

7G8'i bhYf'8fi W_.'5bgh]Y[ei YYfZY]bX`]WXYf'5b[f]ZZY'gcf[h'ZØf 5b[gh°

5bgh]Y['ei YYfZY]bX`]WXYf'GhfUZhUhYb']b'8Yi hgWX`UbX.'7G8! 8Ya cbghfUh]cbYb'&\$&) 'gY\Yb'g]WX'ni bY\a YbXYb 6YXfc\i b[Yb'i bX'; Y[YbU_h]cbYb'[Y[YbØVYf"



< Ubbcj Yfž'8 Yi hgWX`Ub X'!'5_hi Y```g]Y\h'g]WX`X]Y'ei YYfY
; Ya Y]bgWX UZh']b'8 Yi hgWX`Ub X'Y]bYf'VYgcf[b]gYffY[Yb XYb
Ni bU\a Y'j cb'6YXfc\i b[Yb'i bX'; Yk U`h'Ui g[YgYhnh"'8]Yg'k]fX
VYgcb XYfg'XYi h`]WX']a '?cbhYl h'XYf'VYj cfghY\Yb XYb
8 Ya cbghfUh]cbYb'ni a '7\f]ghcd\Yf'GhfYYh'8 Um'fl7 G8 Ł"'@Ui h'F UX]c
? O`b'\UVYb'X]Y'5bZY]bXi b[Yb'[Y[Yb'X]Y'8 Ya cbghfUh]cbYb']b
XYb'`YhnhYb'\J\fYb'XYi h`]WX'ni [Ybca a Yb"'9]b'6Ygcf[b]g
YffY[YbXYf'HfYbXž'XYb'? U]'6O``Yž'J cfghUbXga]h[`]YX'XYg'J YfY]bg
7 G8 '8 Yi hgWX`UbXž'U`g'U`Ufa]YfYbX'VYgWXfY]Vh"</pre>

9]b '6']W_'Ui Z'X]Y 'NU\ 'Yb. '=a 'j Yf[Ub[YbYb '=J\ f'[UV 'Yg']bg[YgUa h

%) \$ '7G8!J YfUbghU`hi b[Ybž'Ub 'XYbYb'ØVYf'XfY]'A]``]cbYb
A YbgWXYb'hY]`bU\a Yb"'8]YgY'J]Y`ZU`h'k]fX'YXcWX'Xi fWX'X]Y
ni bY\a YbXYb'6YXfc\i b[Yb'i bX'X]Y'Gh]a a i b['XYf'5b[ghž'X]Y
Xi fWX'Vfi hU`Y'BUWXU\a Yf'i bX'X]Y'5i Zfi ZY'ni '; Y[YbU_h]cbYb'j cb
fYWXhYb'; fi dd]Yfi b[Yb'YbhghY\Ybž'ghUf_'VYY]bhfÀWXh][h"

GhUh]gh]_Yb i b X `Ni b U\a Y 'ei Y Y f ZY]b X `]WX Y f Ghf U ZhUhY b

 $6 YgcbXYfg'U`Ufa]YfYbX']gh'X]Y'9bhk]W_`ib[']a '6YfY]WX'XYfdc`]h]gWX'ach]j]YfhYb'?f]a]bU`]hÀh''=a '$U\f'&$&' 'YfZUgghY'XYf?f]a]bU`dc`]nY]`]WXY'AY`XYX]Ybgh']bg[YgUah'%+"$$+':À``Y'jcb
 <Ugg_f]a]bU`]hÀhž'XUfibhYf'%"+,)'[Y[Yb'eiYYfY'AYbgWXYb"'8]Y8ib_Y`n]ZZYf'gc`WXYf'GhfUZhUhYb']gh'gY\f'\cWXZXU'nU\`fY]WXY\,VYf[f]ZZY'b]WXh'Ub[YnY][h'kYfXYb"'5bnY]WXYb'jcb'<cacd\cV]YibX'HfUbgZY]bX`]WX_Y]h'aUWXYb'Yg'j]Y`Yb'nia'CdZYfž']\fY$

