

GWX k UfnYbVcfb 'ghUfhYh'9bYf[]Yk YbXY. BYi Yf'9bYf[]YdUf_']b 'D`Ubi b[

8]Y'9bYf[]Y[YbcggYbgW\UZh'GW\k\U`a!?bØ```ibX'X]Y'GhUXh GW\k\UfnYbVcfb'd`UbYb'[YaY]bgUa'Y]bYb'9bYf[]YdUf_'a]h K]bX!'ibX'Gc`UfUb`U[Yb"

GW.k UfnYbVcfb 'ghY\h']a ': c_i g'XYf'9bhk]W_`i b['YfbYi YfVUfYf 9bYf[]Yb"' \div Y]bYf'VYXYi hYbXYb'Ni gUa a YbUfVY]h'\UVYb'X]Y 9bYf[]Y[YbcggYbgW\UZh'GW\k U`a !?bØ``'Y; ž'X]Y'GhUXh GW\k UfnYbVcfb'i bX'X]Y'Gh\Xh]gW\Yb'K Yf_Y'5; '?UggY`'Y]bYb?ccdYfUh]cbgj YfhfU['i bhYfnY]W\bYhz'XYggYb'N]Y`'X]Y'9ff]W\hi b[Y]bYg'9bYf[]YdUf_g']gh"'8]YgYf'i a ZUggh'gck c\`'K]bX_fUZhUb`U[YbU`g'Ui W\'Y]bY'D\chcj c`hU]_!: fY]Z'\AW\YbUb`U[Yz'X]Y'ni gUa a Yb'ni f bUW\\U`h][Yb'Bi hni b['j cb'FYggci fWyb'VY]hfU[Yb'gc``Yb"

8]Y = D]h]Uh]j Y]ghY]b k]W h][Yf GW f]hh]a ? Ua dZ [Y [Yb XYb ?]a Uk UbXY i bX Zc [h XYa HfYbXž X]Y 9bYf[]Yj Yfgcf[i b [ni _i b Zhgg]W Yf i bX i a k Y hZfYi bX]W Yf ni [YghU hYb " 8]Y 9bYf[]Y [YbcggYbgW UZh GW k U a !? bØ `` Vf]b [h]\ fY fY []cbU Yb ? Ybbhb]ggY]b XUg Dfc Y_hY]b i bX ``Y[h [fc > Yb K Yfh Ui Z 6Øf[YfVYhY]] [i b [ž i a X]Y ; Ya Y]bgW UZh U_h]j]b XYb DfcnYgg Y]bni V]bXYb"

$DUfhbYfgWXUZhZØfbUWX \setminus Uh][Y9bhk]W_ib[$

8]Y'GhUXh'GW\k UfnYbVcfb'\Uh'g]W\'U`g'i bhYfghØhnYbXYf'DUfhbYf dcg]h]cb]Yfhž'k cVY]'XUg'J cf\UVYb'Ui W\'k]fhgW\UZh`]W\Y'J cfhY]`Y j Yfgdf]W\h''8i fW\'X]Y'[Yd`UbhYb'K]bX_fUZh!'i bX D\chcj c`hU]_Ub`U[Yb'k]fX'b]W\h'bi f'X]Y'`c_U`Y'9bYf[]Yk YbXY j cfUb[Yhf]YVYbž'gcbXYfb'Ui W\'bYi Y'9]bbU\a Yei Y``Yb'Xi fW\ ; Yk YfVYghYi Yfb'[YgW\UZZYb'''8]Y'Ni gUa a YbUfVY]h'nk]gW\Yb'XYb

5_hYi fYb Yfa Ò[`]W\h`Ygž'F Yggci fW\b YZZ]n]Ybh`ni 'bi hnYb'i bX [`Y]W\nY]h]['XUg'6Yk i gghgY]b 'ZØf'YfbYi YfVUfY '9bYf[]Yb']b 'XYf 6Yj Ò`_Yfi b['ni 'gW\ÀfZYb"

