

@c_U`Y`HU`YbhY`[`ÀbnYb`VY] I&\$!8Yi hgWXYb`A Y]ghYfgWXUZhYb`]b ?cV`Ybn

I & \$! HU`YbhY`[`ÀbnYb`VY]`XYb`8 Yi hg\\XYb`A Y]ghYfg\\X\UZhYb`]b ? cV`Ybn`i bX`g]\\XYfb`g]\\X'j]Yf`A YXU]``Yb`gck]Y`K A ! H]_Yhg \\Z\Df`@]a\U"

8]Y 8 Yi hgWX Yb A Y]ghY fgWX UZhY b XYf I &\$!5h\ `YhY b `]b ? c V `Ybn `g]b X b]WX h b i f Y]b `gd c fh`]WX Yg '<][\`][\hž `gc b XY fb `Ui WX 'j c b `[fc » Yf 6Y XYi hi b [`ZØf `X]Y `Ni _i b Zh `XY g `XYi hgWX Yb `@Y]WX hUh\ `Yh]_gd c fhg" 8]Y `K Yhh_Àa d ZY ž X]Y `]a `GhUX]c b `C VY fk Y fh\ `ghUhhZUb XY b ž `k Uf Y b Yb hgWX Y]XY b X `ZØf `XY b `Ni [Ub [`ni `XY b `I &\$!K Y`ha Y]ghY fgWX UZhY b]b `@]a Už `DY fi " '5 h\ `YhY b `Ui g 'j Y fgWX]Y XY b Yb `F Y[]c b Y b 8 Yi hgWX `Ub X g `n Y][hY b `VY Y]b X fi \w_Y b XY `@Y]ghi b [Yb ž `k À\ fY b X `g]Y g]WX `i a `X]Y `VY [Y\ fhY b `E i U`]Z]_Uh]c b gd `Ahn Y `i b X `A Y X U]``Y b _Aa d ZhY b"

GhUf_Y'@Y]ghi b[Yb'XYf'5h\`YhYb

<YbXf]_'A Ø``Yf'j ca 'HGJ'6UmYf'@Yj Yf_i gYb'ghY``hY'g]W\'U`g': Uj cf]h
]a 'GhUV\cW\\gdfi b['\YfUi g\zeta']bXYa 'Yf'VY]'\YfUi gZcfXYfbXYb
K YhhYfVYX]b[i b[Yb'Y]bY'< Ô\Y'j cb') \(\zeta\) \(\seta\) \(\

9]bY'V]hhYfY'9bhhÀigWXib[

: Øf'?f]ghcZZYf'<]`XYVfUbX'k Uf'XYf'K Yhh_Ua dZ']b'?cV`Ybn'YXcWk j cb'[Ya]gWkhYb'; YZØ\`Yb'[YdfÀ[h"'Hfchn'gY]bYf'dYfgÒb`]WkYb

6Ygh`Y]ghi b['ØVYf`X]Y '&\$\$ 'A YhYf`a]h`&%ž&* 'GY_i bXYb`]a < U`VZ]bU`Y '_cbbhY 'Yf`b]W\h`X]Y 'YfZcfXYf`]W\Y 'D`Uhn]Yfi b[']a ':]bU`Y Yfn]Y`Yb"'A]h`Y]bYa 'Xf]hhYb`D`Uhn`i bX`Y]bYf`NY]hij cb`&%ž(+ GY_i bXYb`a i gghY 'Yf`gY]bYb`HfUi a 'j cb`Y]bYf`K A !HY]`bU\a Y j cfYfgh`VY[fUVYb"' <]`XYVfUbX`_cbbhY`YXcW\`a]h`gY]bYf`@Y]ghi b[]b`XYf`(3 %\$\$!A YhYf!GhUZZY``Y]bY`k Y]hYfY`A YXU]``Y`ZØf`gY]b`HYUa q]W\Yfbžk Ug`gY]bYb`9]bgUhn`i bX`gY]b`DchYbn]U``i bhYfghfY]W\h"

