\ b]'\ [Yd\ Ubh'k\ Ufž'a\ ØggYb\ g]WX\ Ui\ Z'Y]bY\ J\ Yf\ Y\ [i\ b\ XYg\ 9j\ Ybhg\ Y]bghY\ Yb/X]Y\ H]W_Yhg\ VY\ U\ hYb'\ ]\ fY\ ;\ Ø\ h][\ _Y]h"$ 

## @c[]gh]gWXY'<YfUi gZcfXYfi b[Yb</pre>

8]Y'5i gk]f\_i b[Yb'XYf'9j U\_i]Yfi b['Ui Z'XYb'JYf\_Y\f'g]bX
Yf\YV']W\"8Yf'8Yi hnYf'6U\b\cZ'k]fX'UV', 'I\f'\_ca d'Yhh'[YgdYffhž
i bX'XYf'Ni [gj Yf\_Y\f'k]fX'Ui Z'XYa 'K Y['ni a '?O`bYf
< Ui dhVU\b\cZ'i a [Y`Y]hYh"5i W\'X]Y'?O`bYf'JYf\_Y\fgVYhf]YVY
fPJ6ŁYfk UfhYb'a Ugg]j Y'6YY]bhfÀW\h][i b[Yb.'6i ggY'i bX'6U\bYb
k YfXYb'k À\fYbX'XYf'9j U\_i ]Yfi b['b]W\h']a 'VYhfcZZYbYb'6YfY]W\
Ub\U`hYbž'gcXUgg'Yg'g]bbj c```]ghž'X]YgYb'HY]``XYf'GhUXh'Ub'XYa
HU['ni 'a Y]XYb"'8]Y'8Yi hgW\Y'6U\b'a Y`XYh'ni XYa ž'XUgg
nU\`fY]W\Y': YfbnØ[Y'b]W\h']b'?O`b!8Yi hn'\U`hYb'k YfXYbž'k Ug'ni
J YfgdÀhi b[Yb'ZØ\fYb'\_Ubbž'XU'NØ[Y'[fc\*fÀi a]['i a [Y`Y]hYh
k YfXYb"

9]b YfghYf?`]b[Y`Xi fWX[Ub[ni f'9j U\_i]Yfi b[k]fX`Ua `A]hhk cWX UV; 'I\f`ghUhhZ]bXYb"'GcZYfb DYfgcbYb XYb'9j U\_i]Yfi b[gVYfY]WX b]WX h'ZfY]k]``]['jYf`UggYbž'Xfc\h']a 'Ài »YfghYb:: U```Y]bY Nk Ub[gfÀi a i b['Xi fWX'X]Y`Dc`]nY]"'I a 'g]WXYfni ghY``Ybž'XUgg'U``Yg fY]Vi b[g`cg'jYf`Ài Zhž'k]fX`X]Y`9j U\_i]Yfi b['jcb'XYf'Dc`]nY] i bhYfghØhnhži bhYf'I a ghÀbXYb'Ui WX'a]h'<i VgWXfUi VYfb'i bX K Àfa YV]`X\_Ua YfUg"'5bk c\bYf'k YfXYb'Ui gXfØW\_`]WX'XUfUi Z\]b[Yk]YgYbž'VY]'XYf'9j U\_i]Yfi b['XYb'5bk Y]gi b[Yb'XYg G]WXYf\Y]hgX]YbghYg': c`[Y'ni '`Y]ghYbž'XU'VY]'i b\_cbhfc``]YfhYb 8 YhcbUh]cbYb'@YVYbg[YZU\f'VYghY\h"

## 5 b`Ui ZghY``Yb'i bX'<]`ZY'ZØf'6YhfcZZYbY

: Øf'X]Y'Yj U\_i ]YfhYb'6Øf[Yf'[]Vh'Yg'Ub`Ui ZghY``Yb.'FYWk hgf\Y]b]gWk
\_ObbYb'g]Wk'X]Y'6YhfcZZYbYb']b'XYf'A YggY\U``Y'%\$"%'i bX
`]b\_f\Y]b]gWk'Ua '6Yfi Zg\_c``Y['<i a Vc`XhghfU» Y'k UfhYbX
Y]bZ]bXYb"'8U'<Ui gh]YfY'b]Wk h']b'X]Y'9fgUhni bhYf\_ØbZhY
a ]h[Ybca a Yb'k YfXYb'XØfZYbž'k]fX'Ya dZc\`Ybž'j cf\Yf'ZØf'XYfYb</pre>

