

; YXYb_Yb`]a `K YXX]b[.`8Yf`j Yf[YggYbY 5i ZghUbX`j ca `%+"`>i b]`%-) '

9fZU\fYb^G]Y^a Y\f^ØVYf^XYb^5i ZghUbX^j ca ^%+"^\dagger b]^\%-)'^]b < Ybb][gXcfZ'i bX^gY]bY^5i gk]f_i b[Yb^Ui Z'XYb^K YXX]b[^]b 6Yf^]b"



<Ybb][gXcfZi8Yi hgWk `UbX'!'5a '%+"'> b]'%-)' 'VfUWk']b'Cghl
6Yf`]b'i bX'XYf'88F'Y]b'Jc`_gUi ZghUbX'Ui gz'XYf'Ui Z'X]Y
I bni Zf]YXYb\Y]h'XYf'6Yj O`_Yfi b['ØVYf'X]Y'dc`]h]gWkYb'i bX
k]fhgWkUZh`]WkYb'JYf\A`hb]ggY'Ui Za Yf_gUa 'a UWkhY"'Fi bX'Y]bY
A]``]cb'A YbgWkYb'dfchYgh]YfhYb'[Y[Yb'ghY][YbXY'5fVY]hgbcfa Yb
i bX'Y]bYb'g]b_YbXYb'@YVYbgghUbXUfXzik Ug'ni 'Y]bYa '[Yk U'h][Yb
5i ZVY[Y\fYb'ZØ\fhY"'8]Y'I fgUWkYb'ZØf'X]YgYb'5i ZghUbX'`U[Yb'h]YZ
]b'XYf'JYf[Ub[Yb\Y]hz']bgVYgcbXYfY']b'XYb'9bhgWkY]Xi b[Yb'XYf
G98!: Ø\fi b[z'X]Y'X]Y'@YVYbgVYX]b[i b[Yb'kY]hYf\]b
j YfgWk`YWkhYfhYbz'k]Y'X]Y'< Ui g'XYf'; YgWk]WkhY'VYf]WkhYh''A]h
XYa 'HcX'GhU']bg']a 'A Afn'%-)' '\cZZhYb'j]Y`Y'Ui Z'dcg]h]j Y
J YfAbXYfi b[Ybz'k i fXYb'UVYf'YbhhAi gWkhz'U`g'X]Y'G98']a 'A U]
Y]bY'5fVY]hgbcfa Yf\O\i b['j cb'%\$z' DfcnYbh'j Yf_ØbXYhY'"</pre>

BUWXXYa X]Y 6Yj O`_Yfi b['Ua '%) "'i bX'%* "'\imp b]'\fYb'I ba i h'Ui Z XYb'GhfU» Yb'Ai » YfhYž'_Ua 'Yg'Ua ': c`[YhU['ni 'k Y]hfY]WXYbXYb DfchYghYb" 8]YgY'V`]YVYb'UbZUb[g'Zf]YX`]WXžXcWX 'gWXbY```k YbXYhY g]WX 'XUg'6`Uhh 'Gck 'Yh]gWXY'Hfi ddYb'i bX'X]Y'Jc`_gdc`]nY]'[]b[Yb a]h'Vfi hU`ghYf'; Yk U`h'[Y[Yb'X]Y'8Ya cbghf]YfYbXYb'j cfž'k Ug'X]Y I bfi \Yb'k Y]hYf'Ub\Y]nhY"'9]b'N]Y``XYg'5i ZghUbXYg'k Uf'XYf CghgY_hcfž'k c'X]Y'gck 'Yh]gWXYb'5``]]YfhYb'XYb'5i gbU\a Yni ghUbX Ui gf]YZYb'i bX'X]Y'DfchYghY'a]h'; Yk U`h'b]YXYfgWX`i [Yb'' GWX`]Y»`]WX'ZUbXYb'j]Y`Y'HchYž'k]Y'X]Y'6i bXYgnYbhfU`Y'ZØf dc`]h]gWXY'6]`Xi b['Xc_i a Ybh]Yfh/'X]Y'YI U_hY'NU\`]gh'V]g'\Yi hY b]WXh'Y_Ubbhž'UVYf')) 'HcXYgcdZYf'g]bX'Xi fWX'Ei Y``Yb'VY`Y[h''

I bVY_UbbhY < Y`XYb i bX GW]W_gU`Y

 $8]Y \cdot GWX]W \cdot gUY \cdot XY f \cdot C dZY f \cdot V \cdot]Y \cdot YY b \cdot$

