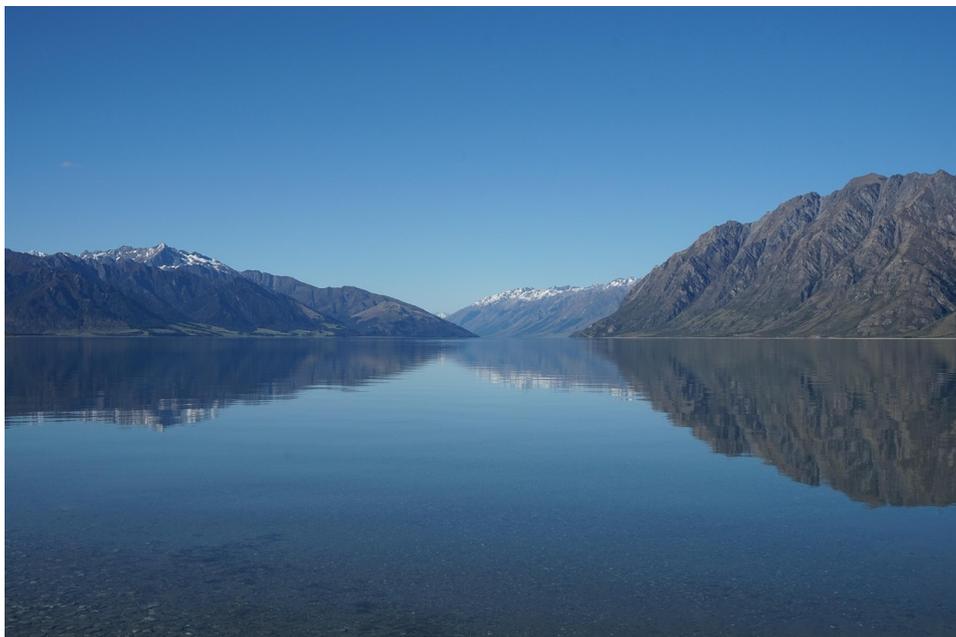


B Yi gYY`UbX`YbhXYW\_Yb. `5VYbhYi Yfž  
?i`hi f`i bX` ; Ybi gg`ZØf`bUW\`U`h][ Y  
F Y]gYbXY`

9bhXYW\_Yb`G]Y`BYi gYY`UbX. `5hYa VYfUi VYbXY  
@UbXgW UZhYbž`\_i`hi fY`Y`J ]Y`ZU`hž`5VYbhYi YfU\_h]j ]hÅhYb`i bX  
\_i` ]bUf]gWY`< ][ \`][ \hg" `DfU\_h]gWY`H]ddg`ZØf`bUW\`U`h][ Yg  
F Y]gYb"



B Yi gYY`UbXž`XUg`@UbX`XYf`Ub[ Yb`k Y]» Yb`K c`\_Yž`]gh`Y]b`DUfUX]Yg  
ZØf`F Y]gYbXYž`X]Y`BUhi fž`5VYbhYi Yf`i bX`?i`hi f`]b`]\fYf`fY]bghYb  
: cfa`Yf`VYb`a` ÒW`hYb" `5i`Z`nk Y]`<Ui`dh]bgY`bž`XYf`B`cfX!`i`bX`XYf  
GØX]bgY`ž`YfghfYW\_h]g]W\`Y]bY`@UbXgW UZh`X]Y`gc`j ]Y`ZÅ`h][`k ]Y  
UhYa VYfUi VYbX`]gh`i`j`cb`a`U`YghÅh]gWYb`6Yf[ Yb`i bX  
hØf\_]gZUfVYbYb`GYyb`V]g`\]b`ni`i`bVYfØ`fhYb`GhfÅbXYb`i bX  
X]W`hYb`F Y[ Ybk`Å`XYfb" `8]YgYg`ægy`ghUUh]a`GØXdUn]Z]ž`k Y]h  
YbhZYfbhj`cb`XYf`<Y\_h]\_`XYf`K`Y`hž`V]YhYh`b]W`h`bi`f`gdY\_hU\_i`ÅfY  
?i`]ggYbž`X]Y`U`g`8fY`\cfhY`ZØf`<c`mk`ccX!6`cW\_Vi`ghYf`k ]Y`8Yf  
<Yff`XYf`F ]b[ Y`X]YbhYbž`gcbXYfb`Ui`W`Y]bY`fY]WY`A`Ýcf]!`?i`hi`fž  
X]Y`h]YZ]b`XYf` ; YgW`]W`hY`i bX`æYb]h]hÅh`XYg`@UbXYg`j`Yfk`i`fnY`h

]gh"·C V·G]Y`Ui Z'XYf·Gi WXY`bUW`5XfYbU`]b`di fž·YbhgdUbbhYf  
9f\c`i b[ `cXYf`\_i `hi fY`Yb`9bhXYW\_i b[ Yb`g]bX` `BYi gYY`UbX  
j Yfgdf]W`hi bj Yf[ Ygg`]WXY`9f`YVb]ggY`ZØf`YXYb` ; YgW`a UW`"

B Yi gYY`UbXg`UhYa VYfUi VYbXY  
@UbXgW UZhYb



B Yi gYY`UbXž`c Zh`U`g`XUg`@UbX`XYf`i bVYfØ`fhYb`B Uhi f`VYnY]W`bYhž  
]gh`Y]b`k U`fYg`A Y`\_\_U`ZØf`@YV\UVYf`UhYa VYfUi VYbXYf  
@UbXgW UZhYb`i bX`Y]bn][ Ufh][ Yf`B Uhi fk i bXYf`"8]Y`VY]XYb  
<Ui dh]bgY`b` `X]Y`j i ` \_Ub]gW` [ YdfÄ[ hY`BcfX]bgY`i bX`X]Y`U`d]bY  
GØX]bgY` `V]YhYb`Y]bY`VYY]bXfi W\_YbXY`J]Y`ZU`hž`X]Y`j cb  
gi Vhfc d]gW`Yb`GhfÄbXYb`]a`BcfXYb`V]g`\]b`ni`Y]g][ Yb` ; `YhgW`Yfb  
]a`GØXYb`fY]W`h`C V·G]Y`Xi fW`X]W`hY`FY[ Ybk`Ä`XYf`k UbXYfbž  
U\_h]j Y`J i ` \_UbY`VYghUi bYb`cXYf`X]Y`Fi \Y`Ub`Y]bYa  
gd]Y[ Y`[ `UhYb`GYY`[ Yb]Y» Yb`a`ÖW`hYbž`X]YgYg`@UbX`]a`GØXdUn]Z]\_  
\Ä`h`ZØf`YXYb`Yhk Ug`VYfY]h`"8]Y`i bVYfØ`fhY`B Uhi fž[ YdUUfh`a`]h  
XYa`9b[ U[ Ya Ybh`ZØf`B UW`\U`h][ \_Y]h`Xi fW``⊖]h]Uh]j Yb`k ]Y`XUg`  
**H]U\_]`Dfca`]gY`ž`a`UW`h`BYi gYY`UbX`ni`Y]bYa`C`fhž`Ub`XYa`a`Ub  
X]Y`GW`Öb`Y]h`XYf`9fXY`]b`]\fYf`fY]bghYb` : cfa`Yf`YVYb`\_Ubb`"**

6Y[ ]bbYb`k ]f`i bgYfY`FY]gY`]a`BcfXYb`XYf`BcfX]bgY`ž`]b`XYf`6Um

cZ`g`UbXgž`Y]bYa`DUfUX]Yg`Ui`g`ØVYf`%(\$`b`gY`b`" < ]Yf`\_`ØbbYb  
6Ygi`W`Xf`a` ]h`MUW`hYb`c`XYf`GY`Y`\_U`U`\_g`X]Y`?`ØghY`Yf`\_i`bXYbž  
UfW`À`c`c`[ ]gW`X`Y`Gh`hYb`Ui`Zi`fi`di`\_`Udi`\_`U`g`UbX`VYg]W`h][`Yb`c`XYf  
8Y`Z]bY`i`b`X`K`U`Y`]b`]\`fYf`b`U`h`Øf`]W`Yb`i`a`[`YVi`b`[`VYc`VUW`hYb`  
K`Y]hYf`g`ØX`]W`c`W`h`F`c`h`c`f`i`U`a`]h`[`Y`c`h`Y`f`a`U`Y`b`K`i`b`XYf`b`k`]Y  
XYa`7`Ua`dU[`b`Yf`!`Dcc`]b`K`U]!`C`!`HUdi`ž`XYf`[`f`Ø`»`hYb`Y`Y]»`Yb`E`i`Y`Y`  
XYf`F`Y`[ ]cb`"8]Y`?`c`Y`b`X]c`i`]XV`U`g`Ybž`X]Y`Ub`X]Y`C`VYf`Z`À`W`X`  
ghY][`Yb`ž`Y`f`n`Yi`[ ]Yb`Y`]b`Yb`ZUgn]b]YfYbXYb`7`Ua`dU[`b`Yf`!`9`ZY`\_`h`  
9]b`k`Y]hYfYg`<][`]\`][`h`X`Yf`B`c`f`X]b`g`Y`]gh`X`Yf`H`c`b`[`Uf]f`c`5`d]b`Y  
7`f`c`g`g]b`[`ž`Y]b`%&!`A`Y`]Yb`!`K`Ub`XYf`k`Y`[`ž`XYf`g`d`Y`\_`h`U`\_i``À`f`Y`5`i`g`V`]W`\_`Y  
Ui`Z`J`i`\_`Ub`Y`k`]Y`A`ci`b`h`F`i`U`d`Y`i`i`b`X`A`ci`b`h`H`c`b`[`Uf]f`c`g`c`k`]Y`Ui`Z  
X]Y`VYf`Ø`a`hYb`Ga`UfU[`X`g`Y`Y`b`V`]Y`h`Y`h`"8]Y`g`Y`F`Y`[ ]cb`]gh`Y]b`A`i`g`g  
Z`Øf`K`Ub`XYf`Y`f`ž`X]Y`X]Y`j`i`\_`Ub]g`W`X`Y`G`Y`Y`Y`B`Yi`g`Y`Y`Ub`X`g`Y`i`h`b`U`  
Y`f`Y`V`Y`b`a`Ø`W`h`Y`b`"

9]b`a`U[ ]gW`X`Y`g`9`f`Y`V`b]g`Y`f`k`U`f`h`Y`h`6`Y`gi`W`X`f`]b`X`Y`b`K`U]h`c`a`c  
;`ck`k`c`f`a`7`Uj`Y`g`ž`k`c`X]Y`Y]bn][`U`f`h][`Y`;`Ø`k`Ø`f`a`W`X`Y`b`U`f`h  
5`f`U`W`b`c`W`J`a`d`U`@`i`a`]b`c`g`U`X]Y`i`b`h`Y`f]f`X]g`W`X`Y`b`<`Ø`Y`b`]b`Y]b  
Z`b`\_`Y`b`X`Y`g`@]W`X`h`h`Ui`W`X`h`6`c`c`h`g`h`c`i`f`Y`b`Xi`f`W`X]Y`g`Y`<`Ø`Y`b`g]b`X  
Y]b`Y`i`b`j`Y`f`[`Y`g`g`]W`X`Y`A`Ø`[`]W`\_`Y]h`ž`X]Y`g`Y`g`B`U`h`i`f`d`Y`À`b`c`a`Y`b`ni  
V`Y`g`h`Ui`b`Y`b`"9`V`Y`b`Z`U`g`Ui`Z`X`Y`f`B`c`f`X]b`g`Y`V`Y`Y]b`X`fi`W`\_`Y`b`X]Y`<`i`\_`U  
:`U`g`V`Y]H`Ui`d`c`ž`k`c`&`&`\$`\$`\$`\$`@]h`Y`f`K`U`g`g`Y`f`d`f`c`G`Y`\_i`b`X`Y`Ø`V`Y`f`X]Y  
:`Y`g`\_`Ub`h`Y`g`h`Ø`f`n`Y`b`"J`c`b`5`i`g`g]W`X`h`g`d`U`h`h`Z`c`f`a`Y`b`c`X`Y`f`V`Y]  
6`c`c`h`g`h`c`i`f`Y`b`\_`Ø`b`Y`b`F`Y]g`Y`b`X`Y`X]Y`f`c`Y`?`f`U`Z`h`X]Y`g`Y`g`K`U`g`g`Y`f`Z`U`g`  
g`d`Ø`f`Y`b`"B]W`X`h`ni`j`Y`f`[`Y`g`g`Y`b`]gh`H`U`b`Y`A`U`i`h`U`]a`K`U]d`c`i`U`:`c`f`Y`g`h`ž  
X`Y`f`[`f`Ø`»`h`Y`?`Ui`f]!`6`Ui`a`B`Yi`g`Y`Y`Ub`X`g`"A`]h`Y]b`Y`f`<`Ø`Y`j`c`b`%)`\$  
A`Y`h`Y`f`b`ž`Y]b`Ya`i`a`Z`U`b`[ ]c`b`(``\$`A`Y`h`Y`f`b`i`b`X`Y]b`Ya`5`h`Y`f`n`k`]g`W`X`Y`b  
%`&)`\$`i`b`X`&`)`\$`\$`Y`f`Y`b`]gh`X]Y`g`Y`f`6`Ui`a`Y]b`Y`V`Y`b`X`Y`g`N`Y`i`[ ]b]g  
X`Y`f`i`f`U`h`Y`b`:``c`f`U`X`Y`g`@`Ub`X`Y`g`"

