

I `a `gYhnh`Ui Z`G]W\ Yf\ Y]h. `B Yi Y  
K UZZYbj YfVchgncbYb`i bX  
Gui VYf\_Y]hgghfUhY [ ]Yb

8]Y`GhUXhI` `a `ZØ\fh`UV`<YfVgh`K UZZYbj YfVchgncbYb`Y]bž`i a  
G]W\ Yf\ Y]h`ini `Yf\ Ò\ Yb`i bX`j Yfgh`À\_f`h`J ]XYcØVYfk UW\ i b [   
gck ]Y`A Ø`\_cbhfc`Yb"

8]Y`GhUXhI` `a `d`Ubh`VYXYi hYbXY`J Yf`ÀbXYfi b [ Ybž`i a `XUg  
G]W\ Yf\ Y]hg [ YZØ\`XYf`6Øf [ Yf`ni `ghY] [ Yfb`i bX`X]Y`Gui VYf\_Y]h`ini  
j YfVYggYfb``5V`<YfVgh`gc`Yb`a Y`fYfY`K UZZYbj YfVchgncbYb`]b  
ghfUhY [ ]gW\ `k ]W\ h] [ Yb`6YfY]W\ Yb`Y]b [ Yf]W\ hY`h`k YfXYb"

B Yi Y`GhfUhY [ ]Yb`ZØf`a Y`f`G]W\ Yf\ Y]h

C VYfVØf [ Yfa`Y]ghYf`A Ufh]b`5bgVUW\ Yf`fGD8`È\`Uh`Ub [ Y\_ØbX] [ hž  
XUgg`X]Y`GhUXh`Y]bY`K UZZYbj YfVchgncbY`gW\ UZZYb`a ÒW\ hYž`i a  
XYb`I a [ Ub [ `a ]h [ YZÀ\`f`]W\ Yb`i ; Y [ Ybgh`ÀbXYb`ni `fY [ i `]YfYb`` K ]f  
\UVYb`ZYgh [ YghY``hž`XUgg`g]W\ `j ]Y`Y`A YbgW\ Yb`b]W\ h`a Y`f`gc  
k c\`ZØ\`Yb`k ]Y`ZfØ\`Yf`ž`Yf`\_`ÀfhY`5bgVUW\ Yf``<]Yfa`]h`gc``gck c\`  
XYf`J Yf`i gh`XYg`G]W\ Yf\ Y]hg [ YZØ\`g`]b`XYf`6Yj Ò`\_Yfi b [ `U`g`Ui W\  
X]Y`Ni bU\`a`Y`j`cb` [ Yk`U`h`Àh] [ Yb`J`cfZÀ`Ybž`]bgVYgcbXYfY`]b  
Y]bYa`I`a`ZY`Xž`XUg`j`cb`8fc [ Yb`\_f]a`]bU`]h`Àh`VYhfc`ZZYb`]ghž  
Ybh [ Y [ Yb [ Yk ]f`\_h`k YfXYb"

K ]W\ h] [ Y`GhUbXcfhY`XYf`

K UZZYbj YfVchgncbYb

8]Y` [ Yd`UbhYb`J YfVchgncbYb`\_ØbbhYb`i bhYf`UbXYfYa`]a`6YfY]W\  
XYg`<Ui`dhVU\`b\`cZgž`Ua`A`ØbghYfd`Uhn`gck ]Y`]a`i ; ]gW\ Yfj ]YfhY`  
 [ Y`hYb``8]YgY`A`U`»`bU\`a`Yb`g]bX`HY`]`Y]bYg`i`a`ZUggYbXYb`D`Ubgž

XYf'H\Øf]b[ Yb`Y]bY`À\b`]WXY`F]W`hi b[ `k ]Y`UbXYfY`Gh`XhY`]b  
6UXYb!K ØfhY`a VYf[ `Y]bgW`À[ h`k c`gc`W`Y`NcbYb`VYfY]hg  
YhUV`Y]fh`g]bXž`VY]gd]Y`gk Y]gY`]b`<Y`Vfcb`b`cXYf`Ghi hh[ Ufh`'8 UVY]  
ghfYVh`X]Y`GhUXh`Ubž`XUg`A ]hZØ`fYb`j cb`K UZZYb`k ]f\_gUa Yf`ni  
\_cbhfc``]YfYb`i bX`ni `gUb\_h]cb]YfYb"

