

HUm`cf`Gk]Zh!: Ubg. `A]h`6U\b`Ui g`XYb`l G5 bUWX`; Y`gYb_]fWXYb`[YfY]gh°

I G!5a Yf]_UbYf'fY]gYb'ZØf'HUm`cf'Gk]Zhg'?cbnYfh']b; Y`gYb_]fWXYb'dYf'6U\b'i bX'`cVYb'ØVYffUgWXYbX'X]Y XYi hgWXY'DØb_h`]WX_Y]h'i bX'GUi VYf_Y]h"

=bhYfbUh]cbU`Y`HUm`cf`Gk]Zh': Ubg`ghÀf_Yb XYb`XYi hgWXYb`6U\bjYf_Y\f

8 Yf'A]hhk cW ž'%+"'** `]ž'a Uf_]YfhY 'XYb 'XYi hgW Yb '5i ZhU_h XYf'a]h GdUbbi b['Yfk UfhYhYb' 9fUg'Hci f 'j cb'HUm`cf'Gk]Zh']b ; Y`gYb_]fW Yb ž'XUg'j cb'j]Y`Yb'U`g' Gk]Zh_]fW Yb 'VYnY]W bYh k]fX"': Øf'X]Y'i bnÀ\`][Yb': Ubgž'X]Y'Ui g'j YfgW]YXYbYb'HY]`Yb'XYf K Y`h'fY]gYbž']gh'XYf'6Ygi W 'XYg'? cbnYfhYg'Y]bY'n]Ya `]W Y < YfUi gZcfXYfi b["'Hfchn'U``Yf'5bghfYb[i b[Yb'i bX'XYf'k Y]hYb 5bfY]gYž'ZUbXYb'nk Y]'I G!6Øf[Yf'Y]bY'Ui »Yf[Yk Ò\b`]W i b_ca d`]n]YfhY'@Ògi b["

FY]gY'j cb'XYb'l G5'bUW\'; Y`gYb_]fW\Yb

 $8]Y \cdot 5a Yf] = UbYf \cdot \cancel{X} ZZ \cdot f(\$ \pm i bX \cdot 5a UbXU \cdot fl \& \pm Yb hgWk)]Y \cdot XYb \cdot g]Wk \check{z}]Y \cdot fYb \cdot K Y['bUWk'; Y \cdot gYb =]fWk Yb \cdot ni '[YghU \cdot hYb \check{z}]bXYa 'g]Y \cdot ni Yfgh XYb \cdot 5h \cdot Ubh] = '\@VYfei YfhYb \cdot i bX \cdot XUbb \cdot a]h \cdot XYa \ Ni ['fY]ghYb'' \cdot 8]YgY 5bfY]gY \cdot k Uf \cdot b]Wk h \cdot bi f \cdot Y]b \cdot 6Yk Y]g \cdot Z@f \cdot] \ fY \cdot 6Y[Y]ghYfi b[\bar{z} \cdot gcbXYfb Ui Wk \ Z@f \cdot XUg \cdot Ub \ U \cdot hYbXY \ \div bhYfYggY \cdot Ub \cdot XYf \cdot 6U \ b \cdot U \cdot g i a k Y \cdot hZfYi bX \cdot]Wk Y \cdot 5 \cdot hYfb Uh]j Y \cdot]a \ J \ Yf[\ Y]Wk \cdot ni \ : \ i [fY]gYb'' \ K]f \ \ UVYb \ i bgYfY \cdot I bhYf = i bZh \ VYfY]hg \ HU[Y \cdot j cf \ XYa \ ? cbnYfh \ VYnc[Yb \ \bar{z} \ VYf]Wk \ hYhY \cdot 5a UbXU\ z'X]Y \cdot Ui g \cdot GYUhh \ Y \cdot ghUa a h'' \ \end{array}$

 $Dcg[h]j Y 9]bXfØW_Y XYf XYi hgWX Yb 6U\b$

8]Y'VY]XYb'I G!5a Yf]_UbYf'ghUi bhYb'ØVYf'X]Y'Ei U`]hÀh'XYg
XYi hgWXYb'GWX]YbYbj Yf_Y\fg": Øf'j]Y'Y'8Yi hgWXY']gh'X]Y
8Yi hgWXY'6U\b'cZh'N]Y''j cb'?f]h]_ž'XcWX'X]Y'A Y]bi b[Yb'XYf
6Ygi WXYf'Ui g', VYfgYY'_ÒbbhYb'X]Y'K U\fbY\a i b['g]WXYf
VYY]bZi ggYb"'5a UbXU'Ài »YfhY.' K]f'`]YVYb'XYi hgWXY'NØ[Y']a
J Yf['Y]WX'ni 'Ua Yf]_Ub]gWXYb"

