

K Y`h_f]Y[gVca VY`]b`? Ò`b!FcXYb_]fWXYb YfZc`[fY]WX`YbhgWXÀfZh°

5a '%+"' \Rightarrow b]'&\$&) 'k i fXY']b'? Ò`b!FcXYb_]fWXYb'Y]bY'K K \Rightarrow 6ca VY'YfZc`[fY]WX'YbhgWXÀfZh"'5bk c\bYf'k i fXYb'Yj U_i]Yfhž XYf'; YZU\fYbVYfY]WX'UV[YgdYffh"



? O`b!FcXYb_]fWXYbž8Yi hgWX`UbX'!'\D`? O`b!FcXYb_]fWXYb k i fXY'Ua `\Yi h][Yb'HU['Y]bY:`]Y[YfVca VY'Ui g'XYa `Nk Y]hYb K Y`h_f]Y['YbhgWX AfZhži bX'Yg'\Uh'U``Yg'fY]Vi b[g`cg'[Y_`Uddh"'8]Y %&) '?]`c[fUa a 'gWXk YfY'6ca VY'k i fXY']a '6YfY]WX'XYg :i WXg_Ui `Ybk Y[g'i bX'XYg'I bhYfYb'K Y]» Yb'K Y[Yg'YbhXYW_hž'k Ug ZØf'Y]b][Y'5i ZfY[i b[']b'XYf'BUWX VUfgWX UZh'gcf[hY''8Yf'?Ua dZa]hhY`VYgY]h][i b[gX]Ybgh'ZØ\fhY'X]Y'9bhgWX AfZi b['Ua 8]YbghU[bUWXa]hhU['Xi fWX''8UVY]'a i gghY'Y]b'; YZU\fYbVYfY]WX a]hYY]bYa 'F UX]i g'j cb'' \$\$'A YhYfb'Y]b[Yf]WXhYh'k YfXYbž]bbYf\U`V'XYggYb'fi bX'&\$'5bk c\bYf'j cfgcf[`]WX'Yj U_i]Yfh k i fXYb"BUWX XYa 'YfZc`[fY]WXYb'5VgWX`i gg'XYf'5fVY]hYb'_cbbhYbX]Y'GdYffi b['Yb'gWXf]hhk Y]gY'k]YXYf'Ui Z[Y\cVYb'k YfXYb"

8]Y'GhUXh'\Uh'X]Y'5bk c\bYf'i bX'J Yf_Y\fghY]'bY\a Yf'[YVYhYbž X]Y'VYhfcZZYbY'; Y[YbX'k Y]hfÀi a]['ni 'i a ZU\fYb"'GdUn]Yf[Àb[Yfb k i fXY'[YfUhYbž'X]Y'5VgdYffi b[Yb'ni 'VYUW\hYb'i bX'b]W\h ei YfZY'XY]b'ni '`Ui ZYb"'GhfU» YbgdYffYb'k i fXYb'Ub'a Y\fYfYb GhY``Yb'Y]b[Yf]W\hYhž'i bhYf'UbXYfYa 'Ua ': i W\g_Ui `Ybk Y['i bX'Ua I bhYfYb'K Y]» Yb'K Y[ži a 'Y]bY'g]W\YfY'8i fW\ZØ\fi b['XYf 9bhqW\AfZi b['ni '[Yk \A\f`Y]ghYb"

<]ghcf]gWXYf'?cbhYIh'ibX'k]YXYf\c`hY 9fY][b]ggY</pre>

Gc`WXY'9]bgÀhnY'g]bX']b'XYf'FY[]cb'b]WXh'gY`hYb"'9fgh'Ua'&%"
5i [i gh'&\$&('k i fXY']b'?Ò`b!FcXYb_]fWXYb'Y]bY'Ua Yf]_Ub]gWXY
: ØbZNYbhbYf!6ca VY'[YZ|bXYb"'8]YgY'9bhXYW_i b['[YgWXU\k\A\fYbX'GcbX]Yfi b[gUfVY]hYb']a'6YfY]WX'XYg': f]YX\cZg'Ub'XYf
GØfh\Yf'GhfU»Y"'8Yf'? Ua dZa]hhY`VYgY]h][i b[gX]Ybgh'XYf
6Yn]f_gfY[]Yfi b['8 ØggY`XcfZ'_cbbhY'Ui WX'X]YgY'6ca VY
YfZc`[fY]WX'YbhgWX\AfZYbZ'YXcWX'a i gghY'XUZØf'Y]b'k Y]h'[fÒ»YfYf
; YZU\fYbVYfY]WX'a]h'Y]bYa'FUX]i g'j cb'(\$\$'AYhYfb'Y]b[Yf]WXhYh
k YfXYbZ'k Ug'X]Y'9j U_i]Yfi b['j cb'fi bX'&"\$\$\$'5bk c\bYfb'ni f
: c`[Y'\UhhY"': Øf'X]YgYb'9]bgUhn'k UfYb'' + '9]bgUhn_f\AZhY'XYg
CfXbi b[gX]YbghYg'i bX'nU\`fY]WX'ZfY]k]``][Y'<Y`ZYf'U_h]j'"