$A YXU]^YZØfX]YGdYYfk YfZYf]b$

5i Z'XYf'k Y]V`]W\Yb'GY]hY'gcf[hY'A]f'U'@ _Ug'a]h'VYY]bXfi W_YbXYb K ØfZYb'ZØf'5i ZgY\Yb"\\
K ØfZYb'ZØf'5i ZgY\Yb"\\
X]Y'K A!Bcfa 'i bX'g]W\YfhY'g]W\'XYb'YfghYb'D`Uhn'VY]a 'GdYYfk i fZ a]h'Y]bYf'6Ygh`Y]ghi b['jcb')'\\
Z&' 'A YhYfb"'@ _Ug 'ghUf_Y
@Y]ghi b[Yb'a UW\Yb'g]Y'ni 'Y]bYf'XYf'AYXU]``Yb_UbX]XUh]bbYb'ZØf X]Y'K Y`ha Y]ghYfgW\UZhYb\Zi bX']\f'G]Y['nY][h'XUg'DchYbn]U`'XYg XYi hgW\Yb'BUW\ki W\gYg"

$9]bV^{Y}]W_Y^{Y}]b^{X}Y^{Y}Ni_ib^{Z}h^{X}Yg^{Z}Gdcfhg$

8]Y 8 Yi hgWX Yb A Y]ghY fgWX UZhY b ']b '? c V `Y b n 'g]b X 'Y]b 'V Y X Yi hY b X Y g GWX Ui ZY b ghY f 'ZØf 'X]Y 'HU `Y b hY 'X Y g 'X Yi hgWX Y b 'Gd c f hg "'J]Y `Y 'X Y f 5 h\ `Y hY b ž 'k]Y 'X]Y 'Y f Zc `[fY]WX Y b 'Gd f]b hY f ž 'k Y f ZY b 'Y]b '@]WX h Ui Z 'X]Y \Y fj c f f U[Y b X Y 'B UWX k i WX gU f V Y]h ']a '@Y]WX h Uh\ `Y h]_V Y f Y]WX "' = \ f 6 Y gh f Y V Y b ž 'g]WX '_c b h]bi]Y f `]WX 'ni 'j Y f V Y gg Y f b 'i b X < Y f Ui g Zc f X Y f i b [Y b 'ni 'a Y]gh Y f b ž '_Ob b h Y 'X]Y '; f i b X gh Y]b Y 'ZØf ni _Øb Zh][Y '9 f Zc `[Y 'V Y] ']b h Y f b Uh]c b U `Y b 'K Y hh_Àa d Z Y b '`Y [Y b "

; Ya Y]bgW $UZh'ibX'9bhk]W_ib[$

8]Y']b'?cV`Ybn'j YfgUa a Y`hYb'5h\`YhYb'ZØ[Yb'g]W\`]b'Y]b'[fÒ» YfYg 6]`X'Y]bž'XUg'Ui Z'X]Y'9bhk]W_`i b[''î b[Yf'5h\`YhYb']a 'XYi hgW\Yb Gdcfh'\]bk Y]gh" Gc`W\Y'J YfUbghU`hi b[Yb'ZÒfXYfb'b]W\h'bi f'X]Y 9]bnY`_Uff]YfYbž'gcbXYfb'ghÀf_Yb'Ui W\'X]Y'; Ya Y]bgW\UZh'XYf Gdcfh`Yf'i bX'Ni gW\Ui Yf"'8Ug'9b[U[Ya Ybh'XYf'Gdcfh`Yfž']\fY @Y]ghi b[Yb'i bX'<YfUi gZcfXYfi b[Yb'a]hY]bUbXYf'ni 'hY]`Ybž]bgd]f]Yfh'X]Y'bÀW\ghY'; YbYfUh]cb'i bX'hfÀ[h'ni 'Y]bYf'dcg]h]j Yb

5 ha cgd\AfYb]a 'XYi hgWXYb 'Gdcfh'VY]"

±g[YgUa h'gd]Y`h'XYf'9fZc`['cXYf'A]ggYfZc`['XYf'5h\`YhYb']b
?cV`Ybn'Y]bY'nYbhfU`Y'Fc``Y'ZØf'XYfYb'gdcfh`]W\Y'@Ui ZVU\bYbž
k À\fYbX'g]Y'[`Y]W\nY]h]['U`g'JcfV]`XYf'ZØf'_ØbZh][Y'; YbYfUh]cbYb
Zi b[]YfYb"'8Yf': c_i g'Ui Z'HYUa [Y]gh'i bX']bX]j]Xi Y``Y'9bhk]W_`i b[
nY][hž'XUgg'XUg'DchYbn]U``ZØf'k Y]hYfY'9fZc`[Y'Ybcfa ']gh"

B 5;

8 YhU]`g

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