? Ua $dZ[Y[Yb < Ugg_f]a]bU`]hÀh$

8]Y '6i bXYgfY[]Yfi b['\Uh'fYU[]Yfh'i bX'ZcfXYfh'Y]bY'_cbgYei YbhY $JYfZc^{[i]}$ b['X]YgYf'5fhYb'j cb'; Yk U'h"' \Rightarrow bYba]b]ghYf]b'BUbWh : UYgYf'\Uh'Y]bYb'5fVY]hg_fY]g'ni f'6Y_Àa dZi b['\ca cd\cVYf'i bX hfUbgZY]bX`]WXYf'; Yk U'h']bg'@YVYb'[Yfi ZYbž'XYggYb 5VgWX`i ggVYf]WXh'VY]'XYf' \Rightarrow ?!: $f\emptyset$ \'U\fg_cbZYfYbn'&\$&' j cf[YghY``h'k i fXY"'8]Y']a '6Yf]WXh'Ybh\U`hYbYb'9a dZY\`i b[Yb'ni f

9fghY``i b['Y]bYg'i a ZUggYbXYb'6Yf]Wkhg'ØVYf'X]Y
_f]a]bU`]hÀhgVYnc[YbY'G]WkYf\Y]h'ei YYfYf'A YbgWkYb'nY][Ybž'XUgg
X]Y'6Y\ÒfXYb'X]Y'8f]b[`]Wk_Y]h'i bX'K]Wkh][_Y]h'XYg'H\Ya Ug
Yf_Ubbh'\UVYb"

8]Y; YgWXY\b]ggYfibXia X]Y7G8!8Ya cbghfUh]cbYbia UWXYbXYih`]W\ZXUgg'\OVYf'\&+'cf[Ub]g]YfhY; Y[YbU_h]cbYb'jcbfYWXhgYIhfYaYb; fiddYb'\Z\Of'\XUg'\J\\f'\&\\$\(('[Yn\A\`h'kifXYb''\]8]YgY'G]hUh]cb'\VY`\UghYh'\X]Y'eiYYfY; YaY]bg\W\UZh'g\W\kYf''\6YXfc\ib[gaU]`g'\Ub'\X]Y'\JYf\UbghU`hYf'hfU[Yb'nif'\9fnYi[ib[Y]bYg'?`]aUg'\XYf'\5b[gh'\Y]\Z']b'\XYa'\HY]`bY\aYb\XY'jYf\UVfY\XYb\Z']b; fiddYb'nif'\8Yac'ni'[Y\Yb''

 $8 \ Yf? \ Ua \ dZ[Y[Yb`X]YgY`8]g_f]a \]b]Yfi \ b[\ `V`Y]Vh`k \ Y]hYf\]b`Y]bY \\ < YfUi \ gZcfXYfi \ b[\ "`8]Y`]b`XYb``YhnhYb`$J\ fYb`[Ygh]Y[YbYb \\ : U``nU\`Yb`nY][Yb`X]Y`k UW\gYbXY`G]W\hVUf_Y]h`XYf \\ < YfUi \ gZcfXYfi \ b[Ybž'a]h`XYbYb`X]Y`@G6H£{!}; Ya Y]bgW\UZh \\ _cbZfcbh]Yfh`]gh"`K Ug`V`Y]Vhž']gh`X]Y`< cZZbi \ b[`Ui Z'Y]bY`g]W\YfY`i bX ZU]fY`Ni _i bZhž']b`XYf`^XXY.f`c\bY`5b[gh``YVYb`_Ubb"$

Ni gUa a YbZUggYbX'V`Y]Vh'ZYghni \U`hYbž'XUgg'X]Y'G]hi Uh]cb'ZØf'X]Y ei YYfY'; Ya Y]bgW\UZh']b'8Yi hgW\`UbX'U``Yg'UbXYfY'U`g'Y]bZUW\']gh" 9]b'YbhgW\`cggYbYf'[Ya Y]bgUa Yf'I a [Ub['a]h'XYf'UbghY][YbXYb; Yk U`h']gh'Xf]b[YbX'bchk YbX]['''ni a 'GW\i hn'U``Yf"

8 Y hU]`g	
Cfh	< Ubbcj Yfž'8 Yi hgWX `UbX
EiY``Yb	• k k k "fUX]c_cY`b"XY
	• k k k "hU[YggW\Ui "XY
	• k k k "V_U"XY

6 Ygi WX Yb 'G]Y 'i bg 'Ui Z. 'a Y]b!_cY`b "bYh