

## 8 ]Y '@ÄbXYfž'X]Y ]W\ 'Ua 'k Yb][ ghYb 'gY\ Yb a ÒW\ hY

5`gcž'k Ug' ]gh'XYf'D`Ub`bUW\ '5Zf]\_U3 'ZfU[ Y ]W\ 'DYhYf''9f  
ni W\_h`Ägg][ 'a ]h'XYb'GW\i 'hYfb'' K ]f'k YfXYb`bUW\ '5Zf]\_U  
gY\Yb" 'ÄW\ 'fi bn`Y`X]Y`Gh]fb" 'K ]Y`ja a Yf`VfUi W\Y` ]W\`Y]bYb  
Gd]Y`d`Ub" 'ÄW\ 'k Y]» ž'XUgg'k ]f`ja 'Gca a Yf`bUW\ '5Zf]\_U`fY]gYb  
k c`Ybž'UVYf'k Ug`\_ca a h'XUbUW\ 3`@UggYb`k ]f`i bg`]b`@cbXcb  
b]YXYf'i bX`fY]gYb`nk ]gW\YbXi fW\ 3`6`Y]VYb`k ]f`Ui Z`XYf  
GhfU» Y3`N]Y\Yb`k ]f`bUW\`Gf]`@Ub\_Už`j cb`XYa`k ]f  
[ Y`Y[ Ybh]W\`i bX`a Ø» ][ 'hfÄi a Yb3`K Ybb`]W\`k Ä\`Yb`\_ÒbbhYž  
k ØfXY` ]W\`a ]W\`Ub`Y]bYa`fi \][ Yb`C`fh`k ]Y`i bgYfYa  
[ Y`]YVhYb`\_`Y]bYb`ZfUbnÒg]gW\Yb`8`cfZ`b]YXYf`UggYb" `8 Ug  
DfcV`Ya` ]ghž'XUgg']W\`bcW\`gc`j ]Y`a Y\`f`gY\Yb`a ÒW\ hY"  
/ Ua d^Y`d/

5`gcž'k Ug' ]gh'XYf'D`Ub`bUW\ '5Zf]\_U3 'ZfU[ Y ]W\ 'DYhYf''9f`ni W\_h  
`Ägg][ 'a ]h'XYb'GW\i 'hYfb'' K ]f'k YfXYb`bUW\ '5Zf]\_U`gY\Yb" 'ÄW\  
fi bn`Y`X]Y`Gh]fb"

K ]Y`ja a Yf`VfUi W\Y` ]W\`Y]bYb`Gd]Y`d`Ub" 'ÄW\ 'k Y]» ž'XUgg'k ]f`ja  
Gca a Yf`bUW\ '5Zf]\_U`fY]gYb`k c`Ybž'UVYf'k Ug`\_ca a h'XUbUW\ 3  
@UggYb`k ]f`i bg`]b`@cbXcb`b]YXYf'i bX`fY]gYb`nk ]gW\YbXi fW\ 3  
6`Y]VYb`k ]f`Ui Z`XYf`GhfU» Y3`N]Y\Yb`k ]f`bUW\`Gf]`@Ub\_Už`j cb`XYa  
k ]f`[ Y`Y[ Ybh]W\`i bX`a Ø» ][ 'hfÄi a Yb3`

K Ybb`]W\`k Ä\`Yb`\_ÒbbhYž`k ØfXY` ]W\`a ]W\`Ub`Y]bYa`fi \][ Yb`C`fh`  
k ]Y`i bgYfYa` [ Y`]YVhYb`\_`Y]bYb`ZfUbnÒg]gW\Yb`8`cfZ`b]YXYf`UggYb"  
8 Ug`DfcV`Ya` ]ghž'XUgg']W\`bcW\`gc`j ]Y`a Y\`f`gY\Yb`a ÒW\ hY"

Æ`i bgYfYa` 'K c`bn]a a Yf`\UVYb`k ]f`X]YgY`? UfhY`i bX`ghUffYb`g]Y  
cZi`Ubž`hfÄi a Yb`i bX`d`UbYb`j cb`XYb`C`fhYbž`X]Y`k ]f`gY\Yb`k c`Yb.

