

J YfVYggYfhY`A cV]`Zi b\_j Yfgcf[ i b[ `]b  
B cfXk Ygha YW\_`YbVi f[ .`K Ug`Bi hnYf  
k ]ggYb`gc``hYb

9fZU\fyb`G]Yžk ]Y`X]Y`HY`Y\_ca `X]Y`A cV]`Zi b\_j Yfgcf[ i b[ `]a  
@UbX\_fY]g`B cfXk Ygha YW\_`YbVi f[ `j YfVYggYfh"8i fW`XYb  
5i gVUi `j cb`@H9`]b`<Ua VYf[ Y`ghY][ h`X]Y`5VXYW\_i b[ `i bX  
6UbXVfY]hYž`i a `XYb`ghY][ YbXYb`5bZcfXYfi b[ Yb`[ YfYW`hni  
k YfXYb"6]g`&\$&\*`g]bX`k Y]hYfY`GhUbXcfhY`i bX  
9fk Y]hYfi b[ Yb`[ Yd`Ubh" `bZcfa ]YfYb`G]Y`g]W`Yhnh`ØVYf`X]Y  
bYi Y`A cV]`Zi b\_]bZfUghfi \_hi f`



; fc» Y` : cfhgW`f]hhY`ZØf`B cfXk Ygha YW\_`YbVi f[ `8Yf  
A cV]`Zi b\_]b`XYf`FY[ ]cb`Yf`YVh`Y]bYb`\_f`ÄZh][ Yb`GW`i Vž[ Ubn  
[ `Y]W`cV`Ui ZX`Ya `@UbX`cXYf`]b`XYf`GhUXh"8]Y`8Yi hgW`Y`HY`Y\_ca  
\Uh]b`XYb`Yh`hYb`nk Y]`A cbUhYb`Y]bYb`bYi Yb`GhUbXcfh`a ]h  
V`]hngW`bY`Ya `@H9`]b`<Ua VYf[ Y`]bg`BYhm`[ YVfUW`h"K Ug  
VYXYi hYh`XUg`ZØf`X]Y`6Yk c`bYf3`A Y`f`FY]W`k Y]hYž`gW`bY`YfYg

⊕hYfbYhi bX`Ui W`j]b`XYb` ; YVĀi XYb`]gh`XYf`9a dZUb[ `Yhnh  
XYi h`]W`VYggYf`?Y]b` : i b`\_cW`a Y`f`Ybh`Ub[ `XYf`k ]W`h][ Yb  
6U\bghfYW\_Y`]b`A YW`YbVi f[ !J cfdca a Yfb`

8Yf`6YXUfZ`Ub`6UbXVfY]hY`gdfYb[ h`U`Y` ; fYbnYb` `k ]f`gdfYW`Yb  
\]Yf`j`cb`Y]bYa `K UW`ghi a `j`cb`" \$`DfcnYbh`d`fc`⊕\f` `Gc`Āi »Yfh  
g]W` ; Ycf[ `j`cb`K`U[ bYfž`XYf`i` bhYfbY`a YbggdYfW`Yf`XYf  
8Yi hgW`Yb`HY`Y`\_ca ži bX`Y`[ h`X`Ua ]h`X]Y`8f]b[ `]W`\_Y]h`Z0f`X]YgYb  
5i gVUi `cZZYb`"9g`]gh`\0W`ghY`NY]hž`X]Y`HYW`b]\_`Ui Z`XYb`bYi YghYb  
GhUbX`ni `Vf]b[ Ybž`XYbb`XUg`a`cV]Y`@YVYb`k ]fX`]a`a`Yf  
Ubgdfi W`gj`c`Yf`

## 8 ]Y` : U`\_hYb`]a` , VYfV`]W`

⊕g[ YgUa h`VYhfY]Vh`X]Y`HY`Y`\_ca `Yhnh`- \*`A`cV]`Zi`b`\_ghUbXcfhY`]a  
@UbX`\_fY]g`B`cfXk`Ygha`YW`\_YbVi`f[ ` `i`bX`XUg`a`]h`Y]bYf  
VYY]bXfi`W`\_YbXYb`<`Ui`g`U`hgUVXYW`\_i`b[ `j`cb`b`U`Y`ni``%\$`\$`DfcnYbh`  
8cW`X`Ua`]h`b]W`h[`Ybi`[`.6]g`&\$`\*`gc`Yb`k`Y]hYfY`" ` `bYi`Y  
GhUbXcfhY`XUg`B`Y`hn`j`YfghĀf`\_Yb`"i`bX`Yg`V`Y]Vh`b]W`h`VY]`@H9`"5b  
)`+` : i`b`\_a`UghYb`ghY`Yb`Ui`W`\_9fk`Y]hYfi`b[`Yb`Ui`Z`X]Y  
ni`\_i`b`Zh`gk`Y]gYbXY`);`!HYW`bc`c[`]Y`Ui`Z`XYf`5[`Yb`XU`

5i`Z`X]Y`Ni`gUa`a`YbUfVY]h`a`]h`XYb`?ca`a`i`bYb`i`bX  
;`fi`bXgh0W`\_gY][`Ybh0a`Yfb`Ub[`Yk`]YgYbž`d`Ubh`X]Y`HY`Y`\_ca  
k`Y]hYf`\]b`9i`dUb]g]cbYb`"K`Yf`Y]bY` : `ĀW`Y`Z0f`Y]bYb  
A`cV]`Zi`b`\_ghUbXcfh`UbV]YhYb`a`0W`hYž`\_Ubb`g]W`X]fY`\_h`Ub`X]Y  
8Yi`hgW`Y` : i`b`\_hi`fa`k`YbXYb` `XYf`DUf`hbYf`XYf`HY`Y`\_ca`ž`XYf`X]Y  
A`cV]`Zi`b`\_ghUbXcfhY`VYhfY]Vh`

## 8 Yf`K`Y[ `]b`X]Y`X][`]hU`Y`Ni`\_i`bZh`

A`]h`0VYf`" `\*`"\$`\$`\$`Zi`b`\_h]cbgZĀ\][`Yb`A`cV]`Zi`b`\_ghUbXcfhYb`i`bX  
Ā`\f`]W`fi`bX`%)`\$`\$`bYi`Yb`GhUbXcfhYb`\Uh`X]Y`8Yi`hgW`Y`HY`Y`\_ca  
XUg`N]Y`ž`X]Y`X][`]hU`Y`⊕ZfUghfi`\_hi`f`]b`8Yi`hgW`\_UbX`Yb`hgW`Y]XYbX  
j`cfUbni`Vf]b[`Yb`":`0f`X]Y`60f[`Yf`j`cb`B`cfXk`Ygha`YW`\_YbVi`f[ `]gh  
XUg`b]W`h`bi`f`Y]b`GW`f]hž`gcbXYfb`Y]b`[`fc`»Yf`Gdfi`b[ `]b`X]Y  
X][`]hU`Y`Ni`\_i`bZh`

K c`Yb'G]Y'k ]ggYbž'k ]Y'Yg'i a 'X]Y'A cV]Zi b\_j Yfgcf[ i b[ 'Ub' ÆfYa  
K c\bcfhVYghY`h']gh3'<]Yf'[ Y\hg'ni f' ðZc.'  
k k k "hY`Y\_ca "XY#bYhnUi gVUi "'<c`Yb'G]Y'g]W`X]Y'bYi ghYb  
ðZcg'X]fY\_hj cb'XYf'E i Y`Y°

8YhU]`g

6Ygi W`X]Yb'G]Y'i bg'Ui Z.'a Y]b!VYf`]b"bYh