

/ `h/d/ [h// `h/ghfcb[/ [h/A UWX h_Ua d Z VY]a 'Gd]Y[Y`. '5a Ubb'j g"'K]W_Yfh'VY] A U]gWX VYf[Yf/ `h/#ghfcb[/ [h// `h/#d/ [h/

 $8 \, \text{Uj cb'} \land \text{OfY'} \text{W. ini a 'YfghYb'A U' ' X} \text{YgY'5i ggU[Y'j cb'A Y`Ub]Y} \\ 5 a \, \text{Ubb} \text{Z'ghY''} \text{yfhfYhYbXY'7} \text{YZfYXU_hYi f]b'XYg'Gd]Y[Y`gž'gcf[hY']b} \\ \text{Y]bYf'U_hi Y''Yb'5i g[UVY'j cb' A U]gW.VYf[Yf' \overline{Z}\Off 8]g_i gg]cbYb'' \\ 6Y]'Y]bYa'; Ygdf\text{AW. ia]h'I `f]W\'K]\w_Yfh\text{Y'}\bYf'\@Y[YbXY'XYf HU[YggW\Ui \text{Z'[]b['Yg'i a 'X]Y'G]W\Yf\Y]h'j cb': fUi Yb']b'<Ua Vi f[\text{Z'}]bgVYgcbXYfY'Ua' \text{yb[ZYfbgh]Y['''K]}\w_Yfh'VY\Ui dhYhY\text{Z': fUi Yb} k \Off XYb'g]\W.'b]\W.h'a Y\f'hfUi Yb\text{Z'UVYbXg'Xcfh}\]b'ni' [Y\Yb'''$

5a Ubb 'nY][hY 'g]W 'ØVYffUgW hi bX 'bi hnhY 'Y]bYb 'VY`Y\fYbXYb HcbZU``ži a 'K]W_Yfhg'5i ggU[Y 'ni '\]bhYfZfU[Yb"' \Rightarrow fY'_cbhfcj YfgY FYU_h]cb'[]dZY`hY']b'XYf': YghghY``i b[.' 8 Uj cb'\OfY']W 'ni a YfghYb'A U`` "'G]Y 'ghY``hY'K]W_Yfhg' UbY_Xch]gW Y'9j]XYbn']b : fU[Y'i bX'ZfU[hY'bUW '_cb_fYhYb'Ei Y``Yb"'K]W_Yfh'V`]YV'fi \][i bX'Ubhk cfhYhY'gW `]W hž'XUgg']\a 'XUg'j cb'VYhfcZZYbYb': fUi Yb YfnÀ\`h'k i fXY"'8 Ug'; YgdfÀW '[]b['k Y]hYfž'XcW 'X]Y'I bhYfgW]YXY]b'XYf'6Yk Yfhi b['i bX'X]Y'XUni [Y\Of][Yb'I bhYfhObY'V`]YVYb i bj Yf_YbbVUf"'

8 Yf [fc» Y 5 i Zhf]hh j cb A Y `Ub]Y 5 a Ubb

\]bk Y]ghž'XUgg']\fY'5fh'U`g'\YfUV`UggYbX'Ya dZi bXYb'k i fXY"'G]Y _f]h]g]YfhY'K]_Yfh'XUZ\\\Øfž'XUgg'Yf'gc`\\XY'5i ggU[Yb'b]\\\\h'Ui Z gc`]XYf'6Ug]g'a U\\XYb'_\ObbY'i bX'gYhnhY' Y]b'_\Y]bYg : fU[YnY]\\XYb'\]bhYf'X]Y'UbY_Xch]g\\XY'9j]XYbn "

 $8]Y'8]g_i gg]cb'bU\a 'gWkbY```: U\fh'Ui Zž'U`g']b'XYb'gcn]U`Yb \\ B Yhnk Yf_Yb'F YU_h]cbYb'\cWk_cWk_hYb'''9]b][Y'Bi hnYf \\ i bhYfghØhnhYb'5a Ubbg'G_Ydg]gž'UbXYfY'ZUbXYb']\fY'< U`hi b['Y`]hÀf i bX'fYU`]hÀhgZYfb'''6YgcbXYfg'XUg'5f[i a Ybhž'XUgg'g]Y'nk Y]'HU[Y dfc'K cWkY']b'< Ua Vi f['gY]'i bX'XU\Yf'b]Wkhg'j cb'gc`WkYb \\ DfcV`Ya Yb'[Y\Ofh'\UVYž'k i fXY'Ub[Y[f]ZZYb'''?f]h]_Yf'k YfZYb']\f j cfž'XUgg']\fY'dYfgOb`]WkY'9fZU\fi b['b]Wkh'fYdfÀgYbhUh]j 'gY]'''$

