

GY[ Y`hci f`YbXYh`hfU[ ]gWΛ .`8Yi hgWΛ Yf`hc h  
]a `A YYf`[ YZi bXYbž`DUfhbYf  
ZYgh[ Ybca a Yb

9]b`+%!`À\`f][ Yf`8Yi hgWΛ Yf`k i fXY`j cf`; ÒhYVcf[ `hch  
Ui Z[ YZi bXYb"GY]b`GY[ Y`dUfhbYf`ghY\`hi bhYf`A cfXj YfXUWΛ h  
i bX`j]b`i bhYfgi WΛ i b[ g\UZh"

≠`Y]bYf`U`hi Y`Yb`HfU[ ÒX]Y`Ui ZGY`k ]fZi`XYf`HcX`Y]bYg  
XYi hgWΛ Yb`GY[ Y`hci f]ghYb`: fU[ Yb`Ui Z`X]Y`ØVYf`XYb`9]bnY`ZU`  
\]bUi g[ Y\Yb`i bX`X]Y`[ YgY`gWΛ UZh]WΛ Yb`K YfhY`VYnØ[ `]WΛ  
G]WΛ Yf\Y]hi bX`J YfhfUi Yb`Ui Z`XYa`K UggYf`]b`XYb`: c`\_i g`fØW`Yb`"  
8Yf`J cfZU`YfY][ bYhY`g]WΛ`j cf`XYf`gWΛ k YX]gWΛ Yb`K Ygh\_ØghYž`U`g  
XYf`+%!`À\`f][ Y`Ua`j Yf[ Ub[ YbYb`8 cbbYfghU[ `]a`K UggYf  
Ui Z[ YZi bXYb`i bX`gd`ÀhYf`U`g`hch`Yf`\_`Àfh`k i fXY"

< ]bhYf[ fØbXY`XYg`J cfZU`g

8]Y`VY]XYb`A`ÀbbYfž`X]Y`g]WΛ`Ui Z`XYa`<Y]a`k Y[ `j cb`Y]bYf  
F Y[ UhhU`]b`Bcfk Y[ Yb`VYZUbXYbž`gY[ Y`hYb`]b`Y]bYa`Hf]a`UfUbž  
Y]bYa`gdYn]Y`Yb`GY[ Y`Vcchž`XUg`VY`Ubbh`ZØf`gY]bY`GhUV`]h`Àh`]gh"  
8Yf`NY]hdi b`\_h`XYg`i bZU`g`]gh`VYgcbXYfg`hfU[ ]gWΛ ž`XU`Yf`k`À`fYbX  
Y]bYf`: fY]nY]hU`\_h]j ]h`Àh`[ YgWΛ U\ž`X]Y`ZØf`j ]Y`Y`A YbgWΛ Yb  
9bhgdUbbi b[ `i bX`; Ya`Y]bgWΛ UZh`VYXYi hYh`8]Y`6Yf]WΛ hY`ØVYf`XYb  
J cfZU`nY][ Ybž`XUgg`DUggU[ ]YfY`Y]bYg`j cfVY]ZU`fYbXYb`6cchYg  
XYb`+%!`À\`f][ Yb`hfY]VYb`gU\Yb`i bX`gcZcfh`FYhhi b[ g`f`ÀZhY  
U`Ufa`]YfhYb`"Hfch`XYf`6Ya`Ø`i b[ Yb`XYf`FYhhi b[ ghYUa`g`\_cbbhY  
gY]b`@VYb`b]WΛ h[ YfYhhYh`k YfXYb"

J YfXUWΛ h`Ui Z`A cfX`i bX`X]Y`5i gk ]f`\_i b[ Yb  
Ui Z`X]Y`GY[ `Yf[ Ya`Y]bgWΛ UZh

GY]b`GY[ Y`dUfhbYfz`Y]b`\* (!`A`f)[ Yf`A Ubb`Ui g`6Yf`]b`ž`k ]fX`XYfnY]h  
j cb`XYb`6Y\`ÖfXYb`j YfX`A`W`h][ hž`XYb`8Yi hg`W`Yb`Yfa`cfXYh`ini  
\UVYb`"8]YgY`9b`hk ]W`\_`i b[ `ghY`h`b]W`h`bi`f`Y]bY`HfU[ `ÖX]Y`ZÖf`X]Y  
VYhfc`ZYbYb` : Ua` ]Yb`XUfž`gcbXYfb`Ui W`\_`Y]bYb`G`W`c`W`\_`ZÖf`X]Y  
GY[ `Yf[ Ya` Y]bg`W`U`Zh`"8]Y`5ha`cgd`\`ÄfY`XYg`J`Yfhf`Ui`Ybg`i`bhYf  
GY[ `Yfbž`X]Y`c`Zi`Ui`Z` : fYi`bXg`W`U`Zh`i`bX`Ni`gUa`a`YbUfVY]h`VYfi` \`hž  
VY`\_`ca`a`h`Xi`f`W`\_`gc`W`Y`J`cfZ`Ä`Y`Y]bYb`Xi`b`\_`Yb`6Y][ Yg`W`a`U`W`\_`"