5i`Z`X`Y`f`G`Ø`X]b`g`Y`X`c`a`]b]Y`f`Y`b`X]Y`G`Ø`X`U`d`Y`b`X]Y`@`Ub`X`g`W`U`Z`h`a`]h  
X`Y`a`a`U`Y`g`h`À`h]g`W`X`Y`b`A`ci`b`h`7`c`c`\_`f`l`"+`&(``a`k`U`g`Y`Ø`W`X`g`h`Y`a`;`]d`Z`Y`  
K`Ub`XYf`k`Y`[ ]Y`]b`X]Y`g`Y`f`F`Y`[ ]c`b`V]Y`h`Y`b`Z`Øf`Y`X`Y`b  
G`W`X`k`]Y`f`[ ]\_`Y]h`g`[`f`U`X`Y`h`k`U`g`ž`j`c`b`[ ]Y`a`Ø`h`]W`X`Y`b`G`d`U`n]Y`f`[`À`b`[ ]Y`b`V]g  
Y]b`ni`Ub`g`d`f`i`W`X`g`j`c`Y`b`6`Y`f`[`h`c`i`f`Y`b`"b`X`Y`f`B`A`Y`Y`]Y`[ ]Y`b`X]Y`:`c`i`!  
i`b`X`:`f`U`b`n`!`x`g`Y`Z];`Y`h`g`W`X`Y`f`ž`n`k`Y`]X`Y`f`ni`[ ]À`b`[`]W`X`g`h`Y`b`;`Y`h`g`W`X`Y`f  
X`Y`f`K`Y`h`K`Ub`XYf`i`b`[ ]Y`b`c`X`Y`f`:`i`[ ]g`U`Z`U`f]g`Y`f`a`Ø`[`]W`X`Y`b`Y`g`ž`X]Y`g`Y  
Y]g][ ]Y`b`;`][ ]Ub`h`Y`b`Ui`g`b`À`W`X`g`h`Y`f`B`A`Y`ni`Y`f`Y`V`Y`b`"9]b`k`Y]h`Y`f`Y`g`

<][ \`][ \h]gh'XYf'@U\_Y'A Uh\Ygcbž'VYfØ\ a h'ZØf'gY]bY'dYfZY\_hYb  
Gd]Y[ Y'i b[ Yb'j cb'A ci bh'7cc\_'i bX'A ci bh'HUga Ub'Ub'\_'UfYb  
HU[ Yb''9]b'a U'Yf]gW\Yf'GdUn]Yf[ Ub[ 'i a 'XYb'GY'Y]gh]XYU'ZØf  
BUhi f']YV\UVYf'i bX': chc[ fUZYb"

⇒a 'GØXk YghYb'XYf'GØX]bgY''Y[ h'XYf': ]cfX`UbX'B Uh]cbU'DUf\_ž  
<Y]a Uh'XYg'A ]ZcfX'Gci bXž'XYf'cZi'U'g'XUg' UW\hY'K Y'hk i bXYf  
VYnY]W\ bYh'k ]fX''8]YgYf'j cb'; 'YhgW\Yfb'[ YZcfa hY': 'cfX']gh'j cb  
ghY]Yb'6Yf[ Yb'i bX'hcgYbXYb'K UggYfZÄ''Yb'i a [ YVYb"  
6ccHgZU\ fhYb'i bX'HUi W\hci fYb'V]YhYb'X]Y'A Ø[ 'W\ \_Y]hž'X]Y  
GW\Øb\Y]hi bX'X]Y'I bhYfk UggYfk Y'h'X]YgYg'C fhYg'ni 'YbhXYW\_Yb"  
9VYbZU''g'VYY]bXfi W\_YbX'g]bX'X]Y'6'i Y'Dcc'g'Ua ' < UUgh'DUggž  
XYfYb''YVYbX][ 'V'Ui Yg'K UggYf'j cb'; 'YhgW\Yfb'[ YgdY]gh'k ]fX''9]b  
\_i fnYf'GdUn]Yf[ Ub[ 'ZØ\fh'ni 'X]YgYa 'j YfghYW\_hYb'ž k Y'ž'XUg'g]W\  
dYfZY\_h'ZØf'Y]bY'YfZf]gW\YbXY'DUi gY'Y][ bYh''5b'XYf'K Ygh\_ØghY'XYf  
GØX]bgY''ZUgn]b]YfYb'X]Y'DUbWU\_Y'F cW\_g]b'Di bU\_U\_]ž'ghUdY'Ufh][ Y  
?U'\_ghY]bZcfa Uh]cbYbž'X]Y'Xi fW\ '9fcg]cb'YbhghUbXYb'g]bX''6Y]  
'i h'V]YhYb'g]Y'Y]bY'gdY\_hU\_i 'ÄfY'K UggYfg\ck ž'k Ybb'XUg'A YfYf  
Xi fW\ 'X]Y': Y'ggdU'hYb'gW\]Y» h"

K Y]hYf'gØX`W\ž']b'XYf'BÄ\Y'j cb'8i bYX]bž''Y[ Yb'X]Y'A cYfU\_]  
6ci 'XYfg'Ua '?cY\_c\Y'6YUW\''8]YgY'fi bX'\* \$'A ]''cbYb'ž\ fY  
U'hYbž'\_i [ Y'ZØfa ]][ Yb': Y'gYb'g]bX'Xi fW\ 'Y]bYb  
, VYf'U[ Yfi b[ gdfcnYgg'YbhghUbXYb'i bX'V]YhYb'Y]bYb'gi ffYU'Yb  
5bV'W\_'a 'A UW\_Ybn]Y'7ci bhfm'cW\_h'XYf'@U\_Y'HY\_Udc'a ]h  
gY]bYa 'hØf\_]gZUfVYbYb'K UggYf'i bX'gY]bYf'6YXYi hi b[ 'U'g  
K UggYf\_fUžei Y''Y'ZØf'X]Y'i a 'Y[ YbXYb'GhÄXhY''6YgcbXYfg'VY]  
BUW\h]gh'XYf'GY'Y]b' < chgdch'ZØf'GhYfbYbVYcVUW\hi b[ ž'XU'X]Y  
FY[ ]cb'ni 'XYb'\_'UfghYb' < ]a a Y'b'XYf'K Y'h[ Y\Øfh''K Yf'a Y\ f  
ØVYf'X]YgY'i bX'k Y]hYfY'BUhi fk i bXYf'YfZU\ fYb'a ØW\hYž'Z]bXYh'Ui Z  
**H\Y'D`UbYhg'K cf`X`Y]**bY'i a ZUggYbXY', VYfg]W\h'XYf  
VYY]bXfi W\_YbXghYb'ChY'BYi gYY'UbXg"

BYi gYY'UbXg'BUhi fk i bXYf'g]bX'gc'j ]Y'ZÄ'h][ 'k ]Y'XUg'@UbX'gY'Vgh"  
Jcb'XYb'[ Ych\Yfa U'Yb'E i Y''Yb'XYf'BcfX]bgY''V]g'ni 'XYb'U'd]bYb  
@UbXgW\UžYb'XYf'GØX]bgY''V]YhYh'YXY'FY[ ]cb'\ fY'Y][ YbYb  
GW\ÄhY''8]Y'VYghY'FY]gYnY]hž'i a 'X]YgY'GW\Øb\Y]hYb'ni 'Yf'VYbž  
]gh'XYf'GØXgca a Yf'j cb'8YnYa VYf'V]g': YVfi Ufž'k Ybb'XUg'K YhYf

a ]X'i bX'X]Y'HU[ Y`Ub[ 'g]bX"9[ U'ž'cV'G]Y'X]Y'? ØghYbž'K À'XYf  
cXYf'6Yf[ Y'Yf\_i bXYb' 'BYi gYY'UbX'k ]fX'G]Y'a ]h'gY]bYf  
i bVYfØ\fhYb'DfUW'h'i]b'XYb'6Ubb'n]Y\Yb"

? i `hi fY`Y`J ]Y`ZU`h'i bX`A Ucf]9fVY



BYi gYY'UbX ]gh'b]W'h'bi f'Y]b'@UbX'UhYa VYfUi VYbXYf  
@UbXgW'UZhYbž'gcbXYfb'Ui W'Y]b'c fhž'Ub'XYa ; YgW ]W'hY'i bX  
HfUX]h]cbYb'Y]bY'nYbhfU'Y'F c`Y'gd]Y'Yb"8 ]Y`\_i`hi fY`Y` ðXYbh]hÀh  
XYg'@UbXYg' ]gh'h]YZ'j Yfk i fnY'h'i]b'XYf'; YgW ]W'hY'XYf' ]bX][ YbYb  
A Ýcf]ž'X]Y'j cf'ØVYf', \$\$'š\fyb'U'g'YfghY'X]Y' ðgY'b'VYg]YXY'hYbž  
gck ]Y' ]b'XYb'gd'ÀhYfYb'9]bZØggYb'XYf'Yi fcd'À]gW'Yb'G]YX'Yf"  
8 ]YgY'A ]gW'i b[ 'Ui g'dc`mbYg]gW'Yf'i bX'Yi fcd'À]gW'Yf'? i`hi f  
gW'UZZh'Y]bY'Y]bn][ Ufh][ Y'J ]Y`ZU`hž'X]Y'g]W' ]b'6f'Ài W'Ybž'GdfUW'Y  
i bX'5`hU[ g'YVYb'k ]XYfgd]Y[ Y'h"9]b'J Yfgh'AbXb]g'XYf'; YgW ]W'hY  
i bX'HfUX]h]cbYb'BYi gYY'UbX'g'V]YhYh'F Y]gYbXYb'Y]bYb'h]YZfYb  
9]bV' ]W' ]b'X]Y'GYY'Y'XYg'@UbXYg'i bX'nY][ hž'k ]Y'J Yf[ Ub[ Yb\Y]h  
i bX'; Y[ Ybk Ufh\Ufa cb]gW'a ]hY]bUbXYf'j Yf\_bØdZh'g]bX"

8]Y`A`Ýcf]ž`X]Y`i`fgdfØb[ `]W`X`Y`b`6`Y`k`c`l`b`Y`f`B`Y`i`g`Y`Y`U`b`X`g`ž`\_`U`a`Y`b`  
j`Y`f`a`i`h]W`j`a``%`" `:U`l`f`l`i`b`X`Y`f`h`i`a`]h`?`U`b`i`g`j`c`b`X`Y`b`d`c`m`b`Y`g]g`W`X`Y`b`  
=bg`Y`b`" `=f`Y`?`i`h`i`f`]gh[ `Y`d`f`À[ `h`j`c`b`Y`]b`Y`f`h`]Y`Z`Y`b`J`Y`f`V]b`X`i`b`[ `n`i`f`  
B`U`h`i`f`ž`X]Y`g]W`j`b`A`m`h`Y`b`ž`@Y[ `Y`b`X`Y`b`i`b`X`g`d]f]h`i`Y`Y`b`D`f`U`\_`h]\_`Y`b`  
k`]X`Y`f`g`d]Y[ `Y`h`"9]b`n`Y`b`h`f`U`Y`g`9`Y`a`Y`b`h`X`Y`f`A`Ý`c`f]!`H`f`U`X]h]c`b`]g`h`X`U`g`  
?`c`b`n`Y`d`h`X`Y`g`K` \`U`\_`U`d`U`d`U`ž`X`Y`f`5` \`b`Y`b`f`Y] \`Y`ž`X]Y`A`Y`b`g`W`X`Y`b`a`]h`  
] \`f`Y`b`J`c`f`Z`U` \`f`Y`b`i`b`X`X`Y`f`l`a`k`Y`h`j`Y`f`V]b`X`Y`h`"8]Y`g`Y`  
K`Y`h`U`b`g`W`X`U`i`i`b[ `d`f`À[ `h`V]g` \`Y`i`h`Y`X`U`g`J`Y`f`g`h`À`b`X`b]g`j`c`b`  
;`Y`a`Y`]b`g`W`X`U`Z`h`i`b`X`J`Y`f`U`b`h`k`c`f`h`i`b`[ `]`Y[ `Y`b`Ø`V`Y`f`X`Y`f`B`U`h`i`f`  
6`Y`g`i`W`X`Y`f`\_`Ø`b`b`Y`b`X]Y`g`Y`H`f`U`X]h]c`b`Y`b`]b`g`c[ `Y`b`U`b`b`h`Y`b`A`U`f`U`Y`ž`X`Y`b`  
J`Y`f`g`U`a`a`i`b[ `g`l`À`i`g`Y`f`b`X`Y`f`A`Ý`c`f]ž`Y`f`Y`V`Y`b`ž`k`c`N`Y`f`Y`a`c`b]Y`b`k`]Y`  
X`Y`f`D`k` \`f]`i`Y]b`h`f`U`X]h]c`b`Y`Y`g`K`j`\_`c`a`a`Y`b`g`f]h`i`U`  
g`h`U`h`ž]b`X`Y`b`"G`c`W`X`Y`6`Y[ `Y[ `b`i`b[ `Y`b`V]Y`h`Y`b`Y`]b`Y`b`U`i`h`Y`b`h]g`W`X`Y`b`  
9]b`V`]W`\_`]b`X]Y`K`Y`f`h`Y`i`b`X`X`Y`b`F`Y`g`d`Y`\_`h`ž`X]Y`X]Y`A`Ý`c`f]!`?`i`h`i`f`  
U`i`g`a`U`W`X`Y`b`"