I bhYfVf]b[i b[ 'ni 'gcf[ Yb"'Ni XYa 'ghY\Yb'Y]b'6Øf[ YfhY`YZcb'i bhYf XYf'Bi a a Yf'\$&&%#&&%!\$'cXYf'%%) 'ZØf'FØW\_ZfU[ Yb'ni f JYfZØ[i b[ ž'XUg'j cb'+'V]g'%, 'I \f'YffY]W\VUf']gh"'6YhfcZZYbY 5bk c\bYf'gc``hYb'k ]W\h][ Y'8]b[ Y'k ]Y'5i gk Y]gXc\_i a YbhYž ; Y`X\_UfhYbž'a YX]n]b]gW\Y'8c\_i a YbhY'i bX'YfZcfXYf`]W\Y'5fnbY]Yb a ]hbY\a Yb"

 $: \emptyset f'X]Y'YfghYb'\%\$\$'6Ygi WXYf'ÒZZbYh'XUg'; UZZY'`Ua'8ca `UV'\%\$I \f'a ]h'Y]bYa'6Y[fØ*ib[g[YgWXYb_iibX'Y]bYa'6fUi \Ui gZfØ\ghØW_ž'gcXUgg'X]Y'NY]h'XYf'Ibg]WXYf\Y]h'Y]b'k Yb][VYggYf'ØVYfVfØW_h'k YfXYb'_Ubb''8]Y'GhUXh'YadZ]Y\`h'Ui*YfXYaX]Y'Bihnib['jcb'K Ufb!5ddg'k]Y'B$\B5'cXYf'?5HK 5FBž'ia'ghYhg\ØVYf'U_hiY``Y'9bhk]\W_`ib[Yb']bZcfa]Yfh'ni 'V`Y]VYbž'XU'XYf[YbUiY'NY]hdib_h'XYf'5iZ\YVib['XYf'GdYffib[Yb'ib[Yk]qg']gh'']$ 

8]Y'G]hi Uh]cb'nY][h'Y]ba U`a Y\fž'XUgg'6ca VYb'Ui g'XYa 'Nk Y]hYb K Y`h\_f]Y[ž'k]Y'j cb'9F; C'fY[Y`a À»]['ZYgh[YghY``hž'Ui W\
\U\fnY\bhY'bUW\'XYa '?f]Y['bcW\'Y]b'YfbghYg'F]g]\_c'ZØf'X]Y
5bk c\bYf'XUfghY``Yb"8]Y'6Y\ÒfXYb'gYhnYb'U``Yg'XUfUbž'XUgg'X]Y
9j U\_i ]Yfi b['i bX'UbgW\`]Y»YbXY'6ca VYbYbhgW\ÀfZ b['g]W\YfUV`Ui ZYb"'8]Y'GhUXh'k]fX'X]Y'6Øf[Yf'ØVYf'\DZcfa Uh]cbg\_Ub\A`Y'k]Y
gcn]U`Y'A YX]Ybž'FUX]c'i bXž']a 'BchZU``ž'Ui W\'dYf'<UbXnYhhY`
Ui Z\_`ÀfYb"

±b`X]YgYa `G]bbY`fi ZYb`k ]f`U``Y`? Ò`bYf.]bbYb`Ui Zž`g]W\`[i h
j cfni VYfY]hYbž`X]Y`5bk Y]gi b[Yb`ni `VYUW\hYb`i bX`gc`]XUf]gW\`ni
\UbXY`b"`8]Y`; YgW\]W\hY`k ]fX`i bg`Yf]bbYfbž`XUgg`Yg`Ui W\`\_`Y]bY
HUhYb`q]bXž`X]Y`; fc»Yq`VYk ]f\_Yb`\_ÒbbYb"

8 Y hU]`g	
Cfh	?Ò`b!8Yi hnž8Yi hgWX`UbX
EiY``Yb	• k k k "fUX]cYfZh"XY
	• k k k %"k Xf"XY
	• k k k "Yf[ c"XY