

$\exists [YbX^]WXY^9Ihcfh]cb]ghYb^XYf^Ib]^{I}b$ $HYd]hc.^{7}]bYg]gWXY^< AbX^Yf^]a^{-1}J]g]Yf$

9]bY'_f]a]bY``Y'NY``Y'XYf'I b]i b'HYd]hc'YfdfYggh'W\]bYg]gW\Y < AbX`Yf']a 'NYbhfi a 'j cb'A YI]_c!GhUXh'a]h'\c\Yb GW\i hn[YVØ\fYb'i bX'8fc\i b[Yb"

± Y]bYa VYgcf[b]gYffY[YbXYb'A ca Ybh'ZØf'X]Y; YgWk ÀZhg]b\UVYf
]a '\]ghcf]gWkYb'NYbhfi a 'j cb'A Yl]_c!GhUXh'k i fXYb'nk Y]' 1 b[Y
A ÀbbYfž'VY_Ubbh'U`g' 9` ≯fgcb 'i bX' 9` 8]gbYm ž'j cb'XYb
6Y\ÒfXYb'ZYgh[Ybca a Yb"'→fY'j Yfa Y]bh']WkY'Ni [Y\Òf][_Y]h'ni
Y]bYf'VYY]bXfi W_YbX'g_fi dY``cgYb'_f]a]bY``Yb'6UbXYž'XYa '7½fhY`
XY``U'l b]Ï b'HYd]hcž'Vf]b[h'XUg'gWkcW_]YfYbXY'5i ga U» 'XYf
9l hcfh]cb'i bX'6YXfc\i b['Ub'X]Y'2 ZZYbh']Wk_Y]h"'8]YgY'A ÀbbYfž
_Ui a 'À`hYf'U`g'&) '≯U\fYž'gc``Yb'j cb'XYb'Wk]bYg]gWkYb'<ÀbX`Yfb
i bhYf'5bXfc\i b['j cb'; Yk U`h'i bX'gc[Uf'9bhZØ\fi b['GWki hn[Y`XYf]b'<Ò\Y'j cb'V]g'ni') \$"\$\$\$'DYgcg'j Yf`Ub[h\\UVYb"

8]Y'bUh]cbU`Yb'G]WXYf\Y]hgVY\ÒfXYb'nY][hYb'g]WX'YbhgWX`cggYbž
[Y[Yb'X]YgY:cfa 'XYf']``Y[U`Yb'AUWXhUi gØVi b['j cfni [Y\Ybž'X]Yb]WXh'bi f'X]Y'; YgWXÀZhYž'gcbXYfb'Ui WX'XUg'U``hÀ[`]WXY'@YVYb'XYf5bkc\bYf']b'A]h`Y]XYbgWXUZh'n]Y\h'''@Ui h'XYa '&i fbU`]ghYb5bhcb]c'B]Yhcž'gdYn]U`]g]Yfh'Ui Z'H\YaYb'XYg'8fc[Yb\UbXY`gž\UVYb''9``*\fgcb''i bX''9``8]gbYm''Xi fWX'Vfi hU`Yg'Jcf[Y\Yb'X]YWX]bYg]gWXY'; YaY]bgWXUZh']a 'NYbhfi a'Y]b[YgWXØWXhYfh'''G]Yki fXYb'VYgWXi 'X][hž'; YkU`h'Ubni kYbXYb'i bX'8fc\i b[YbUi gni gdfYWXYbži a'X]Y'' Ei chYb''ni 'g]WXYfbž'X]Y'j cb'XYf'I b]cbHYd]hc'ZYgh[Y`Y[h'ki fXYb''

9]b'Xi b_`Yg'? Ud]hY`.'A cfXY'i bX 6YXfc\i b[Yb 8]Y [YgW Y\YbY ; Yk U`h']gh'b]W h'bYi ']b 'XYf'FY[]cb"'9]b hfU[]gW Yg '6Y]gd]Y` ']gh'XYf'A cfX 'Ub 'nk Y] '_`Y]bYb 'Nk]``]b[Ybž'5`Ub i bX '< ÅWhcfž']a 'J\\f'&\$&\$ZX]Y 'Ui Z[fi bX]\\fYf'J YfV]bXi b['ni f 8 fc[Yb_f]a]bU`]hÀh'[YhÒhYh'i bX 'j YfghØa a Y`h'Ui Z[YZ bXYb k i fXYb"'8]Y '6Y\\OfXYb'j YfZc`[Yb']b'X]YgYf'5b[Y`Y[Yb\Y]h a Y\\fYfY'Yfa]hh`i b[gVUg]YfhY' < mdch\YgYbž'X]Y'j cb'F UWXYU_hYb V]g'\]b'ni 'dYfgOb`]WXYb'F]j U`]hÀhYb'fY]WXYb"'8]YgYg'J YfY]bYb'j cb; Yk U`h'i bX'8fc[Yb_f]a]bU`]hÀh'j YffAh'XUg'h]YZ'j Yfk i fnY`hY DfcV`Ya ']b'XYf'FY[]cbž']b'XYf'g]WX 'XUg'J YfVfYWXYbgb]j YUi 'Xi fWX f]j U`]g]YfYbXY'; fi ddYb'k]Y'X]Y'I b]cb'HYd]hc'k Y]hYf'ni gd]hnh"

