

## 91!A ]hUfVY]hYf'j cb'CdYbGYU'V]hhYh; Yf]WXh'i a '5Vk Y]gi b[ 'XYg'=bg]XYf! < UbXY`gZU``g

8 Y f Z f Ø \ Y f Y D f c X i \_ha Ub U [ Y f i c b C d Y b G Y Už B Uh Y 7 \ Ugh U] b ž kifXY']a '\$b]'|ca '8c>kY[Yb'nkY]Yf'JcfkØfZY'XYq 8fU\hVYhfi [giibX'XYf'; Y`Xk AgWXY']a 'Ni gUa a Yb\Ub['a]h ±bg]XYf!B: H! < UbXY``Ub[Y\_`U[h'8]Y'5bk À`hY'j cb'7\UghU]b</pre> Uf[ia Ybh]YfYbž'XUgg'B: Hg'\_Y]bY'K YfhdUd]YfY'cXYf'K UfYb  $XUfghY``Ybž'k Ug']\fYf'A Y]bib['bUWX'X]Y'5f[ia YbhUh]cb'XYg$ 8c>i bhYf[fÀVh·5bk À`hY·Y]bYg·Y\Ya U`][Yb·CdYbGYU! A ]hUfVY]hYfqž'XYf'XYq' ⇒ q]XYf\UbXY`q'VYqW\i`X][h'k ]fXž fY]WX hY b 'Y]b Y '? `U[ Y 'Y]b '6Y k Y[i b[ ``Y hn hY 'K c WX Y 'X Ua ]h ni gUa a Yb\Ab[YbXY'5b\_`U[Yb'UVnikY]gYb'ibX Uf[iaYbh]YfhYžXUqqX]YJYfa O[YbqkYfhY\_Y]bY K YfhdUd]YfY'cXYf'K UfYb'XUfqhY``Yb"'BUhY'7\UqhU]bž'XYf nk ]gWXYb '\Jbi Uf'i bX 'GYdhYa VYf'&\\$\%'U`g'CdYbGYU! DfcXi \_ha UbU[YfhÀh][ k Ufžk UfYg'Ub[Y\_`U[hij ca igh]na ]b]ghYf]i a 'fBcぇ']a 'ib]'k Y[Yb'nk Y]Yf'5b\_`U[Yb  $k Y[Yb / Ua d \wedge Y^{*}]d /$ 

- 8Yf'ZfØ\YfY'DfcXi \_ha UbU[Yf'j cb'CdYbGYUž'BUhY
  7\UghU]bž'k i fXY']a '⇒ b]'j ca '8c>k Y[Yb'nk Y]Yf'J cfk ØfZY
  XYg'8fU\hVYhfi [g'i bX'XYf'; Y`Xk ÀgW\Y']a
  Ni gUa a Yb\Ub['a ]h'=bq]XYf!B: H! < UbXY`'Ub[Y\_`U[h</li>
- 8]Y'5bk À`hY'j cb'7\UghU]b'Uf[i a Ybh]YfYbž'XUgg'B: Hg
   \_Y]bY'K YfhdUd]YfY'cXYf'K UfYb'XUfghY``Ybž'k Ug']\fYf
   A Y]bi b['bUW\'X]Y'5f[i a YbhUh]cb'XYg'8c>i bhYf[fÀVh

B UhY '7\UghU]bž'XYf'nk ]gW\Yb'\Jbi Uf'i bX'GYdhYa VYf'&\\$\%'U`g CdYbGYU!DfcXi \_ha UbU[Yf'hÀh]['k Ufž'k Uf'Yg'\Ub[Y\_\U[h'] ca \( \dot gh)\)na ]b]ghYf]i a 'f8c\( \dot \dot a \) b]'k Y[Yb'nk Y]Yf'\( \dot b \) \( \dot Y \) U[Yb'k Y[Yb \\ \dot Y \)]gi b[gVYhfi [g'i bX'; Y`Xk \dot \dot g\XYf'; fi bX`U[Y'] cb \( \dot g \) XYf!B: H! < UbXY`"

9gʻ]ghʻXUgʻYfghYʻA UʻžʻXUggʻXUgʻ8c>gc`WXYʻ5b\_`U[Ybʻ[Y[YbʻY]bY DYfgcbʻYf\YVhžʻX]YʻB: HgʻVYhf]ZZhžʻgWXf]YVʻX]Yʻ5VhY]`i b['XUa U`gʻ]b Y]bYfʻ9f\_`Àfi b["'

 $7 \ UghU]bg'5bk \ \grave{A}'hY'fY]W \ hYb'] \ fYb'5bhfU['Y]b''YhnhY'K \ cW Y'j \ cf XYa''I \ G'Gci \ h \ Yfb'8]ghf]Wh'7ci \ fh'cZ'BYk' \ Mcf_'i \ bX'VY \ Ui \ dhYhYž'X]Y \ FY[]Yfi \ b['\UVY'5b_'U[Y'Yf\cVYbž']bXYa''g]Y'' i \ bVY[fØbXYhY$ 