8 Yfk YnY`j]b`Hi f\_a Yb]ghUbžXYf`< [a U`UmU`j]b`BYdU`ž`X]Y`K ØghYb  
XYg`fUb"

`U`h1 2 5h`Ug`/`6cchg`8]Y`?UfhY`XYf`HfAi a Y

8 Ug`\Uh`i bg`ni`Ymh`ni`Y]bYf`]bhYfYggUbhYb`8]g\_i gg]cb`[ YZØ\fh  
K Y`WXY`@AbXYf`k c`Yb`G]Y`Ua`k Yb][ ghYb`gY\Yb3

A Y]bY`Zc`[ YbXY`@]ghY`]gh`b]W\h`i bVYX]b[ h`fUh]cbU`cXYf`[ Uf  
j YfhYhVUf`/9g]gh`Ui g`bgh]b`\_h`i bX`Y]bYf`Df]gY`f bcfUb  
[ YgW\ f]YVYb`i bX`]W\`V]b`g]W\Yf`]W\`cZZYb`XUZØfž`a Y]bY`A Y]bi b[  
ni`AbXYfb`"≠W`k ØfXY`[ YfbY`k ]ggYbž`k Ug`Ui Z`XY]bYf`@]ghY`ghY\hž  
U`gc`hY]Y`Yg`V]hY`]b`XYb`?ca a YbhUfYb`i bhYb"

## 6 U\ fY]b

`U`h1 2 7fYUh]j Y`7ca a cbg

≠W`k Uf`]b`8i VU]i bX`j Yfa i hYž`XUgg`6U\ fU]b`XYa`A\b`]W\`]ghž  
UVYf`a ]h`k Yb][ Yf`,`VYfnYi [ i b[ .Y]bY`Ui g`²` `[ Ya Y]» Y`hY  
K c`\ghUbXg\_i Zž`Y]bY`fY]n`cgY`<Ui dhghUXh`Ui g`6Yhcb`i bX`GhUi 8  
i bX`Y]b`j`Ö`][ Yf`A Ub[ Y`Ub`U`hYfbUh]j Yf`?i`hi`f"

≠W`k Y]» ž`k ]Y`i b[ `Ui V`]W\`k YfhYbX`XUg`\_]b[ hž`U`gc`ØVYf`UggY`]W\  
Yg`])YVYf`XYa`i`fYa`XYbj Yf`\_Y\fgUa hž`]fY`?i`hi`f`i bX`]f`9fVY`ni  
VYgW\ fY]VYb.`I bgYf`@UbX`\Uh]g]W\`gY]h`XYb`%-, \$Yf`X\ fYb`ni a  
ZØ\ fYbXYb`i]bUbnnYbhfi a`XYf`F Y[ ]cb`Yb`hk ]W`Y`h`GY]hXYa`g]bX  
Ui W\`i`Yfh][ i b[ ž`@c[ ]gh]ž`?ca a i b]\_Uh]cbž`d`fcZYgg]cbY`Y  
8]Ybgh`Y]ghi b[ Yb`i bX`a a cV`]Yb`ni`k ]W\`h][ Yb`GY`\_hc`fYb  
[ Yk`cfXYb`i`8Ug`@UbX`j YfZØ[ h`Ui W\`ØVYf`Y]bYb`YhUV`]YfhYb  
F YW\hg`fU\ a Yb`i bX`Y]b`Ub[ YgY\YbYg`F Y[ i`]Yfi b[ ggmg`hYa`"

## ? UgUW\ ghUb

`U`h1 2 HfUi a nY]h

8 Ug`i`fYa`XYbj Yf`\_Y\fgUa`hj`cb`?UgUW\ghUb`\UhY`bUW\`XYf  
J YfØZYbh]W\i b[ ]cb`6cfUhž`XYa`i]a`j`cb`GUW\U`6Ufcb`7c\Ybž

XYf'X]Y'FY [ ]cb' [ bUXYb`cg j YfgdchYhYž'Y]bY`\_Y]bY'?'f]gY''&\$)\$  
`Y\bhY`XUg'5i »Yba ]b]ghYf]i a`XYb': ]`a`UV'i bX`Xfc\hYž'6Ufcb  
7c\Yb'ni`j`Yf`\_U[ Yb''`a`\_`Xf`&\$%&'f`Ai a hY`XYf'5i »Yba ]b]ghYf  
`YXcW`Y]bž`XUgg`XYf': ]`a`ghUf`\_ni`f`GhY][ Yfi b[ `XYg`Hci f]ga`i`g]b  
? UgUW`ghUb`VY][ YhfU[ Yb`\UVY"

