

K]Y XUg i [Yb XUa h A U]bn!6]b[Yb [Y[Yb ; Yk U h i b X 8fc \ i b[Yb _ Aa d Zh

A]hUfVY]hYf`XYg`≯[YbXUa hYg`A U]bn!6]b[Yb`VYf]WXhYb`ØVYfghY][YbXY`5[[fYgg]cbYb`i bX`G]WXYf\Y]hga U»bU\a Yb`ni a GWXi hn`XYf`6YgWXÀZh][hYb"

± XYb `YhnhYb '≯U\fYb `\Uh'g]W\ XUg'? `]a U']b'j]Y`Yb 'ÒZZYbh`]W\Yb 6Y\ÒfXYb'j YfgW\ÀfZh" 6YgcbXYfg']a '¾ [YbXUa h'XYg'?fY]gYg'A U]bn! 6]b[Yb'Yf`YVYb'X]Y'A]hUfVY]hYfž'k]Y'6YXfc\i b[Yb'i bX 5[[fYgg]cbYb'ni bY\a Yb"'9]bY``Ub['À\f][Y'A]hUfVY]hYf]bž'X]Y Ubcbma 'V`Y]VYb'a ÒW\hYž'gW\]`XYfh']\fY'9fZU\fi b[Yb']b'Y]bYa Y]bXf]b[`]W\Yb'6Yf]W\hž']b'XYa 'g]Y'X]Y'VYj cfghY\YbXYb JYfÀbXYfi b[Yb'i bX'G]W\Yf\Y]hga U» bU\a Yb'XYg'¾ [YbXUa hYg h\Ya Uh]g]Yfh"

 $8 \ Ug^5[[fYgg]cbgdchYbn]U^*XYf^?^]Ybh]bbYb^*ibX^?^]YbhYb^*\setminus Uh^]b$ $XYb^*j\ Yf[Ub[YbYb^*]\downarrow fYb^*XYih^*]W^*ni[YbcaaYb^*z^{V}YgW^*fY]Vh^*X]Y$ $A\]hUfVY]hYf]b^*]\downarrow fY^6YcVUW^*hib[Yb^*8]YgY^*VYgcf[b]gYffY[YbXY^*9bhk]W^*ib[]gh^b]W^*h^*UiZ^*Y]bY^*VYgh]aahY^?^]YbhY^*VYgW^*fÅb_h^*g]YnY][h^*g]W^*]b^*U^*Yb^*gcn]U^*Yb^*GW^*]W^*hYb^*ibX^*\setminus Uh^*]b^*\mathcal{O}b[ghYf^*NY]h^*niY]bYa^*5bgh]Y[^*jcb^*,VYf[f]ZZYb^*[YZ\mathbb{O}h^*]b^*A^*k^*ifXY^*Ub[YgW^*f]Yb^*Z^*VY^*Y]X][h^*z_O^fdYf^*]W^*ibhYf^8fiW_^*[YgYhnh^*ibX^*gc[Uf^*a]h^*Y]bYa^*A^*YggYf^*VYXfc^h^*z^*VYf]W^*hYh^*g]Y^*a]h^*VYgcf[b]gYffY[YbXYa^*BUW^*XfiW^*"$

, VYf[f]ZZY i bX 6YXfc\i b[Yb Ub XYf HU[YgcfXbi b[

 $8]Y `6YXfc i b [Yb \check{z}'XYbYb `X]Y `A]hUfVY]hYf `Ui g [YgYhnh `g]bX \check{z}' [Y \setminus Ybk Y]h `\emptyset VYf `j YfVU `Y `5b [f]ZZY `\]bUi g "`9]bY `J]Y `nU \ ``j cb `? `]YbhYb `\ Uhb]W h'bi f'j YfVU ``a]h `XYa `HcX `[YXfc \ h \check{z}'gcbXYfb `Ui W `_ OfdYf`]W Y$

K]f`\UVYb`ghÀbX][`Y]b`5i [Y`XUfUi Zžk Yf`]b`i bgYfY`6Øfcg_ca a h žgU[h'X]Y`A]hUfVY]hYf]b`XYg'¾ [YbXUa hYgž'X]Y`X]Y
G]W\Yf\Y]hga U» bU\a Yb`XYf`?fY]gj Yfk U`hi b[``cVh"'→\fY`5VhY]`i b[\Uh'Y]b`bYi Yg`G]W\Yf\Y]hg_cbnYdh`Ybhk]W_Y`hž'XUg'X]Y`5b_i bZh j cb`?`]YbhYb`VYggYf`ghYi Yfh"'Bi f`gc`W\Yž'X]Y`Y]bYb`HYfa]b j YfY]bVUfh`\UVYbž'XØfZYb`X]Y`6Øfcg`VYhfYhYb"' 8Ug`Yfa Ò[`]W\h'Yg i bgž'i bg`VYggYf`Ui Z'a Ò[`]W\Y`?cbZ]_hg]hi Uh]cbYb`j cfni VYfY]hYb ž Yf_`Àfh`g]Y"

