

DfY]gfY\_cfX`Ua`5a a YfgYY.`6cchg\Ui g`]b  
<YffgW\]b[`ZUgn]b]Yfh?`Ài ZYf

5`hYg`6cchg\Ui g`]b<YffgW\]b[`Ua`5a a YfgYY`ghY\`hni a  
J Yf\_Ui Z` ; YVchY`V]g`ZUgh`Y]bY`A`j`]cb`9i fc`"9]b  
@]YV\UVYfcV`Y`\_h`a`]h; YgW\]W`hY"

⊕`<YffgW\]b[`Ua`5a a YfgYY`ghY\`Yb`X]Y`5b[ YVchY`Ui Z`XYa  
⊕ a cV`]Yba Uf`\_h`b]W`h`gh`]`. `9]b`ØVYf`%\$\$`\$`>\`fY`U`hYg`6cchg\Ui g`ž  
XUg`X]fY`\_h`Ub`XYf`ÒZYb`h]W`Yb`Dfca`Yb`UXY`XYg`5a a YfgYYg`]Y[ hž  
\Uh; YVchY`j`cb`b`U\`Yni`Y]bYf`A`j`]cb`9i fc`Ub[ Ync[ Yb`"Hfch`n`XYg  
ZØf`j`]Y`Y`i`b[ Yk`Ò\`b`]W`\_`c\`Yb`DfY]gYg`Yf`\_`ÀfYb`gck`c\`XYf  
9][ YbhØa`Yf`U`g`Ui`W`XYf`VYUi`ZhfU[ hY`A`U`\_`Yfž`XUgg`Yg`g]W`\_`\]YfVY]  
b]W`h`i`a`Y]b`9]bnY`ZYbca`Yb`\`Ub`XY`hž`gcb`XYfb`j`]Y`a`Y\`f`i`a`Y]b  
@]YV\UVYfcV`Y`\_h`a`]h\`c\`Ya`]XYY`Y`b`K`Yfh"

8 Ug`6cchg\Ui g`a`]hY]bYf: `ÀW`Y`j`cb`%\$\$`E`i`UXfUha`YhYfb  
VYZ]bXYh]g]W`ghfUhY[ ]gW`nk`]gW`Yb`XYa`F`\Y]b!A`U]b!8`cb`Ui  
GY[ Y`Wi`V`i`b`X`Y]bYa`U`hYb`i`»`VU`d`Um`"9g`j`YfZØ[ h`ØVYf`Y]bYb  
[ Yf`À`i`a`][ Yb`6cchg`]Y[ Yd`Umž`Y]bY`G`]d`Ub`U[ Yž`Y]bYb  
5i`ZYbh\`U`hgf`Ui`a`ž`Y]bY`HYY`ØW`Yž`K`7ž`8i`gW`Y`gck`]Y`Y]bY  
<c`n`hYffUggYž`Y`Xc`W`\_`Y]bYb`GhY[ "8Yf`Ni`ghUb`X`XYg`<`Ui`gYg`]gh  
[ Ya`]gW`h`K`À\`fYb`X`Y]b][ Y`K`Àb`XY`bYi`g]bXž`nY][ Yb`Ub`XYfY  
Gdi`fYb`j`cb`J`Ub`XU`]ga`i`g`i`b`X`X]Y`8`UW`\_`cb`ghfi`\_`h]cb`]gh`a`]h`A`ccg  
VYk`UW`gYb`"8Yf`DfY]g`ZØf`XUg`<`Ui`g`k`]fX`nk`]gW`Yb`+)`\$`\$\$\$`i`b`X  
-)`\$`\$\$\$`9i`fc`Ub[ YgYhnhž`k`cVY]`VYfY]hg; YVchY`V]g`ZUgh`Y]bY  
A`j`]cb`9i`fc`j`cf`]Y[ Ybž`[ Ya`À`»`C`]j`Yf`<`YfVghž`XYa`⊕\UVYf`j`cb  
⊕ a c`j`]g]cb"

8]Y`DYf`Y`Ua`5a a YfgYY

8Yf`9][ YbhØa`Yfž`XYf`g]W`b]W`h`b`Ua`Ybh]W`Ài`»`Yfb`a`ØW`hYž`]gh

Y]b') \*!Å\][ Yf' l bhYfbY\ a Yf'Ui g' A ØbWYb" '9f'\Uh'XUg'6cchg\Ui g  
j cf'&) 'X\fyb'Yfk cfVYb'i bX' [ 'Ui VhžXUgg'XYf' [ YZcfXYfhY'DfY]g  
Xi fWUi g' [ YfYW hZYfh][ h'gh" '9f'VYhc b hž'XUgg'XYf' J Yf\_Ui Z'b]W h'ja  
J cfXYf[ fi bX'ghY\Y/j ]Y'a Y\ f'k ØbgWYb'g]W X'Y' J Yf\_Ài ZYfž'Y]bYb  
DUfhbYf'ZØf'Y]bY'9][ YbhØa Yf[ Ya Y]bgWUZh'ni 'Z]bXYb" '8]Y'DUW h  
ZØf'XUg'; fi bXghØW\_ž'k Y'WYg'ja '6Yg]hn'XYg': fY]ghUUhg'6UmYfb' ]ghž  
k ]fX'j cb'XYf'6UmYf]gWYb'GW'ØggYf!'i bX'GYbj Yfk U'hi b[  
j Yfk U'hYhž'k Ug'X]Y'G]hi Uh]cb'Yhk Ug'\_ca d'n]YfhYf'a UW h'

