

## 

9|  $dYfh]b' < Ybf]_Y' < Y]b]W_Y'Yf`Ài hYfh'DfY]gZU_hcfYb'ZØf'K Y]bž j cb'A Uf_Yh]b['V]g'?f]h]_Ybž'i bX'[]Vh'<math>\Rightarrow$ j Ygh]h]cbgh]ddg"

6cdZ]b[Ybž8Yi hgWX`UbX`!`K Y]b`]ghk Y]h'a Y\f'U`gʻbi f'Y]b; YhfÀb\_/Yfʻ]gh'Y]b'\_i `hi fY``Ygʻ; i h'a ]h'Y]bYf'dfY\_ÀfYb

DfY]g[YghU'hi b[ž'X]Y'j cb'nU\`fY]WXYb': U\_hcfYb'VYY]bZi ggh'k ]fX"

<Ybf]\_Y`<Y]b]W\_YžY]bY`K Y]bYI dYfh]b'i bX`Y\Ya U`][Y

k ØfhYa VYf[]gWXY`K Y]bdf]bnYgg]bž'VY`Yi W\hYh`X]Y`9`Ya YbhYž'X]Y

X]Y`DfY]gY`ZØf`K Y]b`VYgh]a a Yb''`@Ui h']\fYf`9I dYfh]gY`\UVYb

A Uf\_Yh]b[ ghfUhY[]Ybž'A cbcdc``U[Yb'i bX`X]Y`6Yk Yfhi b[`Xi fW\?f]h]\_Yf`Y]bYb'Yf\YV`]WXYb'9]bZi gg`Ui Z'XYb'K Y]bdfY]g''`G]Y

j YfXYi h`]W\hž'XUgg`DfY]gY`ØVYf`%\$\$'9i fc`cZhY\Yf`Xi fW\`A Uf\_Yh]b[
U`g`Xi fW\`hUhg\AW\`]W\Y`E i U`]h\h\f\[YfYW\hZYfh][h'g]bX''`5`g`6Y]gd]Y`
bYbbh'g]Y`X]Y`8 ca U]bY`XY``U`F ca Ub\AY`7 cbh]ž'k c`XYf`hYi YfghY

D]bch'Bc]f`ni `DfY]gYb'j cb`V]g`ni `%, "\$\$\$'9i fc`dfc`: `UgW\Y
j Yf\_Ui Zh'k ]fX''`Gc`W\YYI hfYa Yb'DfY]g[YghU`hi b[Yb'g]bX

k Y]hfY]W\YbX'i bX`fØ\fYb'j cb'Ya ch]cbU`Yb'6]bXi b[Yb'Ub'K Y]bž

XYf`]b'j]Y`Yb'?i `hi fYb'U`g`@li g[i h'Ub[YgY\Yb'k]fXž`\Yf"

8 UgʻGdUbbi b[gZY`X`nk]gWXYbʻDfY]gʻi bXʻE i U`]hÀhʻnY][hʻg]WXʻUi WX ]bʻXYfʻK U\fbY\a i b[ʻj cbʻK Y]b\_f]h]\_Yb"'8]YgYʻVUg]YfYbʻ\Ài Z][Ui ZʻDi b\_hYgmghYa YbžʻX]YʻfY`Uh]jʻni ʻVYhfUWXhYbʻg]bX''<c\Y6Yk Yfhi b[YbʻUVʻ%, ʻcXYfʻ-)ʻDi b\_hYbʻg]bXʻbUWX`<Y]b]W\_YYbhgWXY]XYbXʻZØfʻghUf\_ʻghY][YbXYʻDfY]gY"'8YbbcWX`\UVYbjYfgWX]YXYbYʻK Y]b\_f]h]\_Yfʻi bhYfgWX]YX`]WXYʻ?f]hYf]YbžʻX]Yʻb]WXhbi fʻbUh]cbU`žʻgcbXYfbʻUi WXʻ\_i `hi fY``i bhYfgWX]YX`]WXʻUi g[YdfÀ[hg]bX"

