

Hfi a d`bUWk`5hhYbhUh.`7\UbWf`b`Ui Z  
K U\`g]Y[ `ghY][ Yb`!`? fmdhca Uf\_h`fYU[ ]Yfh  
Vi ``]g\

5\_hi Y``Y`BYk`g]a`? fmdhca Uf\_h`Hfi a d!5hhYbhUh`i bX`A H"  
; cl`5i gnU\`i b[ Yb`VYY]bZi ggYb`?i fgY""9fZU\`fYb`G]Y`a Y\`f  
ØVYf`X]Y`bYi YghYb`9bhk ]W\_`i b[ Yb`°

⇒bj Ygh]YfYb`]b`? fmdhck Å\`fi b[ Yb.`B Yi Y  
7\UbWf`b`ZØf`5b`Y[ Yf

8Yf`? fmdhca Uf\_h`Yf`YVh`XYfnY]h`Y]bY`fUgUbhY`9bhk ]W\_`i b[ žX]Y  
5b`Y[ Yfb`gck c\`7\UbWf`b`U`g`Ui Wk`F ]g]\_Yb`V]YhYh"⇒b`XYb`YhnhYb  
HU[ Yb`\_`cbbhY`6]hWc]b`gY]bYb`K Yfh`XYi h]Wk`ghY][ Yfb`ž`k Ug`Ui Z  
j YfgWk]YXYbY`9fY][ b]ggY`ni fØW\_`ni ZØ\`fYb`]gh"9]b`VYgcbXYfg  
dfÅ[ bUbhYg]; YgWkY\`Yb`k Uf`XUg`5hhYbhUh`Ui ZXYb`Y\`Ya U][ Yb  
DfÅg]XYbhYb`8cbU`X`Hfi a d`ž`XUg`9l dYfhYb`ni Zc`[ Y`gY]bY`7\UbWf`b  
Ui ZY]bYb`K U\`g]Y[ `]a`Bcj Ya VYf`Yf\`Ø\`h`\Uh"8]YgY`dc`]h]gWkY  
9bhk ]W\_`i b[ `Uh`XUni`VY][ YhfU[ Yb`ž`XUgg`X]Y`?i fgY`Ui ZXYa  
? fmdhca Uf\_h`k Y]hYf`[ Ygh]Y[ Yb`g]bX"

9]bY`UbXYfY`k ]Wk]h[ Y`B UWk`f]Wk`h`VYhf]Zh`XUg`XYi hgWkY  
6i bXYg\_f]a ]bU`Ua hž`XUg]b`XYb`YhnhYb`K cWkYb`) "\$\$\$`6]hWc]b  
j Yf\_Ui Zh`\Uh"8]YgYf`J Yf\_Ui Z\`UhVY]⇒bj Yghc`fYb`ni bÅWkgh  
6YXYb`\_Yb`\`Yfj cf[ Yfi ZYb`ž`YXcWk`\`Uh`8Yi hgWk`UbX`a ]h`Yfk Y]`Y  
U`Y`6]hWc]b`UV[ Yghc»Yb`ž`k Ug`k ]YXYfi a`Y]bY`dcg]h]j Y`Gh]a a i b[  
Ui ZXYa`A Uf\_h`YfnYi [ h`\Uh"

9]bY`k Y]hYfY`]bhYfYggUbhY`9bhk ]W\_`i b[ `VYhf]Zh`X]Y`5i gnU\`i b[ Yb  
]a`i: U``j cb`A h"; cl`ž`XYf`]bgc`j YbhYb`? fmdhcVØfgY" B UWk`Ub[ Ya  
K UfhYb`\`UVYb`X]Y; `Äi V][ Yf`X]Y`5i gg]Wk`h`Ui Z`5i gnU\`i b[ Yb`]a  
K Yfh]j cb`a Y\`f`U`g, `A ]``UfXYb`8c`Uf"8]Yg`\_ØbbhY`XYb`A Uf\_h

k Y]hYf`VY`YVYb`i bX`ni `Y]bYa `dcg]hj Yb`HfYbX`ZØ\`fYb"