9]b`k`Y]h`Y`f`Y`f`V`Y`X`Y`i`h`Y`b`X`Y`f`5`g`d`Y`\_`h`X`Y`f`A`Ý`c`f]!`H`f`U`X]h]c`b`]g`h`X`Y`f`  
<`U`\_`U`ž`Y`]b`\_`f`U`Z`j`c`Y`f`H`U`b`n`ž`X`Y`f`c`Z`h`i`a`]h`?`f]Y[ `c`X`Y`f`  
<`Y`f`U`i`g`Z`c`f`X`Y`f`i`b[ `U`g`g`c`n]]Y`f`h`k`]f`X`ž`U`V`Y`f`U`i`W`X`V`Y]:`Y]Y`f`]W`X`\_`Y]h`Y`b`  
i`b`X`6`Y[ `f`Ø»`i`b[ `Y`b`U`i`Z[ `Y`Z`Ø`f`h`k`]f`X`"K`Y`h`k`Y]h`V`Y`\_`U`b`b`h`k`i`f`X`Y`X`Y`f`  
<`U`\_`U`X`i`f`W`X`X]Y`b`Y`i`g`Y`Y`À`b`X]g`W`X`Y`F`i`[ `V`m`B`U`h]c`b`U`a`U`b`b`g`W`X`U`Z`h`X]Y`  
5`"6`U`W`\_`g`ž`X]Y`]b`j`c`f`Y`X`Y`a`G`d]Y`"U`g`5`i`g`X`f`i`W`\_`j`c`b`G`h`À`f`\_`Y`i`b`X`  
9]b` \`Y]h`X`U`f`V]Y`h`Y`h`":`Ø`f`F`Y]g`Y`b`X`Y`[ `]V`h`Y`g`n`U` \`f`Y]W`X`Y`A`Ø[ `]W`X`\_`Y]h`Y`b`ž`  
Y]b`Y`b`<`U`\_`U`"j`Y`n`i`Y`f`Y`V`Y`b`ž`g`Y]Y`g`V`Y]`\_`i`h`i`f`Y`Y`b`  
J`Y`f`U`b`g`h`U`h`i`b[ `Y`b`c`X`Y`f`]b`A`Ý`c`f]!`8`Ø`f`Z`Y`f`b`k`]Y`F`c`h`c`f`i`U`ž`k`c`  
6`Y`g`i`W`X`Y`f`U`i`W`X`h`f`U`X]h]c`b`Y`Y`Y`?`Ø`b`g`h`Y`k`]Y`G`W`X`b]h`n`Y`f`Y]i`b`X`K`Y`V`Y`f`Y`  
\_`Y`b`b`Y`b`Y`f`b`Y`b`\_`Ø`b`b`Y`b`"8]Y`g`Y`\_`i`h`i`f`Y`Y`b`5`i`g`X`f`i`W`\_`g`Z`c`f`a`Y`b`g]b`X`  
Y]b`Y`V`Y`b`X][`Y`g`N`Y`i`[ `b]g`X`Y`f`J`]Y`Z`U`h`ž`X]Y`B`Y`i`g`Y`Y`U`b`X`d`f`À[ `h`ž`i`b`X`  
g`d]Y[ `Y`b`X]Y`6`Y`X`Y`i`h`i`b[ `X`Y`g`\_`i`h`i`f`Y`Y`b`5`i`g`h`U`i`g`W`X`g`k`]X`Y`f`ž`k`]Y`Y`g`  
U`i`W`X`]b`]b`h`Y`f`b`U`h]c`b`U`Y`b`?`c`b`h`Y`i`h`Y`b`ž`Y`h`k`U`X`i`f`W`X`X]Y`**8`Y`i`h`g`W`X`Y`  
I`B`9`G`7`C`!`?`c`a`a`]g`g]c`b`ž`[ `Y`Z`Ø`f`X`Y`f`h`k`]f`X`"**

8]Y`i`Y`g`W`X]W`X`h`Y`B`Y`i`g`Y`Y`U`b`X`g`k`i`f`X`Y`a`U»[ `Y`V`]W`X`X`i`f`W`X`X`Y`b`  
J`Y`f`h`f`U[ `j`c`b`K`U]h`U`b[ `]`[ `Y`Z`c`f`a`h`ž`X`Y`f`%`(`\$`n`k`]g`W`X`Y`b`X`Y`b`A`Ý`c`f]i`b`X`  
X`Y`f`V`f]h]g`W`X`Y`b`?`f`c`b`Y`i`b`h`Y`f`n`Y]W`X`b`Y`h`k`i`f`X`Y`"8]Y`g`Y`f`J`Y`f`h`f`U[ `Y`[ `h`Y`  
X`Y`b`i`b`X`g`h`Y]b`Z`Ø`f`X]Y`?`c`c`b]g]Y`f`i`b[ `X`i`f`W`X`Y`i`f`c`d`À]g`W`X`Y`G]Y`X`Y`f`  
i`b`X`g`c`h`Y`X]Y`F`Y`W`X`h`Y`X`Y`f`A`Ý`c`f]g`W`X`Ø`h`n`Y`b`"8`c`W`X`X]Y`l`a`g`Y`h`n`i`b[ `  
Z`Ø`f`h`Y`n`i`?`c`b`Z]\_`h`Y`b`i`b`X`@`U`b`X`j`Y`f`i`g`h`Y`b`Z`Ø`f`X]Y`]b`X][`Y`b`Y`b`J`Ø`\_`Y`f`ž`

k Ug`V]g`\\Yi hY`Y]b`gYbg]V`Yg`H`Ya`U`]gh`8Yf`J`YfhfU[ ` ]`h`XYbbcW`  
U`g`Y]b`A`Y]`YbghY]b`]b`XYf`;`YgW`]W`hY`XYg`@UbXYg`i`bX`k`]fX`  
`A`\\f`]W`Ua` `\*`":`YVfi`Ufz`XYa` `K`U]hUb[ ` ]`8Umz`[ `YZY]Yfh`8]YgYf`  
B`Uh]cbU`ZY]YfhU[ ` ]gh`Y]bY`;`Y`Y[ `Yb`\\Y]hž`ØVYf`X]Y`J`Yf[ `Ub[ `Yb`\\Y]h`  
bUW`ni`XYb`\_Yb`i`bX`X]Y`6Yn]Y`i`b[ `Yb`nk`]gW`Yb`A`Ýcf]i`bX`DÝ`\_Y`\\Y`  
fYi`fcd`A]gW`gh`A`a`a`][ `Y`BYi`gYY`AbXYf`Ł`ni`gh`A`f`\_Yb`"6Ygi`W`Yf`  
\_`Òb`bYb`K`U]hUb[ ` ]`VYgi`W`Yb`ž`k`c`XUg`HfYUhm`<`ci`gY`i`bX`XUg`K`\\UfY`  
F` `b`Ub[ `Už`Y]b`[ `YgW`b]hnhYg`J`YfgUa`a` `i`b[ `g`\\Ui`gž`9]bV`]W`\_Y`]b`  
X]YgY`\\]ghcf]gW`Y`9dcW`Y`V]YhYb`"

B`YVYb`XYf`A`Ýcf]!`?`i`hi`f`\\Uh`Ui`W`X]Y`Yi`fcd`A]gW`Y`9]bk`UbXYfi`b[ `ž`  
]bgVYgcbXYfY`Ui`g`;`fc`»`Vf]hUbb]Ybž`X]Y`HfUX]h]cbYb`BYi`gYY`UbXg`  
[ `Ydf`A`h`5V`XYa` `%-`" `\\f`\\i`bXYfh`VfUW`hYb`G]YX`Yf`\\fY`GdfUW`Yž`  
F`Y`][ `]cb`i`bX`@VYbgk`Y]gY`a` ]hž`k`Ug`g]W` `]b`XYf`5fW`]hY`\_hi`fž`XYb`  
Gh`X`hY`b`i`bX`XYf`dc`]h]gW`Yb`Ghfi`\_hi`f`XYg`@UbXYg`k`]XYfgd]Y[ `Y`h`  
Gh`X`hY`k`]Y`7`\\f]ghW`i`fW`ž`c`Zi`U`g`X]Y` `Yb[ `]gW`ghY`GhUX`h`Ui`»`Yf`\\U`V`  
9b[ `UbXg` `VYnY]W`bYhž`nY][ `Yb`X]YgYb`9]bZi`gg`a` ]h]`\\fYb`[ `ch]gW`Yb`  
?`Uh`YXfU`Yb`i`bX`[ `YdZY[ `hYb`;`A`fhYb`";` `Y]W`nY]h][ `\\Uh`g]W` `Y]bY`  
bYi`gYY`Ab`X]gW`Y`»`Yb`h]h`A`h`Yb`hk` ]W`\_Y`hž`X]Y`9`Ya`Yb`hY`VY]XYf`  
?`i`hi`fYb`j`YfY]b`h` `Y]b`6Y]gd]Y`ZØf`\_i`hi`fY`Y`J`]Y`ZU`hž`X]Y`Ui`W`  
[ `c`VU`U`g`E`i`Y`Y`ZØf`?`fYUh]j`]h`A`hi`bX`9fbYi`Yfi`b[ `UbYf`\_Ubb`h`k`]fXž`  
k`]Y`Yg]b`XYf`5` `[ `Ya`Y]bYb`9f`\_`Afi`b[ `ni`f`\_i`hi`fY`Yb`J`]Y`ZU`h`  
**XYf`i`B`9G7C`VYhcb`h`k`]fX`"**

8]Y`GdfUW`Y`]gh`Y]b`k`Y]hYfYf`6YfY]W`ž`]b`XYa`X]Y`\_i`hi`fY`Y`  
J`]Y`ZU`h`BYi`gYY`UbXg`g]W`hVUf`k`]fX`"B`YVYb`9b[ `]gW` `]gh`HY`F`Yc`  
A`Ýcf]`Y]bY`XYf`c`Z]n]Y`Yb`GdfUW`Yb`XYg`@UbXYgž`i`bX`]`\\fY`  
K`]YXYfVY`YVi`b[ `]gh`Y]b`k`]W`h][ `Yf`6YghUbXhY]`XYf`bUh]cbU`Yb`  
6Ya`Ø`\\i`b[ `Ybž`X]Y`]bX][ `YbYb`HfUX]h]cbYb`ni`VYk`U`\\fYb`"J`]Y`Y`  
C`fhgbUa`Ybž`k`]Y`5`chYUfc`U`fKYf`A`Ýcf]!`BUa`Y`ZØf`BYi`gYY`UbXž`XYf`  
`@UbX`XYf`\_Ub[ `Yb`k`Y]»`Yb`K`c`\_Y` `VYXYi`hYhž`i`bX`U`h`A[ `]W`Y`  
6Y[ `fØ`»`i`b[ `Yb`k`]Y` `?`]U`C`fU` `fk`U`c`Ł`g]bX`6Y]gd]Y`Y`ZØf`X]Y`  
`»`hY[ `fUh]cb`XYf`A`Ýcf]!`GdfUW`Y`]b`XYb`5`hU[ `":`Øf`F`Y]gYbXY`]gh`Yg`  
Y]bY`VYgcbXYfY`9fZU`\\fi`b[ `ž`X]YgY`K`cfhY`ni` `YfbYb`i`bX`ni`  
j`Yfk`YbXYbž`i`a`F`YgdY`\_h[ `Y[ `Yb`ØVYf`XYf`?`i`hi`f`ni`nY][ `Yb`"

B`Yi`gYY`UbXg`;`YgW`]W`hY`i`bX`HfUX]h]cbYb`g]bX`Y]b`ZUgn]b]YfYbXYg`  
;`YZYW`h`Ui`g]bX][ `YbYb`K`i`fnY`b`i`bX`\_c`cb]U`Yb`9]bZØggYbž`XUg`