GY]bY'@Y]XYbgWUZh'i bX'X]Y'9f]bbYfi b[ Ybž'X]Y'Ub'X]YgYa 'Cfh  
\Ab[ Ybž'g]bX'ZØf']\b'j cb'i bgWÅhnVUFYa 'K Yfh" '9g' ]gh'Y]b'ž'k Y'  
Yf\_Àfh'Yfž'i bX'\YVh'\Yfj cfž'XUgg'Y]b][ Y'?'Ài ZYf'VYb'Y]bY  
VYgcbXYfY'J cf']YVY'ZØf'gc'WY'CV'Y\_hY'\UVYb" 'K Ug']gh'Yg'Y]bYa  
k Yfh3'A Ub'XUfZ'XUg'b]W h'a ]h'Y]bYa ' ; YVfUi Wg[ Y[ YbghUbX'cXYf  
Y]bYa 'K c\ b\Ui g'j Yf[ 'Y]WYb ž'gc'XYf'9][ YbhØa Yf" '9f'g]Y\h' ]b  
XYa '6cchg\Ui g'Yhk Ug'Y'\b'WYg'k ]Y' ]b'Y]bYa 'C'Xh]a Yf'cXYf  
Y]bYa '?'i bghk Yf\_"

## 8 Yf' A Uf\_h'ZØf'@]YV\ UVYf! =a a cV]' ]Yb

8 Yf' A U\_ Yf'gY'Vgh'VYf]W hYhj cb'ZfØ\YfYb'J Yf\_Ài ZYb  
j Yf[ 'Y]WVUFYf' =a a cV]' ]Ybž'XUfi bhYf'Y]b'6cchg\Ui gž'XUg'ZØf'&ž)  
A ]' ]cbYb'9i fc'j Yf\_Ui Zh'k i fXY' 'U''YfX]b[ g'a ]h'Y]bYa  
XUni [ Y\Øf][ Yb'; fi bXghØW\_" '8Yf' =a a cV]' ]Yba Uf\_h'ZØf'gc'W  
YI \_'i g]j Y'CV'Y\_hY'nY][ h'g]W 'i bVYY]bXfi W\_h'j cb'XYb  
k ]fhgWUZh]WYb'FU\ a YbVYX]b[ i b[ Yb.' \c\Y'6Ui n]bgYb'gWY]bYb  
]b'X]YgYa 'GY[ a Ybh'\_Y]bY'Fc''Y'ni 'gd]Y'Ybž'XU'X]Y'?' ]YbhY''cZh  
i bUV\Ab[ ] [ 'j cb'?'fYX]hYb' ]gh"

8 Ug'6Y]gd]Y''XYg'6cchg\Ui gYg' ]b' < YffgW ]b[ 'j YfXYi h' ]W h'X]Y  
8 mbUa ]\_XYg' =a a cV]' ]Yba Uf\_hYgž' ]bgVYgcbXYfY' ]a  
@ l i gVYfY]W " '5b[ YVchY'k ]Y'X]YgYg'n]Y\Yb'b]W h'bi f''c\_U'Y  
'?Ài ZYf'Ubž'gcbXYfb'Ui W' =b] Yghc fYbž'X]Y' ]b'VYgcbXYfY  
=a a cV]' ]Yb'a ]h'7\UfU\_hYf' ]bj Ygh]YfYb'a ØW hYb" '5i ggU[ Yb'XYg  
9][ YbhØa Yfg'i bX'A U\_ Yfg''UggYb'YfU\ bYbž'XUgg'Yg'j ]Y'Y  
A YbgWYb'a ]h'Y]bYa ' : U]V'Y'ZØf'XUg'6YgcbXYfY' [ ]Vhž'X]Y'VYfY]h  
g]bXž'ZØf'Y]b'GhØW\_@YVYbgei U' ]hÅhi bX'Y]bY'VYgcbXYfY '@U[ Y'Ua  
K Uggyf'h]YZ' ]b'X]Y' HUgWY'ni ' [ fY]ZYb"

A ]h'XYa '6cchg\Ui g'U`g: U`ghi X]Y`\_ÖbbhY`<YffgWw]b[ 'VU`X`]a  
; YgdfÀWw`gY]b'U`g`Y]bY`k Y]hYfY`5XfYggY`ZØf`@]YV\UVYf!  
⇒ a cV]`Ybž`X]Y`b]Ww`h`bi`f`Y]b`8UWw`ØVYf`XYa`'?cdZž`gcbXYfb`Ui`Ww  
9f]bbYfi`b[ Yb`i`bX`Y]bY` ; YgWw]Ww`hY`V]YhYb"

8YhU]`g

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