## B Yi Y`ϕj Ygha Ybha Ò[ `]WΛ\_Y]hYb`a ]h`A Ya Y 7c]bg

B YVYb`XYb`[ YbUbbhYb`9fY][ b]ggYb`cW\_Yb`Ui WΛ`bYi Y`ϕ]h]U`7c]b  
C ZYf]b[ g`fH7 C gk`k ]Y`6UgY`8Uk [ n`i bX`- - 6]hWΛ]bg`ϕj Yghc`fYb`Ub"  
6UgY`8Uk [ nž`Y]b`bYi Yf`A Ya Y`7c]bž`XYf`Ui Zj YfgWΛ]YXYbYb  
6`cW\_`WΛ U]bg`Yf\`À`h`]WΛ`]ghž`YfZfYi`h`g]WΛ`[ fc» Yf`6Y`]YVh\`Y]hi bX`\`Uh  
VYfY]hg`Y]bYb`I a`gUhn`j cb`ØVYf`&ž) `A ]`]cbYb`8c`Uf`Yfn]Y`h`8Yf  
7c]b`V]YhYh`Y]bY`GhU\_]b[ !: i b`\_h]cbž`X]Y`5b`Y[ Yfb`X]Y`A Ò[ `]WΛ\_Y]h  
[ ]Vhž`ni`g`À`hn`]WΛ Y`Hc`\_Yb`ni `Yf\`U`hYb"

5i WΛ`- - 6]hWΛ]bgž`Y]bY`YhUV`]YfhY`D`UhhZcfa`]a`? fmdhca`Uf`\_hž  
`UbW]Yfh`]fYb`Y][ YbYb`7c]bž`- - 6H7ž`XYf`]a`J`cfj`Yf`\_Ui`Z  
Yf\`À`h`]WΛ`]gh`9I dYfhYb`gY\`Yb`]b`X]YgYa`7c]b`Y]bY  
j ]Y`j Yfgd`fYWΛ`YbXY`ϕj Ygh]h]cbga`Ò[ `]WΛ\_Y]hž`XU`X]Y`F`Y]WΛ`k`Y]hY  
i bX`6Y`\_Ubbh\`Y]hij`cb`- - 6]hWΛ]bg`XYb`?i fg`dcg]hj`VYY]bZi`ggYb  
\_`ØbbhYb``8Yf`DfY]g`ZØf`- - 6H7!Hc`\_Yb`ghY][ h`k`À`fYbX`XYg  
J`cfj`Yf`\_Ui`Zgž`k`Ug`ZfØ\`Y`ϕj Yghc`fYb`VYfY]hg`; Yk`]bbY`g]WΛ`Yfb`À`ggh"

9g`]gh`k`]WΛ`h][ `ni`VYhcbYbž`XUgg`ϕj Ygh]h]cbYb`]a`? fmdhca`Uf`\_h  
gdY`\_i`Uhj`\_g]bX`i bX`a`]h`F`]g]\_Yb`j`YfVi`bXYb`gY]b`\_`ØbbYb``5b`Y[ Yf  
gc`hYb`XU\`Yf`]fY`Y][ YbY`8i`Y`8`] [ YbWΛ`Xi`fWΛ`ZØ\`fYb`i bX`g]WΛ  
VYk`i`ggh`gY]bž`XUgg`]f`? Ud]hU`]b`; YZU\`f`gY]b`\_`ØbbhY``8Yb`bcWΛ  
V]YhYb`X]Y`U`\_hi`Y`Yb`9b`hk`]WΛ`i`b[ Yb`]a`? fmdhca`Uf`\_h`bYi`Y  
7\`UbWΛ`b`ZØf`5b`Y[ Yfž`X]Y`]fY`ϕj Ygh]h]cb`ggghfUhY[ ]Yb`Yfk`Y]hYfb  
a`ØWΛ`hYb"

B 5;

8YhU]`g

6Ygi WΛ`Yb`G]Y`i`bg`Ui`Z.`b!U[ "XY