XUg'@UbX'ni 'Y]bYa 'Y]bn][ Ufh][ Yb'FY]gYn]Y'a UW h"CV'VY]'Y]bYa  
6Ygi W' ]b'Y]bYa 'A UfUYž'XYf'HY]'bU\ a Y'Ub'Y]bYa ' <U\_U'cXYf'XYf  
9f\_i bXi b[ '\]ghcf]gWXYf'GhÀhhYb'k ]Y'K U]hUb[ ]' 'X]Y'\_i 'hi fY''Y  
H]YZ'XYg'@UbXYg'`ÀXh'XUni 'Y]bž'ØVYf'X]Y'CVYfZÀWY  
\]bUi gni [ Y\Yb'i bX'X]Y'; YgW]W'hYb'\]bhYf'XYb'@UbXgW UZhYb'ni  
YbhXYW\_Yb"8]YgY'6Y[ Y[ bi b[ Yb'VYfY]WYfb'b]W'h'bi f'X]Y'FY]gYž  
gcbXYfb'ZØfXYfb'Ui W'Y]b'h]YZ'fYg'J YfghÀbXb]g'ZØf'X]Y'6YXYi hi b[  
j cb'\_i 'hi fY''Yf'J ]Y'ZU'hi bX'Ni gUa a Yb'YVYb"

## 5VYbhYi Yf'i bX'5\_h]j ]hÀhYb



BYi gYY'UbX']gh'Y]b'k U\ fYg'DUfUX]Yg'ZØf'Ci hXccf!9bh\i g]UghYbž  
X]Y'XUg'5VYbhYi Yf']b'U''gY]bYb': UW'hYb'gi W'Yb"8Ug'@UbX'V]YhYh  
Y]bY'VYY]bXfi W\_YbXY'J ]Y'ZU'h'Ub'5\_h]j ]hÀhYbž'X]Y'gck c\`  
5XfYbU']b'† b\_]Yg'U'g'Ui W'BUhi f']YV\UVYf'Ub'gd'fYW'Yb"J cb'XYb  
gW'fcZZYb'; ]dZY'b'XYf'GØXU'dYb'V]g'ni 'XYb'fi '\][ Yb'; Yk ÀggYfb  
XYf': ċfXY' '\]Yf'Z]bXYh'YXYf'gY]b'dYfgØb']W'Yg'5VYbhYi Yfž'k ]Y  
Yg']a'8Yi hgW'Yb'gc'hfYZZYbX'[ YbUbb'h'k ]fX"9[ U'ž'cV'G]Y'X]Y  
<YfUi gZc'fXYfi b[ ]b'XYb'6Yf[ Yb'gi W'Ybž'Ui Z'XYa 'K UggYf'hfY]VYb  
cXYf'Y]bZUW'X]Y'i bVYfØ\fhY'BUhi f'[ Yb]Y» Yb'a ØW'hYbž

B Yi gYY`UbX`UhZ0f`YXYb` ; YgWka UW`Yhk Ug`ni `V]YhYb`"

: 0f`K UbXYfYf`]gh`BYi gYY`UbX`Y]b`HfUi a n]Y`ž`XUg`a ]h`gY]bYb`bYi b  
cZ]n]Y`Yb` ; fYUh`K U`\_g`k Y`hk Y]h`VY`Ubbh`]gh`8Yf`A ]`ZcfX`HfUW`ž  
cZh`U`g`Y]bY`XYf`gW`0bghYb`K UbXYfi b[ Yb`XYf`K Y`h`VYnY]Wk bYhž  
Z0\fh`Xi fW`XYb` : ]cfX`UbX`BUh]cbU`DUf`\_`i bX`V]YhYh`gdY`\_hU`\_i `ÀfY  
5i gV`]W`\_Y`Ui ZK UggYfZÀ`Y`i bX`6Yf[ Y`"9VYbgc`VYY]bXfi W`YbX`]gh  
XYf`Hcb[ Uf]fc`5`d]bY`7fcgg]b[ `Ui ZXYf`BcfX]bgY`ž`Y]b  
HU[ Ygk UbXYfk Y[ ž`XYf`Xi fW`j`i`\_Ub]gWk Y`@UbXgWk UZhYb`a ]h  
Ga UfU[ XgYYb`i bX`U`\_hj Yb`J`i`\_UbYb`Z0\fh` : 0f`X]Y`Yb][ Ybž`X]Y  
a Y`fhÀ [ ][ Y`Hci fYb`VYj cfni [ Ybž`V]YhYh`XYf`5VY`HUga Ub`7cUgh  
HfUW`\_Y]bY`Yb`hgdUbbhYfY`5`hYfbUh]j Y`a ]h[ c`XYbYb`Ghf`ÀbXYb`i bX  
h0f`\_]gZUfVYbYa`K UggYf`K UbXYfb`]gh`\]Yf[ Ubn`À\`f][ `a 0[ `]Wk ž  
k cVY]`XYf`G0Xgca`a Yf`fBYnYa`VYf`V]g : YVfi Uf`X]Y`VYghYb  
6YX]b[ i b[ Yb`V]YhYh`9]bY`[ i hY`5i gf0ghi b[ `a ]h`K UbXYfgWk i`Ybž  
Fi W`gUW`\_i bX`?UfhYba`UhYf]U`]gh`YggYbn]Y`ž`i`a`X]Y`HfU]`g`g]Wk Yf  
ni`[ Yb]Y»Yb`"

K Yf`XUg`5XfYbU`]b`gi Wk hž`Z]bXYh`]b`BYi gYY`UbX`i bn`À\`][ Y  
A 0[ `]Wk`\_Y]hYbž`XYb`Di`\_g`]b`X]Y`<0\Y`ni`hfY]VYb`"E`i`YYbgkck`bž`cZh  
U`g`5VYb`hYi`Yf\`Ui`dhghUXh`XYf`K`Y`h`VYnY]Wk`bYhž`]gh`XYf`dYfZY`\_hY  
5i`g[ Ub[ gdi`b`\_h`Z0f`5`\_hj ]h`ÀhYb`k ]Y`6i`b[ YY!`ž`a`d]b[ ž`G`\_mX]j ]b[  
i`bX`ž`hV`cchl : U\fhYb`Ui`ZXYa`G\c`hcj`Yf`F`j]`Yf`"8Yf`?`Uk`UfUi  
6f]X[ Y`6i`b[ mž`XYf`YfghY`\_ca`a`Yfn]Y`Y`6i`b[ YY!`Gdfi`b[ `XYf`K`Y`hž  
`cW`\_h`A`i`h][ Y`a ]h`Y]bYa`(`!`A`YhYf!`Gdfi`b[ `0VYf`h0f`\_]gZUfVYbYg  
K`UggYf`" : 0f`6Yf[ ghY][ Yf`V]YhYb`X]Y`G0XU`dYbž`]bgVYgcbXYfY`XYf  
A`ci`bh`7cc`ž`Ubgdfi`Wk`gj`c`Y`F`ci`hYbž`X]Y`Y]bY`Z`bX]YfhY  
J`cfVYfY]hi`b[ `i`bX`cZh`Y]bYb`YfZU`fYbYb` : 0\`fYf`YfZcfXYfb`"8 ]YgY  
5`\_hj ]h`ÀhYb`g]bX`VYgcbXYfg]b`XYb`k`Àfa`YfYb`A`cbUhYb`j`cb  
: f0\`]b[ `V]g`<YfVgh`Ya`dZY`\`Yb`gk`Yf`hž`k`Yb`b`XUg`K`Yh`Yf`ghUV]`Yf  
]gh`"

5i`ZXYa`K`UggYf`[ ]Vh`Yg`YVYbZU`\_g`Y]bY` : 0`Y`Ub`9f`YVb]ggYbž`X]Y  
j`cb`Yb`hgdUbbh`V]g`UWk]cb[ Y`UXYb`fY]Wk`Yb`"?`U`U`\_ZU`fYb`]b`XYf`6Um  
cZ`g`UbXg`cXYf`]a`5VY`HUga`Ub`BUh]cbU`DUf`\_Yfa`0[ `]Wk`h`Ygž  
j`YfghYW`\_hY`6i`Wk`hYb`i`bX`Ghf`ÀbXY`ni`Yf`\_i`bXYbž`k`À`fYbX`a`Ub`a`]h  
Yhk`Ug` ; `0W`\_8Y`Z]bY`cXYf`GY`Y\`i`bXY`VYcVUWk`hYb`\_Ubb`" : 0f  
F`UZh]b[ ! : Ub`g`V]YhYb` : 0ggY`k`jY`XYf`?`U]hi`bU`F`j]`Yf`VY]`F`c`h`c`fi`U

k ]'XY'Ghfca gW.bY`Ybž]b\_`i gj Y`XYf`A Ò[ `]W\_X]hž`ØVYf`Y]bYb  
g]YVYb`A YhYf`c\Yb`K UggYfZU``ni`ghØfnYb``K Yf`Yg`fi \][ Yf`a U[ ž  
\_Ubb`Y]bY`6cchgZU\fh]a `A ]`ZcfX`Gci bX`i bhYfbY\`a Ybž`i a `X]Y  
a U`Ygh`h]gW.Yb` : `cfXY`i bX`K UggYfZ`A``Y`ni`VYghUi bYb``8 ]YgY  
K UggYfU\_h]j ]h`hYb`g]bX`cZi[ Ub`n`A\`f][ `a Ò[ `]W\_ž`k cVY]`XYf  
Gca a Yf`X]Y`Ub[ YbY\`a ghYb`HYa dYfUhi fYb`V]YhYhž`k ]Y`Ui W`VY]  
j ]Y`Yb`UbXYfYb`Ci hXccf!`XY`Yb`Ui Z`C i gi WU`VYgW.f]YVYb"

: Øf`F UXZU\`fYf`\`A`h`BYi gYY`UbX`Y]bY`J ]Y`nU\``Ub`GhfYW\_Yb`VYfY]hž  
X]Y`gck c\`ZØf`HU[ YgUi gZØ[ Y`U`g`Ui W`ZØf``Ab[ YfY`Hci fYb  
[ YY][ bYh`g]bX``8Yf`C hU[ c`7YbhfU`F U]`HfU]`Ui ZXYf`GØX]bgY``]gh  
Y]bY`XYf`VY`]YVhYghYb`F ci hYbž`X]Y`Ui ZY]bYf`Y\`Ya U`][ Yb  
9]gYbVU\`bghfYW\_Y`Xi fW`a U`Yf]gW.Y`@UbXgW`UZhYb`i bX  
\]ghcf]gW.Y`Gh`XhY`ZØ\`fh``8 ]YgY`GhfYW\_Y`]gh]XYU`ZØf` : Ua ]]Yb`cXYf  
k Yb][ Yf`YfZU\`fYbY`F UXZU\`fYfž`XU`g]Y`fY`Uhj] `ZUW`gh`` : Øf  
5VYb`hYi Yf`i gh][ Y`V]YhYh`XYf`BYk `NYU`UbX`7mWY`HfU]`ž`Y]b  
BYhk Yf`\_`Ui g`&`GhfYW\_Ybž`Ub`gdfi W`gj c``YfY`F ci hYb`Xi fW  
VYf[ ]][ Y`F Y[ ]cbYb`i bX`UV[ Y`Y[ YbY`H`A`Yf``9]bY`[ i hY`5i gfØghi b[  
a ]h: U\`ffUX\`Y`a `i bX`FYdUfUhi f`\_]h]gh`\]Yf`i bYf`Àgg`]W`ž  
VYgcbXYfg`VY]`a Y\`fh`A [ ]][ Yb`Hci fYb`]a ` : fØ\`U\`f`cXYf`<YfVghž  
k Ybb`XUg`K YhYf`k YW`gY`\`UZh`gY]b`\_`Ubb"

5i W`ZØf`X]Y`Yb][ Ybž`X]Y`Yg`fi \][ Yf`Ub[ Y\`Yb``UggYb`a ÒW`hYbž  
[ ]]Vh`Yg`nU\`fY]W.Y`C i hXccf!`9f`YVb]ggYž`X]Y`9bhgdUbbi b[ `i bX  
BUhi f[ Ybi gg`j YfV]bXYb``9]b`D]W\_b]W`\_`Ua `@U`\_Y`HY`Udcž`i a [ YVYb  
j cb`hØf\_]gZUfVYbYa `K UggYf`i bX`gW`bYVYXYW`hYb`6Yf[ Ybž]gh  
Y]b`dYfZY`\_hYg`6Y]gd]Y``9VYbgc`V]YhYh`Y]b`GdUn]Yf[ Ub[ `ni`XYb  
6`i Y`Dcc`g`Ua `<UUgh`DUgg`Y]bY`\_i fnYž`UVYf`c\`bYbXY`A Ò[ `]W\_X]hž  
X]Y`GW`Öb\`Y]h`XYf`[ `YhgW`Yf[ YgdY]ghYb` ; Yk`ÀggYf`ni`Yf`YVYb`` : Øf  
Y]bY`VYgcbXYfY`9fZU\`fi b[ `\_ÖbbYb`6Ygi W`Yf`Y]bY  
BUW`hk UbXYfi b[ `i bhYf`XYa ` \_`UfYb`GhYfbYb\]a a Y`XYf`GØX]bgY`  
i bhYfbY\`a Yb` `Y]bY`Gh]fb`Ua dY`[ YbØ[ hž`i a `XYb`K Y[ `ni  
VY`Yi W`hYb``Gc`W`Y`5\_h]j ]h`hYb`g]bX`[ Ub`n`A\`f][ `a UW`VUf`i bX  
YfZcfXYfb`cZi`bi f`a ]b]a U`Y`5i gfØghi b[ ž`k Ug`g]Y`ZØf`YXYfa Ubb  
ni [ `Ab[ `]W`a UW`h"