=bhYfbY'? Aa dZY'VY]a 'Gd]Y[Y`

8]Y A U]gWXVYf[Yf !9d]gcXY _Ua _ni _Y]bYa _XYb_VUf i b[Øbgh][Yb NY]hdi b_h ZØf 5a Ubb i bX XYb Gd]Y[Y `" @Ui h 6Yf]WX hYb j cb 6i g]bYgg \dipg]XYf \YffgWXYb]b XYf < Ua Vi f[Yf F YXU_h]cb XYg Gd]Y[Y `g XYfnY]h a Ugg]j Y]bhYfbY GdUbbi b[Yb " 7 \ YZfYXU_hYi f 8]f_?i fV 1 k Y]h gY] i bhYf ghUf_Ya _8 fi W_ž XU g]b_YbXY J Yf_Ui ZgnU\ Yb i bX F Y `Yj Ubnj Yf i gh gY]bY Dcg]h]cb [YZÀ\fXYb " GdUbbi b[Yb a]h XYf ghY ``j YfhfYhYbXYb 7 \ YZfYXU_hYi f]b A Y `Ub]Y 5a Ubb hfU[Yb ni gÀhn `]WX ni _X]YgYa _Ub[YgdUbbhYb ? `]a U VY]"

5a Ubb 'gY 'Vgh'gc`` 'VYfY]hg'a Y\fYfY'J YfUbhk cfh']W_Y]hYb'j Yf`cfYb\UVYb'i bX'ghY\h'cZZYbVUf'Ui W\ 'i bhYf'J YfXUW\hž'i b`Ui hYfY A Yh\cXYb'Ub[Yk UbXh'ni '\UVYb'''Gc'VYf]W\hYh'B\\deq Gž'XUgg'5a Ubbi bX'k Y]hYfY': \emptyset \fi b[g_f\deq ZhY'j Yfgi W\h'\\deq hhYbž'Y]bY'?c``Y[]bUi gni gd]cb]YfYbž'X]Y'gYbg]V`Y'\deq Zcfa Uh]cbYb'[Y`YU_h'\UVYb'gc``''8]YgY'Jcf[\deq b[Y'k YfZYb'Y]b'VYnY]W\deq bYbXYg'@]W\h'Ui Z'X]YXYfnY]h][Yb'Ni gh\deq bXY']b'XYf'FYXU_h]cb'i bX'hfU[Yb'b]W\h'[YfUXYni f'6Yfi\][i b['XYf'@U[Y'VY]'''

5b[Yg]Wkhg'X]YgYf'9bhk]W_ii b[Yb'_ObbhY'X]Y'5i ZfY[i b['i a ']\fY 5i ggU[Yb'VY]' A U]gWkVYf[Yf 'HY]'Y]bYf'j]Y`'[fOxYfYb'; YgWk]WkhYgY]b' 'XYa ']bhYfbYb'A UWkh_Ua dZ'VY]a 'Gd]Y[Y'"'9]b][Y 6YcVUWkhYf'gdY_i `]YfYb'VYfY]hg'XUfØVYfž'cV'5a Ubbg'5i Zhf]hh'VY] A U]gWkVYf[Yf 'j]Y``Y]WkhY]b'HY]`']\fYg'ghfUhY[]gWkYb'?U`_Ø`g']a

? Ua dZi a 'XYb'7\YZqYqqY`k Uf"'

8]Y'8YVUhhY'ØVYf'XUg'G]WXYf\Y]hg[YZØ\``jcb:fUiYb']b; fc»ghÀXhYb'a U['Y]b'U_hiY``Yg'ibX'fY`YjUbhYg'H\Ya U'gY]bž'XcWXXYf'?cbhYlhž']b'XYa 'Yg'jcb'5a Ubb'ibX'K]W_Yfh'X]g_ih]Yfh'kifXYža UWXhY'XYih`]WXž'XUgg'\]Yf'a Y\f'U`g'bif'Y]b'Y]bZUWXYgAY]bib[gjYfgWX]YXYb\Y]h']a 'FUia'ghY\h''9g']gh'UiWX'Y]bGd]Y[Y`V]`X'XYf']bhYfbYb'?Àa dZY'ibX'XYf':fU[Yž'kYf'`Yhnh`]WX'X]Y8Yihib[g\c\Y]h']b'XYf'6Yf]WXhYfghUhhib['VYUbqdfiWXYb'_Ubb'''

8 Y hU1`a

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