 $= \text{a.} \text{K.} \text{YXX} \text{b} \text{[} \text{$\check{z}'Y]} \text{bYa.} \text{GhUXhhY} \text{]} \text{`\check{z}'XYf'b} \text{]Whix} \text{fY}_h \text{ij.} \text{c.b.} \text{XYb'I.} \text{bfi.} \text{Yb} \text{VYhfc} \text{$\check{Z}\!Y} \text{b.} \text{k.} \text{Uf} \text{$\check{z}'[...]} \text{VhiYg'XYbbcW.} \text{Y]b'8Yb}_a \text{U``Ui.} \text{Z'XYa.} \text{ghAXh} \text{gW.Yb}_L \text{fbYb} \text{$\check{z}'[...]} \text{Yf'k.} \text{i.} \text{fXYb'Ua.} \text{%'.} \text{"'\check{s}} \text{b}] \text{"C.d.} \text{ZYf'XYg'5} \text{i.} \text{ZghUbXg} \text{Yf]bbYfh''`<]Yf'k i. fXYb'Ua... \text{%'.} \text{"'\check{s}} \text{b}] \text{"%-.} \text{)'.} \text{X}]Y'J'YfghcfVYbYb} \text{VY][YgYhnh'' @Y]XYf']gh'X]YgY'; YXYb_ghAhhYž'X]Y'Y]bY} \text{A.} i. gW.Y`_U`_a Ui.Yf'i.bX'Y]bY'G_i. `dhi.f'XYg'6]`X\Ui.Yfg'? Uf'`K.Yb_Yi.a.ZUgghž'k.Yb][...VY_Ubbh''`=a...; Y[YbgUhn'XUni...k.]fX'Ui.Z'XYa} \text{NYbhfU`Zf]YX\cZ':f]YXf]W&gZY`XY'fY[Y`a...A»][...Ub'X]Y'CdZYf'Yf]bbYfhžk.Ug'nY][...hž'k.]Y'i.bhYfgW&]YX`]W'X]Y'9f]bbYfi.b[...g!'i.bX ; YXYb_i...hi.f']b'6Yf`]b'Ui.g[...YdfA[...hi]gh''}$

; YXYb_hU[Y'i bX'[YgYhn`]WXY': Y]YfhU[Y

8 Yf'%+"'* b]']gh'gY]h'%-) (']b'XYf'6i bXYgfYdi V`]_'8 Yi hgW\`UbX'i bX K Ygh!6Yf`]b'U`g'[YgYhn`]W\Yf': Y]YfhU['UbYf_Ubbh''*XYYg'*J\f'k]fX]b'6Yf`]b'Y]bY'?fUbnb]YXYf`Y[i b['ni f'9f]bbYfi b['Ub'X]Y'CdZYf XYg'J c`_gUi ZghUbXYg'Xi fW\[YZØ\fhž'cf[Ub]g]Yfh'j cb'XYf 6i bXYgfY[]Yfi b['i bX'XYa '6Yf`]bYf'GYbUh''8]Y'; YXYb_ghÀhhY']a K YXX]b[']gh'Y]b'gh]``Yf'Cfh'XYg'; YXYb_Ybgž'XYf'cZh']a 'GW\UhhYb [fÒ»YfYf'; YXYb_cfhY'V`Y]Vhž'UVYf'XYbbcW\'Y]b'k]W\h][Yg'NY]W\Yb ZØf'X]Y'5i ZUfVY]hi b['XYf'; YgW\]W\hY'XUfghY``h''

 $8 \ Yf'5i \ ZghUbX'j \ ca \ ``\%+"' \Rightarrow b]'\%-)' \ ``V`Y]Vh'Y]b'a \ Uf_UbhYf'Di \ b_h']a \\ ; \ YgWX]WX hgVYk i gghgY]b'XYf'8 Yi hgWXYb'i bX'X]Ybh'gck c\``U`g \\ A \ U\bi b[`U`g'Ui WX'U`g'9f]bbYfi b[`Ub'X]Y'GhfY]hYf'ZØf': fY]\Y]h'i bX \\ gcn]U`Y'; \ YfYWX h][_Y]hž'X]Y']b'XYf'XUa U`][Yb'NY]h'c Zh'Y]b'\c\Yg \\ F]g]_c'Y]b[]b[Ybž'i a ']\fY'Gh]a a Y'ni 'Yf\YVYb''$

8 Y hU]`g	
Cfh	< Ybb][gXcfZž*8YihgWX`UbX
EiY``Yb	• k YXX]b[k Y]gYf"XY
	• k k k "VdV"XY
	• k k k "\X["XY

6Ygi WXYb G]Y i bg Ui Z. bU[!VfUbXYbVi f["XY