BYi gYY`UbX`V]YhYh`ni XYa `Y]bn][ Ufh][ Y`9f`YVb]ggY`k ]Y  
; YcWUW]b[ `]b`UV[ Y`Y[ YbYb`K `A`XYfb`cXYf`XUg`6YcVUW`hYb`j`cb

; \Øk Øfa WYb`j b`XYb`K U]hca c`7Uj Ygž`k c`Y]bY`6ccchghi f`Xi fW  
X]Y`Yi W`hYbXYb`< Ò\`Yb`i bj Yf[ Ygg`]WY`A ca YbhY`gW UZh": Øf  
7Ua dYf`[ ]Vh`Yg`i bnÀ\`][ Y`D`ÀhnYž`j cb`Y]bZUWYb`GhY`d`ÀhnYb`V]g  
\]b`ni`i`i`i`f]ÖgYb`; `Ua`d]b[ !Cdh]cbYbž`X]Y`Yg`Yfa Ò[ `]WYbž`X]Y  
BUhi f`\Ui hbU\`ni`Yf`YVYb`"CV`G]Y`]b`Y]bYa`NY`hi bhYf`XYb  
GhYfbYb`gW`UZb`cXYf`Y]bZUW`bi f`Y]bY`<Àb[ Ya UhhY`nk ]gWYb  
6Ài a Yb`Ui Z`Àb[ Yb`X]Y`A Ò[ `]W`\_Y]hYbž`X]Y`Zf]gWY`@ Zhni  
[ Yb]Y» Ybž`g]bX`YbX`cg`"BYi gYY`UbXg`Ci hXccf!5b[ YVchY`g]bX`gc  
j ]Y`Z`h][ ž`XUgg`g]Y`YXYb`F Y]gYbXYbž`i bUV`Àb[ ][ `j cb`:]hbYgg`Yj Y`  
cXYf`J cf`]YVYbž`]b`]\fYb`6Ubb`n]Y`Yb`"

? i `]bUf]gWY`9bhXYW`\_i b[ gfY]gY



8]Y`bYi gYY`ÀbX]gWY`? ØWY`i bX`K Y]b`\_i`hi`f`g]bX`Y]b`Gd]Y[ Y`V]`X  
XYf`\_i`hi`fY`Yb`J ]Y`ZU`hi`bX`XYf`bUhØf`]WYb`i: Ø`Y`XYg`@UbXYg`  
6YY]bZi`ggh`j`cb`XYf`]bX][ YbYb`A`Ýcf]!`?i`hi`fž`Yi`fcdÀ]gWYb  
G]YX`Yfb`gck ]Y`Ug]Uh]gWYb`i`bX`Ua`Yf`\_Ub]gWYb`9]bZØggYbž`V]YhYh  
BYi`gYY`UbX`Y]bY`\_i`]bUf]gWY`@UbXgW`UZh`X]Y`gck`c`\`hfUX]h]cbY`  
U`g`Ui`W`]b`bc`j`Uh]j`]gh`"J`cb`\`Yfn`UZhYb`; Yf]W`hYbž`X]Y`]b`XYf`9fXY  
[ Y[ Ufh`k`YfXYbž`V]g`\]b`ni`k`Y`hk`Y]h[ YZY]YfhYb`K`Y]bYb`X]Y

; YgWka ÅW\_Yf`BYi gYY`UbXg`YfnÅ\`Yb`; YgWk]WkhYb`j`cb  
; YgWk]WkhYž; Ya`Y]bgWkUZh`i`bX`XYf`J`YfV]bXi`b[ `ni`f`B`Uhi`f`"9]b  
\_i`]bUf]gWkYf`GhfY]Zhi`[ `Xi`fWk`XUg`@UbX`]gh`YVYbgc`Y]b`5VYbhYi`Yf`  
k`J`Y`X]Y`9f`\_i`bXi`b[ `gY]bYf`UhYa`VYfUi`VYbXYb`@UbXgWkUZhYb`"

9]b`nYbhfU`Yg`9`Ya`Ybh`XYf`bYi`gYY`ÅbX]gWkYb`?`ØWkY`]gh`X]Y  
hfUX]h]cbY`Y`A`Ýcf]!`?`cWka`Yh\cXY`<`Ýb[ `]ž`VY]`XYf`GdY]gYb`k`J`Y  
: `Y]gWkž; Ya`ØgY`i`bX`K`i`fnY`b`]b`Y]bYf; fi`VY`a`]h`\Y]»`Yb`GhY]bYb  
`Ub[`gUa`i`[`Y[`Ufh`k`YfXYb`"8]YgY`A`Yh\cXYž`X]Y`c`Zi`VY]`VYgcbXYfYb  
5b`ÅggYb`j`Yfk`YbXYh`k`]fXž`j`Yf`Y`\`h`XYa`i`9ggYb`Y]bYb  
Y]bn[`Ufh][`Ybž`YfX][`Yb`; YgWka`UW`\_i`bX`]gh`Y]b`9f`YVb]gž`XUg  
6Ygi`WkYf`]b`j`J`Y`Yb`A`Ýcf]!; Ya`Y]bgWkUZhYbž`]bgVYgcbXYfY`]b  
F`chcfi`Už`a`]hYf`YVYb`\_`ØbbYb`"BYVYb`<`Ýb[ `]g]bX`Ui`Wk  
A`YYfYgZf`ØWk`hY`Y]b`ZYghYf`6YghUbXhY]`XYf`?`ØWkY`"  
; fØbgWkU`a`i`gWkY`bž`c`Zi`[`YXØbghYh`c`XYf`[`Y[`f]`hž`i`bX`D`Yi`U  
f`bVU`c`bY`Ł`a`]h]\`fYf`ZUfVYbZf`c`\`Yb`GWkU`Y`g]bX`8Y`\_`UhYggYbž`X]Y  
X]Y`; f]gWkY`XYf`bYi`gYY`ÅbX]gWkYb`; Yk`ÅggYf`k`]XYfgd]Y[`Y`b`"  
9VYbgc`VY`]YVh]gh`XYf`\_`Ugg]gWkY`; ]gWk`a`]h`7`\]dgž`XYf`VYgcbXYfg  
Ub`XYb`Ghf`ÅbXYb`XYg`@UbXYg`Y]b`i`bj`Yfn]WkhVUfYf`GbUW`\_]gh`"

B`Yi`gYY`UbX`]gh`Ui`Wk`ZØf`gY]bY`\`Yfn`UZhYb`; `Y]gWk`[`Yf]Wk`hY  
VY`\_`Ubbhž`U`Yb`j`cf`Ub`XYf`@Ja`a`VfUhYbž`XYf`c`Zi`a`]h`F`cga`Uf]b`i`bX  
gU]gcbU`Ya`i; Ya`ØgY`gYfj`]Yfh`k`]fX`"8`Ug`@UbXž`XUg`k`Y`hk`Y]h`ZØf  
gY]bY`@Ja`a`ZY]gWkd`fcXi`\_`h]cb`VYfØ`a`h]ghž`a`UWk`h`X]YgYb`6fUhYb  
ni`Y]bYa`i`A`i`gg`ZØf`Y`XYb`6Ygi`WkYf`"; Øf`nk`]gWkYbXi`fWk`g]bX  
<`UW`ZY]gWkd`UghYhYb`fA`]b`W`D]YgŁ`Y]b`hmd]gWkYf`GbUW`ž`XYf`]b  
6`ÅW`YfY]Yb`i`bX`7`UZ`Åg`]b`i`bn`Å`\`][`Yb`J`Uf]UbhYbž`Ui`Wk  
j`Y[`YhUf]gWkž`Yf`\`Å`h]Wk`]gh`"9]b`k`Y]hYfYg`<`][`\`][`\h]gh`XUg`?`]k`]  
Gca`a`Yf!66E`ž`VY]`XYa`i; Ua`j`]Yb`i`bX`; fYi`bXY`ja`i; fY]Yb`[`f]`Yb`  
Y]b`F]hi`U`ž`XUg`X]Y`Ybhgd`UbbhY`@YVYbgUfh`XYf`BYi`gYY`ÅbXYf  
k`]XYfgd]Y[`Y`h`K`Yf`a`Y`\f`ØVYf`X]Y`J`J`Y`ZU`h`XYf`bYi`gYY`ÅbX]gWkYb  
?`ØWkY`YfZU`\fYb`a`ØWk`hYž`Z]bXYh`Ui`Z`7`\`Y`Zg`\_`UfhY`Y]bY`i`a`ZUggYbXY  
@]ghY`XYf`VY`]YVhYghYb`; Yf]Wk`hY`i`bX`Ni`hUhYb`"

B`YVYb`\`Yfn`UZhYb`GdY]gYb`\`Uh`BYi`gYY`UbX`Ui`Wk`Y]bY`J`cf`]YVY  
ZØf`GØ»`Yg`"DUj`c`j`Už`Y]b`6U]gYf!8YggYfh`a`]h`\_`bi`gdf][`Yf`5i`»`YbgY]hY  
i`bX`k`Y]WkYa`i`b`bYfYbž`c`Zi`a`]h`Zf]gWkYb`; fØWk`hYb`i`bX`GU`bY  
[`Ufb]Yfhž`]gh`Y]b`bUh]cbU`Yf`Ghc`n`i`Ui`Wk`k`Yb`b`X]Y`<`Yf`\_i`bZh`

nk ]gW\Yb`BYi gYY`UbX`i bX`5i ghfU`Yb`i a ghf]hhYb`]gh"9VYbgc  
VY`]YVh]gh<c\_Ym!Dc\_Ym!9]gWfYa Yž`Y]bY`J Ub]`YY]g]J Uf]UbhY`a ]h  
\_bi gdf][ Yb`<cb][ ghØW\_W\Ybž`X]Y`VYgcbXYfg`]a`Gca a Yf`YfZf]gW\h"  
: Øf`B UgW\`UhmYb`]gh`A`Ýbi`\_U!<cb][`Y]b`VYgcbXYfYg`Gci`j`Yb]f"  
8]YgYf`Y]bn][ Ufh][ Y`<cb][ ž`[ Yk`cbbYb`Ui`g`XYa`BY`\_hUf`XYg  
A`Ýbi`\_U!6Ui`a`gž`]gh`b]W\h`bi`f`\_Øgh]W\ž`gcbXYfb`Ui`W\`ZØf`gY]bY  
[ Ygi`bX`Y]h]W\Yb`J`cfhY`Y`VY`\_Ubbh":`fØW\hY`k`]Y`X]Y`[`c`XYbY  
?`k`]Zfi`W\h`cXYf`Y]`c`Už`X]Y`j`cb`A`Àfn`V]g`ž`b]`GU]gcb`U`hž`fi`bXYb  
XUg`gØ»`Y`5b[`YVch`UV"

8]Y`K`Y]b`\_i``hi`f`BYi`gYY`UbXg`]gh`]b`XYb`Y`hnhYb`š\`fnY`b`hYb`ni  
]bhYfbUh]cbU`Ya`Fi`\a`[`Y`Ub[`hž`cVkc`\`XYf`K`Y]bVUi`Y`Yf`Yfgh]a  
%-`"š\`f\i`bXYfhXi`fW`Yb[`]gW\Y`A`]gg]cbUfY`VY[`Ubb" `@Ub[`Y`NY]h  
k`Uf`bYi`gYY`ÀbX]gW\Yf`K`Y]b`Y]b`fY[`]cbU`Yg`DfcXi`\_h`a`]hYfYf  
E`i`U`]h`hž`XcW`Xi`fW`X]Y`DfcZYgg]cbU`]g]Yfi`b[`]XYf`K`]bnYf`i`bX`XYb  
]bhYfbUh]cbU`Yb`<UbXY`U`h`g]W\`XUg`@UbX`U`g`Yfbghni`bY`a`YbXYf  
5`\_hYi`f`YhUV`]Yfh"6YgcbXYfg`VY`\_Ubbh]gh`BYi`gYY`UbX`ZØf`gY]bYb  
GUi`j`[`bcb`6`UbW`XYf`]b`XYf`FY[`]cb`A`Uf`Vcfc`i`[`\`Ui`ZXYf  
GØX]bgY`Y]b`DYfZY`\_h]cb[`]YXY`\h"8]YgY`FY[`]cbž`X]Y`[`fØ»`hY  
K`Y]bFY[`]cb`XYg`@UbXYg`a`]h`ØVYf`"\$`\$\$\$`<Y`\_hUf`FYVZ`W\Yž  
dfcXi`n]Yfh`K`Y]bY`a`]h]bhYbg]j`Ybž`Zfi`W\h][`Yb`5fca`Ybž`X]Y  
k`Y`hk`Y]h[`]YgW\`Àhnh`k`YfXYb"5i`W\`D]bch`Bc]fž`j`cf`U`Ya`Ui`g  
7YbhfU`C`hU[`]cž`XYf`gØX`]W\ghYb`K`Y]bFY[`]cb`XYf`K`Y`hž`\U`h]g]W\  
Y]bYb`BUa`Yb[`]Ya`UW\h"