8]Y 'VY]XYb '¾ b[Ybž'%&'i bX'%('¾\\fY'U`hž'j YfX]YbhYb'g]W\']\f'6fch Xi fW\'XYb'J Yf_Ui Z'j cb'GØ»][_Y]hYb"'8Yf'I a ghUbXž'XUgg'?]bXYf']b gc`W\'[fUi Ybj c``Yb'J Yfghf]W_i b[Yb'YbXYbž'j YfXYi h`]W\h'X]Y 6fi hU`]hÀh'i bX'G_fi dY``cg][_Y]hž'a]h'XYf'X]YgY'_f]a]bY``Yb Cf[Ub]gUh]cbYb'U[]YfYb"'6]g\Yf'k i fXYb'VYfY]hg'XfY]'A]h[`]YXYf XYf'I b]cb'HYd]hc'ZØf']\fY'HUhYb'ni',) '¾\fYb'<UZh'j Yfi fhY]`hž'i bX Yg'k]fX'Yfk UfhYhž'XUgg' 9``¾fgcb'i bX' 9``8]gbYm'XYa bÀW\gh\]bni [YZØ[h'k YfXYb"

Ni gàhn`]W. 'VYgW.fY]Vh'XYf' & i fbU`]gh'5fhi fc 'G]YffU'X]Y 'XYfnY]h][Y : fi W.h'Y]bYg'K YhghfY]hg'nk]gW.Yb'W.]bYg]gW.Yb'i bX _cfYUb]gW.Yb' < ÀbX`Yfb'i a 'X]Y'?cbhfc``Y'XYf'; YgW.ÀZhY']a NYbhfi a 'j cb'A YI]_c!GhUXh" 8]YgY'F]j U`]hÀh'i bhYf'XYb; YgW.ÀZhg]b\UVYfb'n]Y\h'X]Y'5i Za Yf_gUa _Y]h'XYf'_f]a]bY``Yb; fi dd]Yfi b[Yb'Ui Z'g]W.Ž'X]Y'YVYbZU``g'i a 'X]Y'Jcf\YffgW.UZh']b XYb'JYfVfYW.Yb'k]Y'9fdfYggi b['i bX'9bhZØ\fi b[Yb'_Aa dZYb'' 9]b][Y'<ÀbX`Yf'VYf]W.hYbž'XUgg'g]Y'bU\Yni '[Ynk i b[Yb'g]bXž GW.i hn[Y`XYf'Ub'X]Y'I b]cb'HYd]hc'ni 'nU\`Ybž'k À\fYbX'UbXYfY g]W.'[Ynk i b[Yb'gU\Ybž']b'g]W.YfYfY'; YV]YhY'Ui gni k Y]W.Ybž'i a XYb'ghÀbX][Yb'6YXfc\i b[Yb'ni 'Ybh_ca a Yb''

8]Y'9]bgWXØWXhYfi b['XYf'<ÀbX`Yf'YfghfYW_h'g]WX'ØVYf'U``Y 6YfY]WXY'XYf'; YgWXÀZhgncbYb", VYfk UWXi b[gV]`XYf'nY][Yb'X]Y VY]XYb': Ygh[Ybca a YbYbž'X]Y'j cf'; YgWXÀZhYb'YfgWXY]bYb'i bX X]Y'JYf_Ài ZYf'ni f'NU\`i b[']\fYf' Ei chYb 'XfÀb[Yb"'+b'Y]bYa gc`WXYb': U``ž'k c'g]WX'Y]b'JYfghc»'[Y[Yb'X]Y NU\`i b[gUi ZZcfXYfi b['YfY][bYhž'Xfc\Yb']\bYb'Yfbgh\UZhY': c`[Ybž Y]bgWX`]Y»`]WX`9bhZØ\fib[`cXYf`GWX`]a a YfYa "'JYfXÀWXh][ib[YbkY]gh'XUfUiZ'\]bž'XUgg`g]Y`ibhYf`XYf`?cbhfc``Y`jcb`9``≢j]b[U[]YfhYbž'Y]bYa `]b\UZh]YfhYb''A Ubbž'XYf'U`g`5bZØ\fYf'Y]bYfUbXYfYb'_f]a]bY``Yb'NY``Y'[]`h"

8]Y'6fi hU`]hÀh'X]YgYf'JYfVfYWXYb'nY][hžk]Y'h]YZ[fY]ZYbX'X]Y'AUWXh
XYf'_f]a]bY``Yb'6UbXYb']a'<YfnYb'jcb'AYI]_c!GhUXh']gh"'8Ug
5i ga U» 'XYf'6YXfc\i b[Yb'ZØf'X]Y'<ÀbX`Yf'i bX'X]Y'ghÀbX][Y
5b[gh'i a 'X]Y'G]WXYf\Y]h'XYf'Y][YbYb': Ua]`]Yb'i bX'; YgWXÀZhY
g]bX'GmadhcaY'Y]bYg'kY]h'jYfVfY]hYhYb'DfcV`Yag"'=b'Y]bYf'GhUXhž
]b'XYf'XYf']bZcfaY``Y'<UbXY``kY]h'jYfVfY]hYh']ghž'k]fX'XUg'Kcfh
G]WXYf\Y]h'ni 'Y]bYa'Ài»Yfgh'kYfhjc``Yb'; i h"

8 YhU]`q

6 Ygi WX Yb 'G]Y i bg 'Ui Z 'b!U["XY