## 9fa ]hh`i`b[ Yb`i`bX`fY`W`h`]W`Y`G`W`f]hhY

8]Y`Yfa` ]hhY`bXY`G`hU`Uhg`U`bk`Ä`h]b`A`Uf]U`H`c`fY`V`Y`gh`Ä`h][ hYž`X`Ugg  
hY`W`b]g`W`Y`i`bhYf`gi`W`i`b[ Yb`i]b` ; Ub[ ` ]YgY`h`h`k`i`fXYb`i`bX`Ui`Z`XYb  
5i`hcdg]Y`V`Y`f]W`h`[ Yk`Uf`h`Y`h`k`]fX`"8]YgY` : U`\_`hYb`U[ Y`\_`Ä`ggh`X`Uf`Ui`Z`  
g`W`\_`Y]»Ybž`X`Ugg`X]Y`9fa` ]hh`i`b[ Yb`\_`ca`d`Yi`i`bX`j` ]Y`g`W`\_`W`h][ `g]bX`"  
8Yg`K`Y]hYfYb`k`i`fXY`V`Y`\_`Ubb`hž`X`Ugg`X`Yf`H`U`j`YfX`A`W`h][ Y`Ui`Z`fi`bX  
XYf` : i`W`h[ Y`ZU`\`f`]b`i`bhYf`gi`W`i`b[ g`\`U`Zh`i`Ybca`a`Yb`k`i`fXY`"8]Y  
g`W`k`YX]g`W`Yb`i`bX`XYi`hg`W`Yb`6Y\`ÖfXYb`UfVY]hYb`i]b`X]YgYa` : U`  
Yb[ `ini`gUa`a`Ybž`i`a`XYb`[ Yb`Ui`Yb`<Yf[ Ub[ `Ui`Zni`\_`ÄfYb`"

## ; YgY`g`W`U`Zh`]W`Y`=a`d`]\_`Uh]cbYb

8Yf`J`cfZU`"k`]fZi`Ui`W`k`]W`h][ Y`8]g`\_`i`gg]cbYb`ØVYf`X]Y`G]W`Yf`Y]h  
Ui`Z`XYa`K`UggYf`Ui`Z`GY[ Y`b`k`]fX`c`Zi`U`g`Y]bY`Zf]YX`]W`Y`i`bX  
Yb`hgd`Ubb`Yb`XY`G`dc`fh`Uf`h`k`U`\`f[ Ybca`a`Ybž`X`c`W`\_`gc`W`Y`9fY][ b]ggY  
nY][ Ybž`X`Ugg`Ui`W`i]b` : fY]nY]hU`\_`h]j`]h`Ä`hYb`Yfb`gh`\`U`Zh`Y` ; Y`ZU`\`fYb  
`Ui`Yfb`\_`ÖbbYb`"8]Y`B`chk`YbX][ \_Y]h`j`cb`G]W`Yf`Y]hga`U`»`b`U`a`Yb  
i`bX`X`Ug`6Yk`i`gghgY]b`ZÖf`d`chYbn]Y`Y`F`]g]\_`Yb`\_`Öbb`hYb`Xi`f`W`  
X]YgYb`hfU[ ]g`W`Yb`J`cfZU`"b`XYb`J`cfXYf[ fi`bX`[ Yf`Ø`W`\_`h`k`YfXYb`"

9g`V`Y]Vh`UVni`k`Uf`hYbž`k`Y`W`Y`k`Y]hYfYb`9f`\_`Yb`b`hb]ggY`X]Y  
`Ui`Z`Yb`XYb`9fa` ]hh`i`b[ Yb`Vf]b[ Yb`k`YfXYb`"8]Y` ; Yg`W`Y`\`b]ggY`i`a  
XYb`Hc`X`XYg`GY[ Y`h`ci`f]ghYb`\_`Öbb`hYb`k`Y]hfY]W`Yb`XY` : c`[ Yb`ZÖf  
X]Y`GY[ Y`[ Ya` Y]bg`W`U`Zh`\`UVYb`i`bX`X]Y`8]g`\_`i`gg]cb`ØVYf`G]W`Yf`Y]h  
i`bX`j`Yf`Ub`hk`cf`hi`b[ gVYk`i`gghYg`J`Yf`\`U`hYb`Ui`Z`XYa`K`UggYf`bYi  
Yb`hZU`W`Yb`"

6Ygi W\Yb`G]Y`i bg`Ui Z.`X]Y!bUW\ f]W\ hYb"bYh