8]Y`K`Y]bFY[`]cbYb`BYi`gYY`UbXg`]bX`gc`j`]Y`Z`À`h][`k`]Y`X]Y  
@UbXgW\UZhYb`gY`Vgh"5i`ZXYf`B`cfX]bgY`Y]gh<Uk`\_Y`g`6Um`X]Y  
À`hYghY`K`Y]bFY[`]cbž`VY`\_Ubbh`ZØf`\`fY`ei`U`]hUh]j`\`cW\k`Yfh][`Yb`i`bX  
j`]Y`gY]h][`Yb`K`Y]bYž`k`À`fYbX`;`]gVcfbY`U`g`\Y]»`YghYg`5bVUi`[`YV]Yh  
X]Y`ZfØ`YghY`9fbhY`XYg`@UbXYg`Yfa`Ø[`]W\h"5i`ZXYf`GØX]bgY`  
V]YhYh`7UbhYfVi`fmY]b`Y]bn][`Ufh][`Yg`?`]a`U`Xi`fW`X]Y`B`A`Y`ni`XYb  
5`dYb`i`bX`XYa`C`nYUbž`k`Ug`XYb`K`Y]bYb`Y]bY`VYgcbXYfY`B`chY  
j`Yf`Y]\`h"J`]Y`Y`K`Y]b[`]ØhYf`]b`X]YgYb`FY[`]cbYb`ØZbYb`]fY`HØFYb  
ZØf`6Ygi`W\Yf`i`bX`V]YhYb`J`Yf`\_cghi`b[`]Yb`gck`]Y`:`Ø`fi`b[`]Yb`Ubž`X]Y  
Y]bYb`9]bV`]W\_]b`X]Y`a`cXYfbY`K`Y]b`\_i`hi`f`XYg`@UbXYg`[`YVYb":`Øf  
XYhU`]YfhY`š`Zcfa`Uh]cbYb`ØVYf`X]Y`K`Y]bFY[`]cbYb`i`bX`FYVgc`fhYb  
`c`\bh`g]W\`Y]b`6`]W\_]Ui`Z`K`Y]b`!K`]ggYb`ž`k`c`X]Y`9b`hk`]W\_]i`b[`]i`bX  
6YgcbXYf\Y]hYb`XYg`bYi`gYY`ÀbX]gW\Yb`K`Y]bVUi`g`Ui`gZØ`f`]W\

VYgW f]YVYb`k YfXYb"

8]Y`\_i`bUf]gWXY`GnYbY`BYi gYY`UbXg`k ]fX`Xi fW`Y]bY`k UWgYbXY  
7fUZh6]Yf!`?i`hi f`Yf[ `Abnhz`X]Y`VYgcbXYfg`]b`GhAXhYb`k ]Y  
K Y``]b[ hcb`i bX`5i W`UbX`Zcf]Yfh" `@c`\_U`Y`6fUi YfY]Yb  
YI dYf]a Ybh]YfYb`a ]hY]b\Y]a ]gWYb`Ni hUhYb`i bX`V]YhYb`Y]bY  
gdUbbYbXY`5`hYfbUh]j Y`ni`K Y]b": Øf`9fZf]gW i b[ `gcf[ h`@ Dž`Y]b  
U`\_c`c`ZfY]Yg; YhfAb`\_`a ]h`N]hfcYb[ YgW a UW`ž`XUg`gY]h`%- \$`+`]  
BYi gYY`UbX`Yf[ YghY`h`k ]fX`i bX`U`g`?i`h[ YhfAb`\_`[ ]h`CV`VY]  
Y]bYa`hfUX]h]cbY`Yb`<Yb[ ]ž`Y]bYa`i; `Ug`GUi`j ][ bcb`6`UbWcXYf  
Y]bYa`YbhgdUbbhYb`66E`i`X]Y`bYi gYY`AbX]gWY`?ØWY`i bX  
K Y]b`\_i`hi f`UXYb`XUni`Y]bž`XUg`@UbX`a ]h`U`Yb`G]bbYb`ni  
YbhXYW`Yb`i bX`X]Y; UghZfYi bXgW`UZh`XYf`?`k ]g`ni`[ Yb]Y»Yb"

F Y]gYd`Ubi b[ `i bX`dfU`\_h]gWXY`H]ddg



BYi gYY`UbXž`XUg`@UbX`XYf`Ub[ Yb`k Y]»Yb`K c`\_Yž]gh`Y]b  
F Y]gYn]Y`ž`XUg`a ]h`gcf[ Z`h][ Yf`D`Ubi b[ `ni`Y]bYa`i bj Yf[ Ygg`]WYb  
9f`YVb]g`k ]fX`"8]Y`J ]Y`ZU`h`XYf`@UbXgW`UZh`Ybž`?i`hi fYb`i bX  
5`\_h]j ]h`hYb`YfZcfXYfh`Y]bY`Xi fW`XUW`hY`J c`fVYfY]hi b[ ž`i a`XUg

6YghY`Ui g`≡fYa`5i ZYbh\U`h`YfUi gni` \c`Yb"J cb`XYf`K U\`XYf  
f]W h][ Yb`F Y]gYnY]h`ØVYf`X]Y`B Uj`][ Uh]cb`Xi fW`UV[ Y`Y[ YbY  
F Y[ ]cbYb`V]g`\]b`ni f`6YUW hi b[ `i`hi fY`Yf; YdZc[ Yb\Y]hYb`  
a`h`XYb`f]W h][ Yb`H]ddg`\_ØbbYb`G]Y`≡fY`F Y]gY`cdh]a`U`[ YghU`hYb`  
i bX`X]Y`GW`Øb\Y]h`X]YgYg`Y]bn][ Ufh][ Yb`@UbXYg`]b`j c`Yb`NØ[ Yb  
[ Yb]Y»Yb"

8]Y`VYghY`F Y]gYnY]h`ZØf`BYi`gYY`UbX`\`Åb[ hj`cb`≡fYb`≠hYfYggYb  
UVž`UVYf`XYf`f`Ø\!`i bX`Gd`Åhgca`a`Yf`fC`\_hcVYf`V]g`Bcj`Ya`VYf  
gck`jY`A`Åfn`V]g`5df]`L`V]YhYh]XYU`Y`6YX]b[ i b[ Yb`ZØf`C i hXccf!  
5\_h]j`h`ÅhYb"≠`X]YgYb`A`cbUhYb`g]bX`X]Y`HYa`dYfUhi`fYb  
Ub[ YbY`a`ž`X]Y`HU[ Y`Ub[ i bX`X]Y`Hci`f]ghYbghf`Øa`Y`[ Yf]b[ Yf`U`g  
]a`<c`W`gca`a`Yf`fB`YnYa`VYf`V]g`YVfi`UfL`K`Ybb`G]Y`G\_]ZU`fYb  
cXYf`K`]bhYf`UbXgW`UZhYb`Yf`YVYb`a`ØW`hYbž`]gh`X]Y`GØX]bgY`j`cb  
ž`b`V]g`5i`[ i`gh`dYfZY`\_hž`]bgVYgcbXYfY`]b`F Y[ ]cbYb`k`jY  
E i`YYbg`hck`b`cXYf`K`UbU`\_U"6YUW`hYb`G]Y`YXcW`ž`XUgg`XUg  
K`YhhYf`]b`BYi`gYY`UbX`gY`f`k`YW`gY`\`UZh`gY]b`\_Ubb`i`dUW`Yb`G]Y  
?`Y]Xi`b[ `ZØf`U`Y`ž\`fYgnY]hYb`Y]bž`Y[ U`k`Ubb`G]Y`fY]gYb"9]bY  
\`žFY]W`Y`VYfg]W`h`ni`F Y]gYnY]hYb`i bX`k`Y]hYfYb`dfU`h]gW`Yb  
H]ddg`Z]bXYb`G]Y`Ui`Z`&&d`UW`g`ž`k`c`XYhU]`YfhY`9a`dZY`\`i b[ Yb`ZØf  
BYi`gYY`UbX!F Y]gYbXY`ni`gUa`a`Yb[ YghY`h`g]bX"

8]Y`5bfY]gY`bUW`BYi`gYY`UbX`YfZc`fXYfh`Yhk`Ug;`YXi`Xž`XU`X]Y  
: `i`[ XUi`Yf`j`cb`9i`fcdU`Ui`g`a`]bXYghYbg`&`Ghi`bXYb`VYhfÅ[ hž  
a`Y]gh`a`]h`Y]bYa`Nk`]gW`Ybghc`dd`]b`5g]Yb`cXYf`5i`ghfU`]Yb"8]Y  
<Ui`dhZi`[ \`ÅZYb`g]bX`5i`W`\_UbX`Ui`ZXYf`B`cfX]bgY`i`bX  
7`f]ghW`i`fW`\_Ui`ZXYf`GØX]bgY`ž`k`cVY]`5i`W`\_UbX`X]Y`a`Y]ghYb  
]bhYfbUh]cbU`Yb`J`YfV]bXi`b[ Yb`i`bX`c`Zi[ Øbgh][ YfY`:`Ø[ Y`V]YhYh"  
8]Y`?`cghYb`ZØf`Y]bYb`<]b!`i bX`F`ØW`Zi`[ `VY[ ]bbYb`VY]`Yhk`U`%"\*`\$\$  
9i`fcž`Y`bUW`GU]gcb`i bX`6i`W`i`b[ gnY]hdi`b`\_h`:`Øf`X]Y`9]bfY]gY  
VYb`Øh][ Yb`XYi`hgW`Y`GhUUhgV`Øf[ Yf`Y]b`B`NYH5`fBYk`NYU`UbX  
9`Y`W`f`cb]WHfUj`Y`5i`h`c`f]hm`ž`XUg`cb`]bY`VYUbhfU[ h`k`YfXYb`\_Ubb`ž  
nk`Y]ž\`fY`[ Øh][ `]gh`i bX`Y]bYb`5i`ZYbh\U`h`j`cb`V]g`ni`gYW`g  
A`cbUhYb`Yf`Ui`Vh"9]bY`5i`g`UbXg`\_fUb`\_Ybj`Yfg]W`Yfi`b[ `]gh  
i`bYf`Ågg`]W`ž`XU`XYi`hgW`Y`?`fUb`\_Ybj`Yfg]W`Yfi`b[ Yb`\]Yf`b]W`h  
[ fY]ZYb`i`Y]b`Di`b`\_hž`XYb`G]Y`j`cf`XYf`5VfY]gY`i bVYX]b[ h`\_`ÅfYb  
gc`hYb"

8]Y': cfhVYk Y[ i b[ ]bbYf\U`V`B Yi gYY`UbXg`]gh`Y]b`5VYbhYi Yf`ZØf  
g]W`"9]b`A`]Yhk U[ Yb`]gh`X]Y`VYghY`K U\`ž`i`a`X]Y`UV[ Y`Y[ YbYb  
FY[ ]cbYb`i`bX`UhYa`VYfUi`VYbXYb`GhfU» Ybž`VYgcbXYfg`Ui`ZXYf  
GØX]bgY`ž`ni`Yf`\_i`bXYb`"6YUW`hYb`G]Y`YXcW`ž`XUgg`]b`B Yi gYY`UbX  
@]b`\_g] Yf`\_Y`f`\`YffgW`hi`bX`X]Y` ; YgW`k`]bX][`\_Y]hgVY[ fYbni`b[ Yb  
VY]`%\$\$\_a`#`Ui`Z5i`hcVU`bYb`i`bX`)`\$\_a`#`]bbYfcfhg`Y]Y[ Yb`"9]b  
]bhYfbUh]cbU`Yf` : Ø`fYfgW`Y]b`cXYf`Y]bY`VY[ `Ui`V][`hY` , VYfgYhni`b[  
=fYg`XYi`hgW`Yb` : Ø`fYfgW`Y]bg`]gh`YfZc`fXYf`]W`"8]Y`8]ghUbnYb  
g]bX`c`Zi[ fØ» Yfž`U`g`g]Y`Ui`Z?`UfhYb`YfgW`Y]bYb` `d`UbYb`G]Y  
ni`g`À`h`]W`Y`NY]h`Y]bž`Yhk`U`)`\$`i` `a`Y`f`U`g`j`cb  
BUj`][`Uh]cbggmghYa`Yb`k`]Y` ; cc[ `Y`A`Udg`Ub[ Y[ YVYb`"HUb`\_ghY`Yb  
i`bX`9]b`\_Ui`Zga`Ø[ `]W`\_Y]hYb`\_Øb`bYb`]b`À`bX`]W`Yb` ; YV]YhYb`V]g`ni  
)`\$\_a` `YbhZYfb`h`gY]bž`XU`Yf`]gh`Y]bY`[ i`hY`J`c`ff`U`hg`d`Ubi`b[  
YggYbn]Y`""