@Y]XYf`\Uh`Yg`b]W`h`[ Ybi [ ` [ YhUbž`i a`a` ]W` ]b`J`Yfgi`W`i b[ `ni  
Z0`fYb``Hfchn`Y]b][ Yf`XfUa` Uh]gW`Yf`@UbXgW`UZhYb`i`bX`XYg  
5bgdfi`W`gž`U`g`[ f0»hYf'6]bbYbghUUh`XYf`K`Y`h`VYf0`a`h`ni`k`YfXYbž  
k`]fX`?'UgUW`ghUb`j`cb`gY]bYb`k`Y]hUi`g`]bhYfYggUbhYfYb`B`UW`VUfb  
Ub`g]W`[ Yf]ggYb"

W`\_Ubb`b]W`h`U`Y]b`gY]b`ž`k`Ybb`j]W`XUg`XYb`\_Y``G`W`Y]Y»`]W`]gh  
`Ui`h`7fck`Xgci`fW]b[ !8UhYb`Ui`Z`Hf]d5Xj`]gcf`X]Y`<Ui`d`hUhfU`\_h]cb`]b  
? UgUW`ghUb`Y]bY`9]gVU`b"

## ? i k U]h

`U`h1` 2`HfUi`a`nY]h

? i k U]h`Y]XYh`Z0f`a` ]W`i`bhYf`XYa`[ `Y]W`Yb`a`U[ YdfcV`Ya`k`]Y  
6U`fU]b``Hfchn`Y]b][ Yf`k`]f`\_]W`]bhYfYggUbhYf'; YgW`]W`hY`Z0`\`h`Yg  
g]W`\_`Yi`hY`k`]Y`Y]b`0`fY]W`Yg`@UbX`j`c``Yf`9I`dUhg`Ubž`X]Y`]b  
ni`gUa`a`Yb[ YgYhnhYb`<`Ai`gYfb``YVYb"

9g`\Uh`Y]b][ Y`gW`0bY`K`0ghYb`UbXgW`UZhYbž`UVYf`XYf`bU`Y  
[ Y`Y[ YbY`f`Ub`]gh`k`Y]hUi`g`j`Yf`cW`\_YbXYf"

6YnY]W`bYbXYfk`Y]gY`]gh`Ui`h`7fck`Xgci`fW]b[ !8UhYb`Ui`Z  
Hf]d5Xj`]gcf`X]Y`5h`hfU`\_h]cb`Bi`a`a`Yf`Y]bg`]b`? i k U]h`Y]b`[ fc»Yg  
9]b`\_Ui`ZgnYbhfi`a`"

## GUi X]!5fUV]Yb

`U`h1` 2`;`Ya`Y]bZfY]

W`k`Y]»`ž`XUgg`Yg`8i`hnYbXY`j`cb`@AbXYfb`a`]h`0W`\_Yb`UZhYb  
A`YbgW`Yb`fYW`hgV]`Ub`nYb`[ ]Vhž`UVYf`XU`]W`]b`Y]b`Yf`a`i`g`]a`]gW`Yb

: Ua ]Y`Ui Z[ Yk UWgYb`V]bž`Z]bXY`jW`GUi X]`Ua`gW`]a`a`ghYb"

8 Ug`@UbX`VY\YfVYf[ h`X]Y`UhYa`VYfUi`VYbXY`GhUXh`A`Y`\_\_U`i`bX`  
dfYX][ h`Y]bY`F`Y`][ ]cb`XYg: f]YXYbg`i`bX`i`bhYfXfØW`h`XYbbcW`  
j]Y`Y`gY]bYf`Y][ YbYb`6Yj`Ø`\_Yfi`b[ ž]bgVYgcbXYfY`: fUi`Yb"

