

9]bVfi W\ ]b`K c`ZYbVØhhY`. `Dc`]nY]`gi W\ h  
Xf]b[ YbX`NYi [ Yb

9]bVfi W\ ]b`9]bZJa ]]Yb\Ui g]b`K c`ZYbVØhhY`. `Dc`]nY]`gi W\ h  
NYi [ Yb`bUW\ [ Yk U`hgUa Ya `Ni [ f]ZZ`Ua `& (" \$ + "& \$ & ( "  
< ]bk Y]gY`YfVYhYb`

& (" \$ + "& \$ & ( ' `%' ' \*`

Dc`]nY]`GU`n[ ]hhYf`

9]bVfi W\ ]b`K c`ZYbVØhhY`. `9]b  
VYgc f[ b]gYffY[ YbXYf`HfYbX3`

⇒`XYf`I ` \`UbXghfU» Y]b`K c`ZYbVØhhY` `YfY][ bYhY`g]W\ `Ua `8]YbghU[  
Y]b`9]bVfi W\ ]b`Y]b`9]bZJa ]]Yb\Ui gž`VY]`XYa `i bVY`UbbhY`HÀhYf`  
[ Yk U`hgUa `Xi fW\ `X]Y`HYffUggYbhØf`Y]bXfUb[ Yb`"Gc`W\ Y`J cfZÀ`Y`  
k YfZYb`Y]b`@]W\ h`Ui Z`Y]b`k UW\ gYbXYg`G]W\ Yf\ Y]hgd`fcV`Ya `]b`XYf`  
FY[ ]cb`"

K Ufi a `X]YgY`J cfZÀ`Y`k ]W\ h][ `g]bX`

9]bVfØW\ Y`g]bX`b]W\ h`bi f`Y]b`J YfVfYW\ Ybž`g]Y`VYY]bZi`ggYb`Ui W\  
XUg`G]W\ Yf\ Y]hg[ YZØ\`XYf`5bk c`bYf`Yf\ YV`]W\ "`8]Y`A Ò[ `]W\ \_Y]hž`  
XUgg`i b[ YVYhYbY`; ÀghY`]b`XYb`Y][ YbYb`j ]Yf`K ÀbXYb`Y]bXf]b[ Ybž`  
ZØ\ fh`cZhini `5b[ gh`i bX`GhfYgg`"9g`]gh`Yb hgW\ Y]XYbXž`XUgg`X]Y`  
; Ya Y]bgW\ UZhini gUa a YbUfVY]hYhž`i a `gc`W\ Y`J cfZÀ`Y`ni`  
fYXi n]YfYb`i bX`GdUbbi b[ Yb`UVni VUi Yb`"

5i Z`Gi W\ Y`bUW\ `NYi [ Yb

8]Y'Dc`nY]K c`ZYbVØhhY`U`hVYfY]hg`9fa ]h`i b[ Yb`Ui Z[ Ybca a Yb  
i bX`]gh`Ui ZXYf`Gi WXY`bUWX`NYi [ Yb`XYg`J cfZU`g"8]YgY`k YfXYb  
[ YVYhYbž`g]W`i bhYf`XYf`HY`YZcbbi a a Yf`\$) ' ' %# ' ' \$`ni `a Y`XYb"  
2 ZYbh]WXYg`9b[ U[ Ya Yb`hi bX`5i Za Yf\_gUa \_Y]h`\_ØbbYb  
YbhgWXY]XYbX`gY]bž`i a `9]bVfYWX`Yf`ni `]XYbh]Z]n]YfYb`i bX`ni  
j Yf`]bXYfbž`XUgg`gc`WXY`GhfUZhUHyb`k Y]hYf`]b`ghUhhZ]bXYb"

## I bVY\_UbbhYg`8]YVYg[ i h`i bX`GWX UXYbg\Ø\Y

6]g`Ub[ [ ]Vh`Yg`\_Y]bY`ϕZcfa Uh]cbYb`ØVYf`XUg`[ Yghc`\`YbY  
8]YVYg[ i h`cXYf`X]Y`<Ø\Y`XYg`YbhghUbbXYbYb`GWX UXYbg" `Gc`WXY  
ϕZcfa Uh]cbYb`g]bX`ZØf`X]Y`9fa ]h`i b[ Yb`XYf`Dc`nY]`YXcW`j cb  
[ fc»Yf`6YXYi hi b[ ž`i a `Y]bYb`i a ZUggYbXYb`, VYfv`]W\_ØVYf`X]Y  
G]hi Uh]cb`ni `Yf`U`hYb"

## 9]b`5ddY```Ub`X]Y`; Ya Y]bgWUZh

8]Y`J cfZ`Y`]b`K c`ZYbVØhhY`k YfZYb` : fU[ Yb`ØVYf`X]Y`U`[ Ya Y]bY  
G]WXYf`Y]hg`U[ Y`Ui Z`9g`]gh`k ]W]h[ ž`XUgg`B UWX VUfb`Ui ZY]bUbXYf  
UWX`hYb`i bX`j YfX`W]h[ Y`5\_hj] ]h`hYb`a Y`XYb" `Df`Aj Ybh]j Y  
A U» bU`a Ybž`k ]Y`XUg`ϕghU`]YfYb`j cb`G]WXYf`Y]hggmghYa Yb`i bX  
X]Y`HY]`bU`a Y`Ub`B UWX VUfgW UZh`gk UWX`Ybž`\_ØbbYb`\`Y`ZYbž`X]Y  
G]WXYf`Y]h`]b`XYf`; Ya Y]bXY`ni `Yf`Ø\Yb`i bX`XUg`F ]g]\_c`k Y]hYfYf  
9]bVfØWXY`ni `j Yff]b[ Yfb"

F ØW\_ZfU[ Yb`V]hhY`Ub.

Dc`nY]K c`ZYbVØhhY`DfYggYghY`Y# ZYbh]W\_X]hgUfVY]h`7Ufc`]b  
Gd]`\_Yf`HY`YZc. `\$) ' ' %# ' ' !%\$( `9!A U]`. `dfYggYghY`Y4 d]!  
gn"dc`nY]"b]YXYfgUWX`gYb"XY

C f][ ]bU`!7cbhYbh]j cb. `Dc`nY]`GU`n[ ]hYfž`ØVYfa ]hY`h`Xi fW`bYk g  
U\_hi Y`

· · B 5;

6Ygi W\Yb`G]Y`i bg`Ui Z.`b!U[ "XY