8]Y`K`U\`nk`]gW`Yb`B`c`f`X`!`i`bX`GØX]bgY`"\`À`b[`h`j`cb`=fYb`J`c`f`]YVYb  
UV`"8]Y`B`c`f`X]bgY``]gh`k`À`fa`Yfž`VY`Y`fVYf[`h[`fØ»`YfY`Gh`À`X`h`k`]Y  
5i`W`\_`UbX`i`bX`K`Y`"]b[`h`cb`i`bX`V]YhYh`\_ØfnYfY`8]ghUbnYb`nk`]gW`Yb  
GY`Y`b`g`k`Ø`f`X][`\_Y]hYb`g`c`k`]Y`Y]bYb`h]YZfYb`9]b`V`]W`\_]b`X]Y`A`Ý`c`f]!  
?`i`hi`f`"8]Y`GØX]bgY`"\`]b[ Y[ Yb`VYgh]W`h`Xi`fW`UV[ YgW`]YXYbY  
BUhi`fž`\`Ø`YfY`6Yf[ Y`i`bX`a`U`Yf]gW`Y`GhfU» Ybž`X]Y`g]W`d`YfZY`\_h`ZØf  
F`c`U`X`h`f]d`g`Y][`bYbž`g`c`k`]Y`G`\_][`YV]YhY`]a`K`]bhYf` : Ø`f`Y]bY  
Ui`g[ Yk`c[ YbY`F`Y]gY`Ya`d`Z]Y`h`Y`g`g]W`ž`VY]XY`=gY`b`ni  
\_ca`V]b]YfYb` `d`UbYb`G]Y`a`]bXYghYbg`nk`Y]V]g`XfY]`K`c`W`Yb`Y]bž  
i`a`X]Y`<][`\`][`\hg`c`b`Y`<Y`h]\_`ni`Yf`YVYb`"8]Y` : À`f`j`YfV]bXi`b[  
nk`]gW`Yb`K`Y`"]b[`h`cb`i`bX`D]W`h`c`b`Y`fa`Ø[ `]W`h`Y]bY`Y]bZUW`Y  
,`VYfZU`f`h`nk`]gW`Yb`XYb`=gY`b`i`bX`V]YhYh`gdY`\_hU`\_i`À`fY`5i`gV`]W`Y  
Ui`ZXYb`A`Uf`V`c`f`c`i`[`\`G`c`i`bX`"

9]b`k`]W`h][`Yf`5gdY`\_h`ZØf`Y]bYb`[ Y`i`b[ YbYb`5i`ZYbh`U`h`]gh`XYf  
FYgdY`\_h`j`c`f`XYf`B`Uhi`f`i`bX`XYf`?`i`hi`f`B`Yi`gYY`UbXg`"8]Y  
B`Yi`gYY`À`b`XYf`Y`Y[ Yb`[`fc»`Yb`K`Y`f`h`Ui`Zi`a`k`Y`hgW`i`h`ni`Y`bhgc`f[ Yb  
G]Y`A`Ø`ghYhg`c`f`X`bi`b[ g[ Ya`À»`i`bX`\`U`h`Yb`G]Y`g]W`Ub`X]Y`F`Y[ Y`b  
]b`B`U`h]cb`U`d`Uf`\_g`"9VYb`g`c`k`]W`h][`]gh`XYf`F`YgdY`\_h`[ Y[ Yb`Ø`V`Y`f`XYf  
A`Ý`c`f]!`?`i`hi`fž`X]Y`h]YZ]b`XYf`=Ybh]h`À`h`XYg`@`Ub`XYg`j`Yfk`i`fn`Y`h`]gh`  
9hk`U`%)`i`XYf`6Yj`Ø`\_Yfi`b[`\`UVYb`A`Ý`c`f]!`K`i`fn`Y`bž`i`bX`\`Y]][`Y  
Gh`À`h`Yb`c`XYf`A`Uf`UY`f]Y`f`g`Ua`a`i`b[ g`À`i`gYf`Ł`g`c`h`Yb`bi`f`a`]h  
9f`Ui`Vb]g`i`bX`i`bhYf`9]b`U`hi`b[ `XYf`c`\_U`Yb` ; YdZc[ Yb`Y]hYb

VYhfYhYb`k YfXYb"9]b`Y]bZUWYg` ?]U`CfU`fkU`cŁ`U`g`6Y[ fØ»i b[ nY][ h`K YfhgW`Àhni b[ `i bX`ÒZbYh`cZi`HØfYb`ni`Ui h\Ybh]gW`Yb 6Y[ Y[ bi b[ Yb"

: ]bUbn]Y``[ YgY\Yb`]gh`BYi`gYY`UbX`\_Y]b`[ Øbgh][ Yg`FY]gYn]Y`ž`UVYf a`j]h`XYf`f]W`h][ Yb`D`Ubi`b[ ``Àggh`g]W`X`Yf`5i`ZYbh\U`h`[ i`h`[ YghU`hYb" 8]Y`K`À\fi`b[ `]gh`XYf`BYi`gYY`ÀbX]gW`Y`8c``Uf`fB`N8Ł`ž`i`bX ?UfhYbnU`\`i`b[ Yb`g]bX`k`Y]h`j`YfVfY]hYhž`gY`Vgh]b`\_Y]bYfYb ; YgW`ÀZnYb"9]bY`8YV]h\_UfhYž`k`jY`X]Y`8?6!FY]gY!8YV]h\_UfhYž`\_Ubb \Y`ZYbž; YVØ\fYb`VY]`5V\YVi`b[ Yb`i`bX`NU`\`i`b[ Yb`ni`j`Yfa`Y]XYb" I`bhYf`\_ØbZnY`fY]W`Yb`j`cb`[ Øbgh][ Yb`7Ua`d]b[ d`ÀhnYb`ØVYf`<cghY`g V]g`\]b`ni`i`i`f]ØgYb`@cX[ Yg`i`Vi`W`Yb`G]Y`ZfØ\nY]h][ ž`VYgcbXYfg ]b`XYf`<cW`gU]gcb": Øf`A`U`\nY]hYb`V]YhYb`Gi`dYfa`Àf`hY`Y]bY \_cghYb[ Øbgh][ Y`5`hYfbUh]j`Y`ni`FYghUi`fUbhgž`i`bX GY`Vghj`Yfgcf[ i`b[ `]gh`Ui`Z`7Ua`d]b[ d`ÀhnYb`cXYf`]b : Yf]Ybk`c\bi`b[ Yb`cZi`dfcV`Ya`cg`a`Ò[ `]W`"

GW`Y]Y»`]W`gc``hYb`G]Y`ÀfY`FY]gY`ZYI`jVY`d`UbYbž`i`a`gdcbhUbY 9bhXYW`i`b[ Yb`ni`Yfa`Ò[ `]W`Yb"BYi`gYY`UbX`]gh`Y]b`@UbXž]b`XYa cZi`X]Y`i`bYfk`UfhYhYb`A`ca`YbhY`i`Y]b`j`YfghYW`hYf`K`UggYfZU`ž`Y]bY 6Y[ Y[ bi b[ `a`j]h`9]b\Y]a`j]gW`Yb`cXYf`Y]b`UhYa`VYfUi`VYbXYf GcbbYbi`bhYf[ Ub[ `X]Y`V`Y]VYbXghYb`9f]bbYfi`b[ Yb`gW`UZZYb" `A`]h Y]bYf`[ i`hYb`A`]gW`i`b[ `Ui`g`J`cFVYfY]hi`b[ `i`bX`C`ZYb\Y]h`k`YfXYb G]Y`ÀfYb`5i`ZYbh\U`h`cdh]a`U`[ YghU`hYb`i`bX`X]Y`A`U[ ]Y`X]YgYg ZYfbYb`@UbXYg]b`U``]fYb`i`UW`hYb`Yf`YVYb"

B UW` \ U`h][ Yf`Hci`f]ga`i`g`]b`BYi`gYY`UbX



BYi gYY`UbXž'a ]h'gY]bYb`UhYa VYfUi VYbXYb`@UbXgW UZhYb`i bX  
 fY]WYb`\_i`hi fY`Yb`HfUX]h]cbYbž]gh`Y]b`HfUi a n]Y`ZØf`j ]Y`Y  
 FY]gYbXY"8cW`a ]h`XYf`ghY][ YbXYb`6Y`YVh\Y]h`XYg`@UbXYg`U`g  
 FY]gYn]Y` `&\$%, `\_Ua Yb` ž `A ]`cbYb`Hci f]ghYb`VY]`Y]bYf  
 6Yj Ö`\_Yfi b[ `j cb`bi f` (ž `A ]`cbYb` `k ÅW gh`Ui W`X]Y  
 J YfUbk cfhi b[ ž`X]YgYg`DUfUX]Yg`ni `gW ØhnYb"  
 J YfUbk cfhi b[ gj c`Yg`FY]gYb`VYXYi hYhž`X]Y`BUhi fž`X]Y`?i`hi f`i bX  
 X]Y` ; Ya Y]bgW UZhYb`ni `fYgdY\_h]YfYbž`k Å\fybX`a Ub`X]Y  
 GW`Öb\Y]h`XYg`@UbXYg`[ Yb]Y»h`8i fW`VYk i gghY`9bhgWY]Xi b[ Yb  
 \_ÖbbYb`6Ygi WYf`XUni `VY]hfU[ Ybž`BYi gYY`UbXg`Y]bn][ Ufh][ Y  
 l a k Y`hi bX`@VYbYgk Y]gY`ZØf`ni \_ØbZh][ Y` ; YbYfUh]cbYb`ni  
 VYk U\fyb"

9]b`nYbhfU`Yf`5gdY\_h`XYg`bUW\U`h][ Yb`Hci f]ga i g`]b`BYi gYY`UbX  
 ]gh`X]Y` H]U\_]`Dfca ]gY ž`Y]bY`J YfdZ]W`hi b[ ž`X]Y`FY]gYbXY`XUni  
 Ui Zc`fXYfhž`X]Y`BUhi f`i bX`?i`hi f`XYg`@UbXYg`ni `UW`hYb" H]U\_]`  
 VYXYi hYh]b`XYf`A`Ýcf]!GdfUW`Y` g]W`\_Øa`a`Yfb`ž`i bX`X]YgY  
 ð]h]Uh]j`Y`Yfa`i`h][ h`6Ygi WYfž`j`YfUbk cfhi b[ gVYk i ggh`ni `UbXY`b  
 `gY]`Yg`Xi fW`XUg`J`Yfa`Y]XYb`j`cb`A`Ø`ž`XUg`F`YgdY\_h]YfYb`\Y]`][ Yf  
 Gh`hYb`cXYf`XUg`9]b`U`hYb`j`cb`FY[ Y`b`]b`BUh]cbU`dUf`\_g"8]Y  
 BYi gYY`AbXYf`Y[ Yb`[ fc»Yb`K`YfhiUi ZXYb`GW`i`hn`]\fyf`l a k Y`hž  
 i bX`U`g` ; Ugh]gh`Yg`k ]W`h][ ž`X]YgYb`F`YgdY\_h`ni `hY]`Yb"9]b`ZUW`Y  
 A U»bU`a`Yb`k ]Y`XUg`A ]hbY`a`Yb`j`cb`5VZ`Ybž`XUg`6`Y]VYb`Ui`Z

a Uf\_]YfhYb`K Y[ Yb`i bX`XUg`J Yfa Y]XYb`j cb`9]bk Y[ d`Ugh]\_  
\_ÒbbYb`Y]bYb`[ fc»Yb`l bhYfgW]YX`a UWYb"

