

K c`Zg]W\ hi b[Yb`]b`6UXYb!K ØfhhYa VYf[.
8 B 5!5 bU`mgY`VYghÅh][h` : i bX`]b`@cbgYY

ϕ`@cbgYY`ja`5`V!8cbUi!`?fY]g`k i fXY`Y]b`K c`Z
bUW\ [Yk]YgYb`"9fZU\ fY`a Y\ f`ØVYf`X]Y`G]W\ hi b[`i bX`X]Y
Zc fhgW\ fY]hYbXY`K c`Zgcdi`Uh]cb`]b`6UXYb!K ØfhhYa VYf["

9]bY`bYi Y`5i g[UVY`j cb` 8]Y`BUhi f`]a
: c_i g .`K Ò`ZY`]b`6UXYb!K ØfhhYa VYf[

8]Y`BUhi f`\Uh`Y]bY`ZUgn]b]YfYbXY`J]Y`ZU`h`ni`V]YhYbž`XcW\
a UbW\ a U`_ca` a Yb`A YbgW\ `i bX`H]Yf`]b`?cbZ]_h`"9]b`U_hi Y`Yg
H\Ya Uz`XUg`]b`6UXYb!K ØfhhYa VYf[`5i Za Yf_gUa`_Y]h`YffY[hž`g]bX
X]Y`j Yfa Y\ fhYb`G]W\ hi b[Yb`j cb`K Ò`ZYb`"GY]h`XYa` `ϕ\ f`&\$%)
k i fXYb`]b`j YfgW\]YXYbYb` ; Ya Y]bXYb`XYg`@UbXYg`Y]bnY`bY`H]YfY
bUW\ [Yk]YgYbž`XUfi bhYf`Ui W\ `]b`@cbgYY`ja`5`V!8cbUi!`?fY]g"

8]Y`Fc`Y`XYg`K c`ZYg`]b`XYf`BUhi f`

8Yf`K c`Z`ghfYb[` [YgW\ Øhnh`Ui Z`]bhYfbUh]cbU`Yf`i bX`bUh]cbU`Yf
9VYbYž`gc f[h`ZØf`8]g_i gg]cbYb`nk]gW\ Yb`BUhi fgW\ Øhnyfb`i bX
@UbXk]fhYb`"K À\ fYbX`X]Y`Y]bYb`XYb`GW\ i hn`i bX`X]Y`6YXYi hi b[
X]YgYf`H]YfY`VYhcbYbž`gY\Yb`UbXYfY`X]Y`k UW\ gYbXY
K c`Zgcdi`Uh]cb`a`]h`Gcf[Yž`j cf`U`Ya`k Ybb`Bi hnh]YfY`k]Y`GW\ UZY
[Yf]ggYb`k YfXYb"

I a`X]Y`5bk YgYb\Y]hj`cb`K Ò`ZYb`nk Y]ZY`gZfY]`ZYghni ghY`Ybž`ZØ\ fh
XUg`ni ghÅbX][Y`A]b]ghYf]i a` [YbYh]gW\ Y`i bhYfgi W\ i b[Yb`Xi fW\ ž
X]Y`]b`j YfgW\]YXYbYb`?UhY[cf]Yb`Y]b[YhY]`h`k YfXYb`"Gc`k]fX`Yhk U
nk]gW\ Yb`k]ggYbgW\ UZh]W\ Yb`6Y`Y[Yb`k]Y` : chc`gž` [YbYh]gW\ Yb
BUW\ k Y]gYb`cXYf`HY`Ya Yhf]Ycfhi b[Yb`i bX`k Yb][Yf`VYghÅh][hYb
<]bk Y]gYb`k]Y`6YcVUW\ hi b[Yb`cXYf`Fi ZYb`i bhYfgW\]YXYb"

8]Y ' ^Øb [ghYb 'B UWk Y]gY 'j c b 'K Ò`ZYb ']b
6 UXYb!K ØfhhYa VYf[

⇒ 'A U]'&\$&('k i fXYb 'K Ò`ZY ']b 'XYb '@UbX_fY]gYb '6fY]g[Ui !
<cWgWk Ufnk U`Xž'F UghUhh i bX '@ØffUW ' [Yg]W hYhž'k cVY]'b
'YhnhYfYa 'gc[Uf'Y]b ']bX]j]Xi Y`Yg'H]Yf']XYbh]Zn]Yfh'k YfXYb
_cbbhY" '5i W 'ja ' <c\Yb`c\Y_fY]g'k i fXY 'ja 'A Àfn'&\$&('X]Y
5bk YgYb\Y]h'Y]bYg'K c`ZYg'VYghÀh][h" '9g'V'Y]Vh'ZYghni \U'hYbž'XUgg
XYf'K c`Z]b'XYf'\Y]a]gWYb': Ui bU'6UXYb!K ØfhhYa VYf[g'Y]bY
k]W'h][Y'F c`Y'gd]Y'hž'XYfYb'GW i hni bX'?cYI]ghYbn'gcf[ZÀ'h][
UV[Yk c[Yb'k YfXYb'a ØggYb"

' B 5;

8 YhU]`g

6 Ygi W Yb 'G]Y 'i bg'Ui Z. 'X]Y!b UW f]W hYb "b Yh