DfY]ghYbXYbnYb Ui Z'XYa 'A Uf\_h

8 ]Y '8 ]g\_i gg]cb'ØVYf'K Y]bdfY]gY'k ]fX'ni bY\a YbX'Ui W\']b
gcn]U`Yb'A YX]Yb'i bX': cfYb'[ YZØ\fh"5\_hi Y``Yb'5bU`mgYb'ni Zc`[ Y
`]Y[ h'XYf'Xi fW\gW\b]hh`]W\Y'DfY]g'ZØf'Y]bYb'@]hYf'K Y]b']a
XYi hgW\Yb'@YVYbga ]hhY`Y]bnY`\UbXY`'VY]'&ž-&'9i fc''=a
Cb`]bY\UbXY`ž'XYf'Ui Z[ fi bX'gY]bYf'i a ZUb[ fY]W\YfYb'8 UhYbVUg]g
i bX'Gcfh]a YbhgVfY]hY'j cb'=bhYfYggY']ghž'nY][ Yb'X]Y
6YfYW\bi b[ Ybž'XUgg'XYf'Xi fW\gW\b]hh`]W\Y'DfY]g'ZØf'Y]bYb
\$ž+)!@]hYf!K Y]b'VY]'(+ž) &'9i fc'`]Y[ h"'8Yf'A YX]UbdfY]g'\]b[ Y[ Yb
`]Y[ h'VY]'%+ž\* +'9i fcž'k Ug'VYXYi hYhž'XUgg'X]Y'< À`ZhY'U``Yf'K Y]bY
k Yb][ Yf'U`g'X]YgYb'DfY]g'\_cghYb"

8]Y'DfY]ggdUbbY']b'XYf'Cb`]bY!8UhYbVUb\_'nY][h'Ui WXž'XUgg'K Y]bYZØf'&ž\* - '9i fc'f@Ua Vfi gWcŁ'V]g'\]b'ni 'FY\_cfXdfY]gYb'j cb - "- - \$ž-\$'9i fc'fbcfXYUi I ž'>U\f'%, - \$Ł'YI ]gh]YfYb"'K À\fYbX'XYf\Ài Z][ghY'DfY]g'VY]'- ž-\$'9i fc'`]Y[hž'j Uf]]Yfh'X]Y'GdUbbk Y]hY'XYfDfY]gY'Yf\YV`]WX"'Gc`WXY'DfY]gj YfhY]`i b[Yb'i bhYfghfY]WXYb'X]Y J]Y`ZU`h'i bX'8]ZZYfYbnYbž'X]Y']a 'K Y]ba Uf\_h'VYghY\Yb"

## =bj Ygh]h]cbYb ]b K Y]b

K Y]b`\Uh`g]W\`b]W\h`bi f`U`g`; Ybi gga ]hhY``YhUV`]YfhžgcbXYfb`Ui W\U`g`dchYbn]Y``Yg`\bj Ygha YbhcV'Y\_h"'6YgcbXYfg`Fch!'i bX`GØ» k Y]bYUi g`6cfXYUi I `gck ]Y`XYi hgW\Y`F]Yg`]b[Y`[Y`hYb`U`gj]Y`j YfgdfYW\YbXY`K Y]bY`ZØf`\bj Ygh]h]cbYb"'<Y]b]W\_Y`bYbbha Y\fYfY`K Y]b[ØhYfž`XYfYb`DfcXi\_hY`]b`GUa a `Yf\_fY]gYb?i`hghUhi g`[Yb]Y»Yb`i bX`U`g`k YfhVYghÀbX][`[Y`hYb"'8Uni[Y\OfYb.'