8]Y'6Y_Àa dZi b['j cb'? Ua dZa]hhY`bžk]Y'k]f'g]Y']b'? Ò`b'Yf`YVYbž]ghY]bY'Yfbgh\UZhY'5i Z[UVYžX]Y'g]WX'a]h'XYf'6YgY]h][i b['j cb b]WX h'Yl d`cX]YfhYb'A i b]h]cbg[Y[YbghÀbXYb'VYgWX\AZh][h''K]Y'Ui Z XYf'K YVgY]hY'j cb'K]_]dYX]U'VYgWXf]YVYbž'i a ZUggh'X]Y? Ua dZa]hhY`VYgY]h][i b[']b'8Yi hgWX`UbX'gck c\`'n]j]`Y'U`g'Ui WX a]`]h\Af]gWXY'5gdY_hYž'k cVY]'ni `Yhnh'X]Y'6i bXYg`\AbXYf'Z\Of'X]YG]WXYf\Y]h']b'X]YgYf'<]bg]WX h'gcf[Yb''8]Y'9bhgWX\AfZi b['i bX'6YgY]h][i b['gc`WXYf'; YZU\fYb'ghY``Yb'g]WXYfž'XUgg'X]Y6Yj Ò`_Yfi b['[YgWX\Offhh'V`Y]Vhz'i bX'g]bX'gca]h'Y]bY'YggYbh]Y``YAU> bU\aY'ni f'G]WXYfi b['XYf'\OZZYbh`]WXYb'CfXbi b['i bX'G]WXYf\Y]h''

8]Y'8ifW\ZØ\fib['gc`W\Yf'9]bgÀhnY'jYf`Ub[h'Y]b'[Yk]ggYg'?bck!\ck'ibX']gh'[ih'cf[Ub]g]Yfh''<]ghcf]gW\Y'9f_ibXib[Yb'g]bXbchkYbX][žia'<]bkY]gY'UiZ'[YZÀ\f`]W\Y'FØW_ghÀbXY'Uig

?f]Y[ghU[Yb'ni 'Z]bXYb"'<]YfVY]'_ca a Yb'[Ycd\mg]_U`]gW\Y
8YhY_hcfYb'ni a '9]bgUhnž'X]Y'5bca U`]Yb']a '9fXa U[bYhZY`X
]XYbh]Z]n]YfYb'i bX'gca]h'Y]b'[Yn]Y`hYg'Jcf[Y\Yb'Yfa Ò[`]W\Yb"
Jcb'XYf'6Yf[i b['V]g'ni f'9bhgW\ÀfZ b['cXYf'[Uf'GdfYb[i b[ž'U``Yg
YfZc`[h'bUW\Y]bYa 'ZYgh[Y`Y[hYb'FÀi a _cbnYdhž'XUg'g]W\'bUW\
XYf'; YZÀ\fXi b[gUbU`mgY'f]W\hYh"

9gʻ]ghʻk]WX h][žʻXUggʻX]Yʻ5bk c\bYfʻ]bʻgc`WXYbʻG]hi Uh]cbYb _ccdYfUh]jʻg]bXžʻi a ʻY]bYʻgWXbY``Yʻi bXʻg]WXYfYʻ9bhgWXÀfZi b[ʻni [Yk À\f`Y]ghYb"·8]YʻNi gUa a YbUfVY]hʻnk]gWXYbʻXYbʻ`c_U`Yb 6Y\ÒfXYbʻi bXʻXYbʻ9]bgUhn_fÀZhYbʻgd]Y`hʻY]bYʻYbhgWXY]XYbXY Fc``YʻXUVY]žʻXUggʻU``Ygʻ[i hʻØVYfʻX]Yʻ6Ø\bYʻ[Y\hʻi bXʻb]Ya UbX'ni GWXUXYbʻ_ca a h"·8]YʻYhn][Yʻ9bhgWXÀfZi b[ʻ]ghʻY]bʻk Y]hYfYg 6Y]gd]Y``ZØfʻX]YʻghÀbX][Yʻ<YfUi gZcfXYfi b[žXYfʻg]WXʻX]YʻGhUXh ? Òʻbʻi bXʻ]\fYʻ6Yk c\bYfʻfY[Y`a À»][ʻ[Y[YbØVYfggY\Yb"

8 YhU]`g	
Cfh	? O`b!FcXYb_]fW\Ybž'8Yi hgW\`UbX
EiY``Yb	• k k k "h]l]c"XY
	k k k "ghUXh!_cY`b"XY
	XY"k]_]dYX]U"cf[

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