8]Y`Hci f]ga i g]bXi ghf]Y`]b`BYi gYY`UbX`Uh`YVYbZU`g`Yf\_Ubbhž  
XUgg`bUW`U`h][ Yg`K UW`ghi a`YbhgW]Y]XYbX`]ghž`i a`X]Y`bY[ Uh] Yb  
5i gk ]f\_i b[ Yb`XYg`A UggYbhci f]ga i g`ni`j Yfa Y]XYb`"8]Y`Hci f]ga  
`bXi ghfm`5chYUfcU`fH`5Ł`Uh`X]Y` BYi gYY`AbX]gW]Y`J YfdZ]W]hi b[  
ni`bUW`U`h][ Ya`Hci f]ga i g`fHG7Ł`]bg`@YVYb`[ Yfi ZYbž`a`h`XYa  
N]Y`ž`XUgg`V]g`&\$&)`U`Y`Hci f]ga i gi bhYfbY`a`Yb`bUW`U`h][ Y  
DfU\_h]\_Yb`j YfZc`[ Yb`"8]YgY``b]h]Uh] Y`Zc\_i gg]Yfhg]W`Ui Zj ]Yf  
6YfY]W]Y``K ]fhgW]UZhž`6Ygi W]Yfž; Ugh[ Ya Y]bXY`i bX`l a k Y`h`  
i bX`i a ZUggh`UW`h`N]Y`Y`gck ]Y`%(`J YfdZ]W]hi b[ Yb`"6]g`Bcj Ya VYf  
&\$%-`UhYb`g]W]Y`VYfY]hg`%"` \$\$`l`bhYfbY`a`Yb`Ub[ Ya Y`XYhž`i a  
HY]`X]YgYg`Dfc[ fUa a g`ni`gY]b`": Øf`F Y]gYbXY`VYXYi hYh`X]Ygž`XUgg  
g]Y`l`bhYfbY`a`Yb`i bhYfghØmYb`\_ÒbbYbž`X]Y`g]W]`ZØf  
BUW`U`h][ \_Y]h`Y]bgYhmYbž`gY]`Yg`Xi fW`i a k Y`hžFYi bX`]W]Y  
l`bhYf\_Øbžh`cXYf`Hci fYb`"K Y]hYfY``bZcfa Uh]cbYb`ni`X]YgYf  
`b]h]Uh]j Y`Z]bXYb`G]Y`Ui Z; cYh`Y`"XYž`k c`X]Y`6Ya Ø`li b[ Yb`i a  
bUW`U`h][ Yb`Hci f]ga i g`]b`BYi gYY`UbX`XYhU]`Y]Yfh`VYgW]f]YVYb  
k YfXYb"

9]b`k Y]hYfYf`K Y[ žj YfUbhk cfhi b[ gj c`ni`fY]gYbž`]gh`X]Y`K U`X`Yf  
F Y]gYnY]h`"Cj Yfhci f]ga`]gh`VYgcbXYfg`]b`XYf`<cW`gU]gcb`j`cb  
8YnYa VYf`V]g`: YVfi Uf`Y]b`DfcV`Ya`ž`k Ybb`X]Y`6Ygi W]YfnU`Yb  
]`fYb`<Ø`Ydi b`h`YffY]W]Yb`"9]bY`F Y]gY`]b`XYf`BYVYbgU]gcbž  
VY]gd]Y`gk Y]gY`ja`5df]ž`\_Ubb`b]W]h`bi`f`YbhgdUbbhYf`gY]bž  
gcbXYfb`Ui W]`XYb`8fi W`Ui ZVY`]YVhY`C`fhY`k ]Y`A`]ZcfX`Gci bX  
cXYf`E i YYbghck b`j Yff]b[ Yfb`"Ni XYa`V]YhYh`X]Y`BYVYbgU]gcb`cžh  
a`]XYfYg`K YhhYf`i bX`[ Øbgh][ YfY`DfY]gYž`k Ug`gck c`X`XYb  
F Y]gYbXYb`U`g`Ui W]`XYb`c`\_U`Yb`; Ya Y]bgW]UZhYb`ni`[ i hY`\_ca`a`h`  
D`UbYb`G]Y``fY`F`ci hY`gcž`XUgg`G]Y`k Yb][ Yf`žFYei Ybh]YfhY  
F Y[ ]cbYb`Y]bVYn]Y`Ybž`i a`X]Y`6Y`Ughi b[ `ZØf`ghUf`\_VYgi W]hY  
<chgdchg`ni`a`]b]a`]YfYb"

F Y]gYbXY`\_ÒbbYb`Ui W]`U`h]j`ni`a`BUhi fgW]i hm`VY]hfU[ Ybž`]bXYa  
g]Y`Ub`Dfc`Y`hYb`k ]Y`5i Zcfcghi b[ gdfc[ fUa a Yb`hY]`bY`a`Yb`"`a  
HY`l`fYk YfU`BUh]cbU`dUf`\_ [ ]Vh`Yg`VY]gd]Y`gk Y]gY``b]h]Uh]j Ybž`VY]  
XYbYb`6Ygi W]Yf`Y]b`Y]a`]gW]Y`6`Ai a`Y`dZUbnyb`\_ÒbbYbž`i a`X]Y

K ]YXYf\YfghY`i b[ `XYf`K Å`XYf`ni `i bhYfghØhnYb"i bhYf\_ØbZhY`k ]Y  
X]Y`@UbWk ccX`J ]`Už`Y]bY`Ò\_c`c[ ]gWXY` : Ufa ž`X]Y`ØVYf`) "\$\$\$  
Y]b\Y]a ]gWXY`6Åi a Y` [ YdZUbnh\`Uhž`V]YhYb` ; ÅghYb`X]Y  
A Ò[ `]W\`\_Y]hž`g]W\`Ub`5\_h]j ]hÅhYb`k ]Y`XYf`C`j] YbYfbhY`ni  
VYhY]`][ Yb"9VYbgc`gYhnh`X]Y`@U`Yghc`bY`@cX[ Y`Ua` `@U`Y`Di`\_U`\_]  
Ui Z`bUW\`U`h][ Y`DfU`\_h]\_Yb`a` ]h`D\`c`h`c`j`c`hU]\_Ub`U[ Yb`i`bX  
FY[ Ybk UggYfUi ZVYfY]hi b[ ž`k Å`fYbX`g]Y`Y]bYb`UhYa VYfUi VYbXYb  
6`]W`\_Ui ZXYb`A`ci`bh`7cc`\_`V]YhYh" `Gc`WXY`i`bhYf\_ØbZhY`g]bX`b]W\`h  
bi`fi`a`k`Y`hž`fYi`bX`]W\`ž`gcbXYfb`Yfa`Ò[ `]W\`Yb`Ui`W\`Y]b  
Ui`h\Ybh]gWXYg`9f`YVb]g`ZYfbUV`XYg`A`UggYbhci`f]ga`i`g"

9]b`k`Y]hYfYf`k`]W\`h][ Yf`5gdY`\_h]gh`X]Y`7C`&!`?`ca`dYbgUh]cbž  
]bgVYgcbXYfY`VY]`@Ub[ ghfYW`YbZØ[ Yb`bUW\`BYi`gYY`UbX`"  
Cf[ Ub]gUh]cbYb`k`]Y`Uha`cgZU]f`cXYf`a`mW]a`UhY`V]YhYb`Dfc[ fUa`a`Y  
Ubž`a`]h`XYbYb`FY]gYbXY`XYb`7C`&!5i`gghc`»`]\`fYf`:`Ø[ Y  
Ui`g[ `Y]W\`Yb`\_ØbbYbž`]bXYa`g]Y`]b`?`]a`UgW\`i`hndfc`Y`\_hY  
]bj`Ygh]YfYb`"5i`W\`X]Y`K`U\`Y]bYg`FY]gYUbV]YhYfgž`XYf  
BUW\`U`h][ \_Y]h`df]cf]g]Yfhž`k`]Y`Yhk`U`HfUj`Y`9ggYbWž`\_Ubb`Y]bYb  
i`bhYfgW\]YX`a`UW\`Yb" `Gc`WXY`5bV]YhYf`i`bhYfghØhnYb`c`Zh`c`\_U`Y  
Dfc`Y`\_hY`i`bX`[ YghU`hYb`FY]gYb`]bX]j`]Xi`Y`ž`i`a`XYb`Ò\_c`c[ ]gWXYb  
: `i`»`UVXfi`W`\_ni`a`]b]a`]YfYb`" :`Øf`k`Y]hYfY`ϕgd]fUh]cbYb`i`bX  
dfU`\_h]gWXY`H]ddgž`k`]Y`G]Y`≠fY`FY]gY`[ fØbYf`[ YghU`hYb`\_ØbbYbž  
`c`\bh]g]W\`Y]b`6`]W`\_Ui`Z`F`Y`V`Y`W`W`U`g`K`Y`h`ž`k`c`bUW\`U`h][ Y  
FY]gY]XYYb`ZØf`BYi`gYY`UbX`Ui`gZØ`f`]W\`j`cf[ YghY`h`k`YfXYb`"

J YfUbhk`cfhi`b[ gj`c`Y`g`FY]gYb`]b`BYi`gYY`UbX`VYXYi`hYh`Ui`W\`ž`X]Y  
`c`\_U`Y`?`i`hi`fi`bX`K`]fhgW\UZhni`i`bhYfghØhnYb" `?`Ui`ZYb`G]Y  
Gci`j`Yb]fg`VY]`Y]b\Y]a`]gWXYb`?`i`bgh\`UbXk`Yf`\_Yfbž`YggYb`G]Y`]b  
ZUa`]Y]Yb[ YZØ`f`hYb`FYghUi`fUbhg`i`bX`bY`a`Yb`G]Y`Ub`\_i`hi`fY`Yb  
9f`YVb]ggYb`hY]ž`X]Y`j`cb`A`Ý`cf]!`;`Ya`Y]bgW\UZhYb`Ub[ YVchYb  
k`YfXYb`"5W\`hYb`G]Y`XUfUi`Zž`\_Y]bY`\Y]`][ Yb`GhÅhYb`c`\bY`9f`Ui`Vb]g  
ni`VYhfYhYbž`i`bX`]bZcfa`]YfYb`G]Y`g]W\`ja`]J`cfUi`g`ØVYf`c`\_U`Y  
;`YdZc[ Yb\Y]hYb" `ϕXYa`G]Y`VYk`i`ggh`fY]gYbž`hfU[ Yb`G]Y`XUni`VY]ž  
XUgg`XYf`Hci`f]ga`i`g`]b`BYi`gYY`UbX`b]W\`hibi`f`XYb`6Ygi`W\`Yfbž  
gcbXYfb`Ui`W\`XYb`9]b\Y]a`]gWXYb`i`bX`XYf`i`a`k`Y`hini`[`i`hY`\_ca`a`h`  
Gc`k`]fX`≠fY`FY]gY`b]W\`hibi`f`ni`Y]bYa`i`bj`Yf[ Ygg`]W\`Yb`9f`YVb]gž  
gcbXYfb`Ui`W\`ni`Y]bYa`d`cg]h]j`Yb`6Y]hfU[ `ZØf`XUg`@UbX`XYf  
`Ub[ Yb`k`Y]»`Yb`K`c`\_Y`"

## E i Y`Yb

- \ hhd g. ##\ Y d`Ub Y hgk c f`X"Wc a #) & , ! hcd!%' ! b Uhi fU`!  
k c bXYfg!hc!gYY!]b!bYk !nYU`Ub X
- \ hhd g. ##b Yi gYY`Ub Xfi bXfY]gYb"Wc a #b Yi gYY`Ub X!  
`Ub XgW UZh#
- \ hhd g. ##k k k "i bYgWc"XY#h\Ya Yb#\_i`hi f#\_i`hi fY`Y!  
j ]Y`ZU`h#
- \ hhd g. ##XY"k ]\_]dYX]U"cf[ #k ]\_]#? i`hi fY`YSJ ]Y`ZU`h
- \ hhd g. ##Yb"k ]\_h]cbUfm"cf[ #k ]\_]#5VYbhYi Yf
- \ hhd g. ##c i gi WU"Wc a #c i hXccf!U\_h]j ]hUYhYb!]XYb#
- \ hhd g. ##k k k "W Y Zg\_UfhY"XY#b Yi gYY`Ub X]gW Y!  
\_i W Y#
- \ hhd g. ##k k k "k Y]b!  
k ]ggYb"bYh#fY[ ]cbYb#b Yi gYY`Ub X#
- \ hhd g. ##a Ud g"UXUWXY#
- \ hhd g. ##k k k "&&d`UWg"XY#b Yi gYY`Ub X!fY]gYh]ddg#
- \ hhd g. ##k k k "[ cYh\Y"XY#]bg#n#XY#\_i`#\_i U#ghf#&%+ &( ' ) ) "\ ha`
- \ hhd g. ##fYVYWWUgk Y`h"XY#ghUfhgY]hY#b Yi gYY`Ub X!b UW  
\ \ U`h][ !k ]Y!] \ f!Yi fY!fY]gY![ fi YbYf![ YghU`hYb!  
\_cYbbh#

8YhU]`g

6Ygi W Y b`G]Y`i bg`Ui Z.`Y]bY!fY]gY"XY