DØb_h`]WX_Y]h'i bX'GUi VYf_Y]h

%ZZYf[AbnhY. 8]Y NØ[Y g]bX gc gUi VYf "K A\fYbX DYbX Yf]b
8 Yi hgWX `UbX a UbW a U` ØVYf X]Y `GUi VYf_Y]h XYf `NØ[Y Zfi ghf]Yfh
g]bX z gWX Y]bYb 'X]Y]bhYfbUh]cbU`Yb `6 Ygi WX Yf Y]bY `UbXYfY
DYfgdY_h]j Y Y]bni bY\a Yb" 5a UbXU `cVhY ni XYa 'X]Y
DØb_h`]WX_Y]h XYf `NØ[Y z k Ug]b `gWX Uf ZYb '? cbhfUgh ni 'XYb
9 fZU\fi b[Yb'j]Y`Yf XYi hgWX Yf FY]gYbXYf `ghY\hz X]Y `cZh a]h
J Yfgd Ahi b[Yb 'XYf 6U\b 'ni '_Aa d ZYb `\UVYb"

9]b [Ya]gWkhYg6]XXYf8YihgWkYb6U\b

8 Y b b c W `[U V `Y g `U i W `U b X Y f Y `G h]a a Y b " 5 V][U] ``f & & Ł `U i g @ I Ya V i f ['g d f U W `c ZZ Y b `Ø V Y f `] \ f Y `G c f [Y b `V Y n Ø [`] W `X Y f 8 Y i hg W X Y b `6 U \ b . ` K] f `k c ``h Y b `X] Y `G] W X Y f \ Y] h `\ U V Y b ž `\] Y f d Ø b _h `] W `U b n i _ca a Y b " K] f `\ U V Y b `g W X c b `9 f Z U \ f i b [Y b `a] h `X Y f 8 Y i hg W X Y b `6 U \ b `[Y a U W \ h " `G c `W X Y ? ca a Y b h U f Y `_ O b b h Y b `U i Z Y] b Y `h] Y Z Y f [Y \ Y b X Y `8 Y V U h h Y `Ø V Y f `X] Y `N i j Y f `A g g] [_Y] h `i b X E i U `] h À h `X Y g `6 U \ b j Y f _Y \ f g `] b `8 Y i hg W `U b X `\] b k Y] g Y b "

: Un]h. '9]b 'bYi Yf'6`]W_ 'Ui Z'X]Y '6U\bfY]gY

8]Y'<]b[UVY'XYf'Gk]Zh]Ygž'X]Y'b]W\h'bi f'Y]bY'`Ub[Y'5bfY]gY']b
?Ui Z'bY\a Ybž'gcbXYfb'Ui W\'X]Y'6U\bZU\fh']bg'<Yfn'XYf' 9fUg
Hci f '[Yb]Y» Ybž']gh'b]W\h'bi f'Y]bY'; YgW\]W\hY'ØVYf'A i g]_"'G]Y
nY][h'Ui W\ž'k]Y']bhYfbUh]cbU`Y'FY]gYbXY'X]Y'XYi hgW\Yb

JYf_Y\fgUb[YVchY'gW\AhnYb'_ObbYb''8]Y'dcg]h]j Y'FØW_a Y`Xi b[
_ObbhY'Y]b'5bgdcfb'ZØf'JYfUbhk cfh`]W\Y'gY]bž'X]Y
?i bXYbYfZU\fi b[Yb']a 'GW\]YbYbj Yf_Y\fini 'j YfVYggYfbž'k A\fYbX
g]Y'[`Y]W\nY]h]['Y]b'; YZØ\`XYf'JYfVi bXYb\Y]h'nk]gW\Yb

 $\label{eq:continuous} $$j\ YfgWX\]YXYbYb\?i\ hi\ fYb\gWX\UZZh"\8\]Y''\ 9fUg'Hcif '\ Uh'gca \]h'b\]WXh bi\ f'\]b'';\ Y\gYb_\]fWXYbZgcbXYfb'Ui\ WX''\]b'XYb''?\Od\ZYb'XYf'6Ygi\ WXYf Y\]bY''6f\@W_Y''\[YgWX\U''\]Yb'''$

B5;

8 Y hU] `c

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