## A c`XUk ]Yb

`U`h1` 2`HfUi`a`nY]h

6Y]`gc`j`jY`i`b[ `Ui`V`]W`Yf`;`YgW`jW`hY`i`bX`5fW`j]hY`\_hi`f`]b`9i`fcdU`  
]gh`XYf`K`YhhVYk`YfV`i`a`X`Yb`Hci`f]ga`i`g`\Ufh"@Y]XYf`ghY`h`  
A`c`X`U`k`]`Y`b`[`U`b`n`i`b`h`Y`b`U`i`Z`a`Y`]b`Y`f`Y`i`f`c`d`Ä`]g`W`Y`b`K`i`b`g`W`X`]`g`h`Y`  
i`b`X`j`Y`f`]Y`f`h`\_`b`U`d`d`[`Y`[`Y`b`@]h`U`i`Y`b`i`b`X`@]Y`W`h`Y`b`g`h`Y`]b"

<`U`i`d`hg`Ä`W`X`]W`X`]Y[`h`Y`g`X`U`f`U`b`ž`X`U`gg`]W`X`U`V`g`c`i`h`b`]W`X`h`g`Ø`V`Y`f`  
A`c`X`U`k`]`Y`b`k`Y`»`ž`U`i`»`Y`f`X`U`gg`g`Y`]b`Y`<`U`i`d`hg`h`U`X`h`7`\`]`]b`Bi`i`]g`h`f`l`b`X`  
X`U`g`k`Y`»`]W`X`b`i`f`ž`k`Y`]`]W`X`Y`g`Z`Ø`f`Y`]b`Di`V`!`E`i`]n`[`Y`Y`f`b`h`\`U`V`Y`ž`X`U`g`  
]W`X`i`b`V`Y`X`]b[`h`[`Y`k`]b`b`Y`b`k`c`h`Y`i`Y`]X`Y`f`k`i`f`X`Y`b`k`]f`N`k`Y`h`Y`f`E"

9g`[`]V`h`Y`b][`Y`]b`h`Y`f`Y`gg`U`b`h`Y`5fW`j]hY`\_hi`f`]b`b`Y`f`\`U`V`g`Y`]b`Y`f`;`f`Y`b`n`Y`b`ž`  
U`V`Y`f`X`U`g`[`]`h`Z`Ø`f`X`Y`b`F`Y`g`h`j`c`b`9i`f`c`d`U`":`Ø`f`a`]W`X`g`W`X`Y`]b`h`Y`g`Y`]b`  
G`h`Ø`W`\_`@`U`b`X`ni`g`Y`]b`ž`X`U`g`nk`]g`W`Y`b`X`Y`b`]b`h`Y`f`Y`gg`U`b`h`Y`f`Y`b`C`d`h`]c`b`Y`b`  
X`Y`f`i`\_`f`U`]b`Y`i`b`X`F`i`a`Ä`b`]Y`b`g`[`Y`Z`U`b`[`Y`b`]`g`h"

J`jY`Y`]W`X`h`d`U`b`Y`]W`X`b`U`W`X`5`Z`f`\_`U`Y`]b`Y`F`Y`]g`Y`X`i`f`W`X`]Y`g`Y`Z`Ø`b`Z`  
@`Ä`b`X`Y`f`ž`i`a`ni`g`Y`Y`b`ž`c`V`g`]Y`a`Y`]b`Y`A`Y`]b`i`b[`Ä`b`X`Y`f`b"9g`k`Ä`f`Y`  
]b`h`Y`f`Y`gg`U`b`h`ni`g`Y`Y`b`ž`k`]Y`g`]Y`g`]W`X`[`Y`[`Y`b`a`Y`]b`Y`9`f`k`U`f`h`i`b[`Y`b`  
g`h`U`d`Y`b"

⇒W`X`a`i`gg`U`V`Y`f`k`U`\`f`g`W`X`Y`]b`]W`X`g`h`f`Y`]W`X`Y`b`ž`k`U`g`]W`X`Ø`V`Y`f`G`U`i`X`]  
[`Y`g`U`[`h`\`U`V`Y`"⇒W`X`k`]`b`]W`X`h`j`Y`f`\`U`Z`h`Y`h`k`Y`f`X`Y`b"

@Y]hV]X:8fYUa gh]a Y

8YhU]`g

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