5 b hfà [Y 'XYg'GhfUZfYW\ hg'VYbi hnhYž'i a 'Y]bYb'DfànYXYbnZU```nigW\ UZZYb"

9g'k]fX`Ub[Ybca a Ybž`XUgg`7\UghU]b`Xi fWX`gc`WXY; YgWXÀZhY a ]bXYghYbg`%- '9H< 'fl \$"\$\$\$`I G!8c``UfŁ`[YbYf]Yfh`\Uh"'9g'k i fXY Ui Z`XYf'; fi bX`U[Y'j cb'7\UghU]bg`VY\_UbbhYb`6f]YZhUgWXYb [YgWXÀhnh"'GY]bY`Ub[YV`]WXYb'; YgWXÀZhY`k UfYb'ni Yfgh`YbhXYW\_h j cb'Y]bYa 'Hk]hhYf!Bi hnYf']a 'j Yf[Ub[YbYb'GYdhYa VYfž'i b[YZÀ\fbYi b'A cbUhY`VYj cf'XUg'8c>5b\_`U[Y'Yf\cV"

8Yf'<U\_Yb'Ub'XYf'GUW\Y']gh'YXcW\ž'XUgg'X]Y'B: Hg'k YXYf K YfhdUd]YfY'bcW\'K UfYb'g]bX ž'gW\f]YV'XYf'5bk U`h']b'gY]bYa 5bhfU["

: Øf`XUgž'k Ug`Yg`k Yfh`]ghž`\UVYb`5bk À`hYžX]Y`=g\Ub`K U\]
j YfhfYhYbž'XYb`Y\Ya U`][Yb`7c]bVUgY!DfcXi \_ha UbU[Yfž'XYf
YVYbZU``g`k Y[Yb`Ub[YV`]WXYb`=bg]XYf\UbXY`g`Ub[Y\_`U[h`]ghž']\fYb
: U```Ui Z'ZUgh`[YbUi `XUg`[`Y]WXY`5f[i a Ybh`[YghØhnh"

5bk À`hY`VY\Ui dhYhYb`Ui W\ž'7\UghU]bg`±bg]XYf]bZcfa Uh]cbYb\ÀhhYb`\_Y]bYb`]b\ÀfYbhYb`k]fhgW\UZh`]W\Yb`cXYf`A Uf\_hk Yfhž'k Ug]\fYf`A Y]bi b[`bUW\`XUni `ZØ\fYb`gc``hYž'XUgg`X]Y`5b\_`U[Y`k Y[Yb

, VYfk Y]gi b[gVYhfi [g ZU``Yb [Y`UggYb k]fX"

Ni 'XYb'; Y`Xk ÀgW\Yj cfk ØfZYb'[Y[Yb'7\UghU]b'gW\f]YVYb'X]Y 5bk À`hYž'XUgg'X]Y'HfUbgdUfYbn'XYf'9h\YfYi a !6`cW\_W\U]bž']b'XYf X]Y'B: Hg'[Y\UbXY`h'k i fXYbž'VYXYi hYž'XUgg'X]Y'HfUbgU\_h]cbYb'ZØf X]Y'<sup>2</sup> ZZYbh`]W\\_Y]h'g]W\hVUf'gY]Yb'i bX'b]W\h'U`g'JYfgW\`Y]Yfi b[ fYW\hgk]Xf][Yf'9f`ÒgY'bUW\[Yk]YgYb'k YfXYb'\_ObbhYb"

8 Y f '5 b [ Y\_`U[ hY '\ Uh'b] W hg 'k Y] hY f '[ Y hUb ž 'U`g 'U i Z c ZZY b g] W h`] W Y i b X 'k U\ fb Y\ a V Uf Y 'K Y] g Y '; Y`X 'n i 'V Y k Y [ Y b ž 'g U[ hY b 'g] Y " ' 8 ] Y Y] b Z U W Y i b X 'c ZZY b g] W h`] W Y '6 Y k Y [ i b [ 'j c b '; Y`X 'g hY``h' Y X c W \_Y] b Y '; Y`X k À g W X Y 'X U f "

п тп

 $8 \ Yf'6Y]hfU[''9I!A]hUfVY]hYf'jcb'CdYbGYU'V]hhYh';Yf]WXhž' + bg]XYf! < UbXY`gZU```UVnikY]gYb'']gh'_Y]bY'Z]bUbn]Y``Y'6YfUhib[''$ 

8 YhU]`g

6 Ygi WX Yb 'G]Y 'i bg 'Ui Z. '\_fmd hc!bYk g"Uh