8]Y'GhÀXh]gWXYb'K Yf_Y'5; 'Vf]b[Yb'ni XYa']\fY': UWX_ca dYhYbn]a'6YfY]WX'YfbYi YfVUfY'9bYf[]Yb']b'XUg'Dfc'Y_h'Y]b''8]YgY 9I dYfh]gY'k]fX'YbhgWXY]XYbX'gY]bž'i a'g]WXYfni ghY``Ybž'XUgg'X]Y [Yd`UbhYb'5b`U[Yb'YZZ]n]Ybh'i bX'bUWX\U`h]['VYhf]YVYb'k YfXYb _ObbYb''8Yf'5i ghUi gWX'nk]gWXYb'XYb'DUfhbYfb'gc```X]Y 9bhk]W_`i b['i bX'XYb'6Yhf]YV'XYg'9bYf[]YdUf_g'Yf\YV`]WX j YfY]bZUWXYb''

8]Y'VYhY]`][hYb'JYfUbhk cfh`]W\Ybž'XUfi bhYf'K YfbYf'6fUi bž
A Uh\]Ug'Ghf]ddY`i bX'\$\alphaf[Yb'@]YVYfa Ubbž'i bhYfghfY]W\Yb'X]Y
K]W\h][_Y]h'X]YgYf'DUfhbYfgW\UZh"'\digVYgcbXYfY'6fUi bž'U`g
5i Zg]W\hgfUhgj cfg]hnYbXYf'XYf'9bYf[]Y[YbcggYbgW\UZhž'\YVh\Yfj cfž'XUgg'6\alphaf[YfVYhY]`][i b['i bX'HfUbgdUfYbn'nYbhfU`Y
9`Ya YbhY'XYg'DfcY_hg'gY]b'k YfXYbž'i a 'XUg'JYfhfUi Yb'XYf
6Yj O`_Yfi b['ni '[Yk]bbYb'i bX'X]Y'5_nYdhUbn'Z\alphaf'YfbYi YfVUfY
9bYf[]Yb'ni 'Z\alphafXYfb"

± XYf'\Yi h][Yb'NY]hž']b'XYf'XYf'?`]a Uk UbXY`Y]b'nYbhfU`Yg'H\Ya UXYf'[`cVU`Yb'5[YbXU']ghž'gYhnh'GWk UfnYbVcfb'a]h'X]YgYaDfcY_h'Y]b'NY]W\Yb'ZØf'X]Y'Bi hni b['YfbYi YfVUfYf'FYggci fWYb"'9gjYfXYi h`]W\hž'k]Y'GhÀXhY'i bX'; Ya Y]bXYb'Xi fW\'Ni gUa a YbUfVY]hi bX'±bcjUh]cbYb'ni f'FYXi_h]cb'j cb'7C&!9a]gg]cbYb'i bX'ni f: ÒfXYfi b['bUW\U`h][Yf'9bYf[]Ybi hni b['VY]hfU[Yb'_ÒbbYb"'8]YgY±b]h]Uh]j Y'_ÒbbhY'U`g'AcXY``'ZØf'j]Y`Y'UbXYfY'; Ya Y]bXYb'X]YbYbžX]Y'À\b`]W\Y'K Y[Y'Y]bgW\`U[Yb'a ÒW\hYb"

8 Yf 5 i ZhU_h X]YgYg k]W kh][Yb Dfc Y_hg k]f X a]h Gd Ubbi b[Yfk UfhYhž k À\fYb X X]Y 6 YhY]][hYb XUfUi Z \]bUfVY]hYb ž

 $VYghY \setminus YbXY' < YfUi gZcfXYfi b[Yb'ni 'a Y]ghYfb'i bX'X]Y'K Y]WXYb'ZØf Y]bY'bUWX \setminus U`h][Y'9bYf[]Yni _i bZh'ni 'ghY``Yb'''5```X]YgY'GWXf]hhY g]bX'b]WXh'bi f'ZØf'X]Y'FY[]cb'j cb'6YXYi hi b[ž'gcbXYfb'hfU[YbUi WX'ni f'9ffY]WXi b['bUh]cbU`Yf'i bX']bhYfbUh]cbU`Yf'?`]a Un]Y`Y VY]" \\$

8 Y hU]`c

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