- K Y]b[ih'DYhfig'flF' 'A Yf`chŁ
- 7\3/aYUi X Mei Ya fl F GØ» k Y]bŁ
- 8ca DÅf][bcbflF 7\UadU[bYfŁ
- K Y]b[ih'CfbY``U]U'fH' 'A UggYhcž'A Yf`chŁ
- K Y]b[i h'9[cb'A Ø``Yf'fB9' 'GW\Ufn\cZVYf['F]Yg`]b[ GØ» k Y]bŁ
- KY]b[ih?fUWXYfffbH~GØ»kY]bŁ
- $K Y]b[ih'; UbhYbVY]b'f\Pi < U`Y'K Y]bYŁ$
- K Y]b[i h'DYbZc`Xg'fbI G' '7UVYfbYh'GUij][bcbŁ
- 7 `ci Xm'6Um'fBN' 'GUij][bcb'6`UbWŁ

- K Y]b[ih'Cdig'CbY'fl G5' Fchk Y]bYŁ
- J]bYXc.7\UXe]W\_.ff7\]`Y...7UVYfbYh'GUij][bcbŁ

8]YgY'K Y]b[ØhYfg]bX'b]Wkh'bi f'ZØf']\fY'Ei U`]hÀh'VY\_Ubbhž gcbXYfb'Ui Wk'ZØf']\fY': À\][\_Y]hž']a '@Ui ZY'XYf'NY]h'Ub'K Yfh'ni [Yk]bbYb"'=bj Ygha Ybhg']b'K Y]b'\_ObbYb'gca ]h'j ]Y`j YfgdfYWkYbX gY]bž'YXcWk'VYbOh][Yb'g]Y'gck c\``K ]ggYb'U`g'Ui Wk'Y]b'; YgdØf ZØf'HfYbXg"

## 8]Y'Fc``Y'XYf'K Y]bVYk Yfhi b[

A ]h'Y]bYf'8 UhYbVUb\_'j cb'ØVYf'( \$"\$\$\$'K Y]bYb'V]YhYh'X]Y'K  $\implies$  9 GmghYa '5; 'Ui W\'Y]b'i a ZUggYbXYg'  $\implies$  Zcfa Uh]cbgdcfhU`'ZØf'U``Y  $\implies$  hYfYgg]YfhYb"'8]Yg'nY][ hž'k ]Y'ghUf\_'XYf'A Uf\_h'ZØf'K Y]b'b]W\'h'bif Xi fW\'DfY]gž'gcbXYfb'Ui W\'Xi fW\'E i U`]h\'Ah'i bX' < Yf\_i bZh'[ Ydf\'A[ h ]gh"'8]Y'J]Y`gW\']W\'h][ \_Y]h'XYg'K Y]ba Uf\_hYg'i bX'X]Y'XUa ]h j YfVi bXYbYb'DfY]g[ YghU`hi b[ Yb'g]bX'gca ]h'Y]b'ZUgn]b]YfYbXYg H\Ya U'ZØf'K Y]b`]YV\UVYf'i bX' $\implies$  j YghcfYb'[ `Y]W\Yfa U $\implies$  Yb"

: Øf'k Y]hYfY' ±bZcfa Uh]cbYb'ni 'DfY]gYb'i bX'HfYbXg']a 'K Y]ba Uf\_h \_`]W\_Yb'G]Y'Ui Z'GWk ÀV]gWXY'Dcghž'K Y]b\_YbbYf'i bX' K Y]bdfY]g"

8 Y hU]`g	
Cfh	6cdZ]b[Ybž'8YihgW\`UbX
Ei Y``Yb	• k k k "gWX k UYV]gWX Y!dcgh"XY
	• k k k "k Y]b_YbbYf"XY

8 Y hU]`g	
	<ul><li>k Y]bdfY]g"cf[</li></ul>

## $6\,Y\,gi\ W\!\!X\,Y\,b\,{}^*\!G\,]Y\,{}^*\!i\ b\,g\,{}^*\!Ui\ Z.\,{}^*\!b\,!\,U\,[\,\,"b\,Y\,h\,]$