9fk Y]hYfhY`J ]XYcØVYfk UW`i b[ `i bX  
? i `hi fa U» bU\ a Yb

9]b`k Y]hYfYf` : c\_i g`]Y[ h`Ui ZXYf`5i gk Y]hi b[ `j cb  
J ]XYcØVYfk UW`i b[ ž`VYgcbXYfg`]b`ghUf\_`ZfYei Ybh]YfhYb`6YfY]W`Yb  
k ]Y`XYa `@XYf\cZ`'8 ]YgY`gc``\Y`ZYbž`X]Y`Xfc[ YbVYX]b[ hY  
?f]a ]bU`]h`h`ni `fYXi n]YfYb``; `Y]W`nY]h][ `d`Ubh`X]Y`GhUXhž`Xi fW  
\_i `hi fY``Y`5b[ YVchY`XYa `@XYf\cZY]b`bYi Yg`a U[ Y`ni `j Yf`Y]\Yb  
i bX`gc`X]Y`5hhfU\_h]j ]h`h`XYg`J ]YfhY`g`ni `ghY][ Yfb`` K ]f`k c``Yb`Y]bY  
[ Yk ]ggY`GnYbY`b]W`h`a Y`f`\UVYb ž`gc`5bgVUW`Yf``8 ]YgYf`GW`f]hh  
]gh`HY]`Y]bYf`cZZYbg]j Yb`GhfUhY[ ]Y`ni f`6Y\_`Aa dZi b[ `XYg`DfcV`Ya`g"

G`Ai VYfi b[ `XYf`GhUXh. `9]b`[ Ub`n\Y]h`]W`Yf  
5bgUhn

⊕`6Yni [ `Ui ZX]Y`GUi VYf\_Y]h`d`UbYb`X]Y`GhUXh] Yfk U`hi b[ `i bX`X]Y  
9bhgc f[ i b[ gVYhf]YVY`I `a `f96I Ł`X]Y`9]bZØ`fi b[ `Y]bYf`bYi Yb  
GhUVghY``Y`GhUXhgUi VYf\_Y]h ž`X]Y`g]W` [ Yn]Y`h`a ]h`A Ø`gØbXYfb  
VYgW`ÀZh][ Yb`gc`` ⊕`XYf` ⊕`bYbghUXh`gc``Yb`?cbhfc``Yb`]bhYbg]j ]Yfh  
k YfXYbž`i a `XUg`DfcV`Ya `XYf`J YfgW`a i hni b[ `Xi fW`df]j UhYg  
5VZU``Ui Z\_ca a Ybž`\Ui dhg`W`]W`]b`ÒZZYbh]W`Yb`A Ø``Y]a Yfbž`ni  
VY\YVYb``9g`k ]fX`Ui W`Y]bY`A Y`XYghY``Y`[ YgW`UZZYbž`Ub`X]Y  
6Øf[ Yf`A ]gggh`AbXY`Ubc`bma `VYf]W`hYb`\_Ø`bYb"

9ZZ]n]YbhY`6Y\_`Aa dZi b[ `j cb`A Ø`gØbXYfb

I a `XUg`GhUXhV]`X`Yf\YV`]W`ni `j YfVYggYfbž`gc``Yb`\_Ø`bZh][ `Ui W  
[ fØ»YfY`i bX`a Y`f`A Ø``Y]a Yf`]b`I `a `Ui Z[ YghY``h`k YfXYb"  
5bgVUW`Yf`VYhcbhž`XUgg` I `a `Y]bY`XfYW\_] [ Y`GhUXh`gY]ž`YXcW  
Y]bY`j Yfgh`f\_hY`?cbhfc``Y`bch`k YbX][ `gY]ž`i a `X]Y`GUi VYf\_Y]h`ni  
[ Yk `À`f`Y]ghYb``J YfXYW\_hY`A U» bU\ a Yb`gc``Yb`ni XYa `XUni

ZØ\ fYbž'XUgg'A Ø`gØbXYf'gW.bY`Yf'ni f'J YfUbhk cfhi b[ '[ Ync[ Yb  
k YfXYb"6YgcbXYfg'XUg'K Y[ k YfZYb'j cb'N][ UfYhhYb\_]ddYb'gc`  
a ]h'Y]bYf'; Y`XghfUZY'j cb') \$'9i fc'VYghfUZh'k YfXYb" ðbcj Uhj Y  
F Y]b][ i b[ ga UgW. ]bYb'gc`Yb'XUfØVYf'\ ]bUi g'ni f'6YgY]h][ i b[  
Ub[ YhfcW\_bYhYf'?Ui [ i a a ]g'Y]b[ YgYhnh'k YfXYb"

A ]h'X]YgYb'i a ZUggYbXYb'A U» bU\ a Yb'j YfZc`[ h'X]Y`GhUXh'i `a `XUg  
N]Y`žgck c\`XUg'G]W.Yf\Y]hg[ YZØ\`X'Yf'6Øf[ Yf'ni `ghÅf\_Yb'U'g  
Ui W. 'Y]b'gUi VYfYg'i bX`YVYbgk YfhYg'GhUXhV]'X'ZØf'U`Y'ni  
gW.UZZYb"8]Y' ð]h]Uhj Yb'g]bX'HY]'Y]bYg'Ub[ Zf]gh][ Yb'?cbnYdhYgž  
XUg'X]Y'@YVYbgei U`hÅh]b'I `a `bUW\U'h][ 'j YfVYggYfb'gc`"

B 5;

8 YhU]`g

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