I a ZUggYbXY'G]W\Yf\Y]hga U»bU\a Yb']b D`Ubi b[

Ni f'k Y]hYfYb'J YfVYggYfi b['XYf'G]WXYf\Y]h'd`Ubh'X]Y
?fY]gj Yfk U`hi b['i a ZUggYbXY'I a VUi hYb'Ub'XYb'VY]XYb
<Ui dhghUbXcfhYb']b'\d=b[Y`\Y]a "'5V'C_hcVYf'k YfXYb'7\YW_!]b
HYfa]bU`g']bghU``]Yfhži a 'ni '_cbhfc``]YfYbžk Yf'X]Y'; YVÀi XY
VYhfYhYb'i bX'gca]h'XYb'Ni [Ub['ni 'VYgWXfÀb_Yb"'8]YgY
A U» bU\a Yb'gc``Yb'XYb'A]hUfVY]hYfb'Y]b'\O\YfYg'A U» 'Ub
G]WXYf\Y]h'V]YhYb'i bX'X]Y'Ub[YgdUbbhY'G]hi Uh]cb']b'XYb
6Y\OfXYb'YbhgdUbbYb"'8]Y'6Ui UfVY]hYb'gc``Yb'V]g'ni a
_ca a YbXYb': fØ\'U\f'UV[YgWX`cggYb'gY]b"

9]bY'_cbghUbh'k UWkgYbXY'NU\`ij cb'_f]h]gWkYb'; YgdfÀWkYb'nk]b[h X]Y'A]hUfVY]hYfž'cZh'ni gÀhn`]Wk'X]Y'Dc`]nY]'cXYf'XYb'?fY]gX]Ybgh \]bni ni n]Y\Yb"'8]Y'6Ygcf[b]g'i a 'X]Y'Y][YbY'G]WkYf\Y]h VYY]bZi ggh'b]Wkh'bi f'XYb'5``hU['XYf'6YhfcZZYbYbž'gcbXYfb'\Uh Ui Wk'X]fY_hY'5i gk]f_i b[Yb'Ui Z'X]Y'5fVY]hgUha cgd\ÀfY"' K]f ZØ\`Yb'i bg'Y]bZUWk'b]Wkh'a Y\f'g]WkYf ž'gc'X]Y'A]hUfVY]hYf]b"'8]Y I bhYfghØhni b['j cb'?c``Y[Yb']b'gWkk]Yf][Yb'; YgdfÀWkYb']gh'Y]b

$k Y = hY fY fDi b_hZXY b gY Ug Yk bVfb YbX YfUW hYh$

8]Y'gW\cW_]YfYbXYb'9f`YVb]ggY'XYf'A]hUfVY]hYf']a '** [YbXUah AU]bn!6]b[Yb'gd]Y[Y'b'Y]b'kY]h'Ài Z][Yg'DfcV`Ya'k]XYf"'J]Y`Y

OZZYbh`]W\Y'9]bf]W\hi b[Yb'gY\Yb'g]W\a]hh`YfkY]`Y']b'À\b`]W\Yb
G]hi Uh]cbYb'k]YXYf"'8Ua]h'X]Y'A]hUfVY]hYf']\fYf'5fVY]h'kY]hYf\]b
g]W\Yf'bUW\[Y\Yb'_\ObbYbz'g]bX'i a ZUggYbXY'AU»bU\aYb
i bYf`Agg`]W\"'9g'V`Y]Vh'ni '\cZZYbz'XUgg'X]Y'[Yd`UbhYb'ŸbXYfi b[Yb]b'XYf'?fY]gj Yfk U`hi b['b]W\h'bi f'X]Y'G]W\Yf\Y]h'j YfVYggYfbz'
gcbXYfb'Ui W\'XUni 'VY]hfU[Ybz'Y]b'fYgdY_hj c``Yg'A]hY]bUbXYf
nk]gW\Yb'?`]YbhYb'i bX'6YgW\AZh][hYb'ni 'ZOfXYfb"

8 YhU]`g

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