

Dc`nY]`ghc d d h`F ØdY`Ui Z`5i gZi [ ggW ]ZZ.  
F i \YghØfi b[ `Ua `GhUfbVYf[ Yf`GYY`

5a ` - "\$+ "&\$&) `ghØfhY`Y]bY`Ui h`ZY]YfbXY` ; fi ddY`Ui ZY]bYa  
5i gZi [ ggW ]ZZ]b`DcggYb\cZYbž`k Ug`Y]bYb`Dc`nY]Y]bgUhn`ni f  
: c`[ Y`UhhY`"



DcggYb\cZYbž`8Yi hgW`UbX`!`5a `j Yf[ Ub[ YbYb`GUa ghU[ UVYbX  
k i fXY`X]Y`Dc`nY]`ni `Y]bYa `5i gZi [ ggW ]ZZ`Ub`XYf`5b`Y[ YghY`Y`]b  
DcggYb\cZYb`[ Yfi ZYbž`Ui Z[ fi bX`XYg`i b[ YVØ`f`]WYb`J`Yf\U`hYbg  
Y]bYf`[ fØ»YfYb`DYfgcbYb[ fi ddY`"8]YgY`gcf[ hY`ZØf`Ui Z[ YfY[ hY  
Gh]a a i b[ `Ui ZXYa `VY`]YVhYb`GhUfbVYf[ Yf`GYY`i bX`ghØfhY`UbXYfY  
: U\`f[ ÄghY`Xi fW`Ui hY`A i g]\_`gck ]Y`X]Y`A ]ggUW`hi b[ `XYg  
F Ui W`j YfV`chg`"@Ui h`XYf`GØXXY`i hgW`Yb`NY]`hi b [ `k Uf`X]Yg`XYf  
5b`Ugg`ZØf`nU`fY]W`Y`6YgW`k YfXYb`"5i Zc`fXYfi b[ Yb`XYg  
6c`fXdYfgcbU`g`i bX`XYg`?Ud]h`Àbgž`g]W`Ub`X]Y`<Ui g!`i bX  
GW`]Zg`fY[ Y`b`ni `U`hYbž`k i fXYb`j`cb`XYf` ; fi ddY`][ bc`f]Yfh`  
GhUhhXYggYb`nY][ hYb`X]Y`GhØfYb`Zf]YXY`k`Yb][ `9]bg]W`hi bX  
k`Y][ YfhYb`g]W`U`f`h`ÀW`][ ž`XUg`GW`]ZZ`ni `j`Yf`UggYb`"

8]Y`G]hi Uh]cb`Yg\_U`YfhYž`gcXUgg`X]Y`Dc`nY]`Y]b[ fY]ZYb`a i gghY"  
 I a`X]Y`@U[ Y`ni`VYfi`\\][ Ybž`nc[ Yb`X]Y`6YUa hYb`UbV]YhYf`X]YgYb  
 JcfZU``j cb`DcggYb`cZYb`V]g`ni`f`9bX`U`hYghY``Y`]b`GhUfbVYf["`8cfh  
 jYf`Y»Yb`X]Y`i`bfi`m`A`]hfY]gYbXYb`gW`]Y»`]W`ž`ghYhg`VY[ `Y]hYh`j`cb  
 XYb`Dc`nY]`\_f`Z`hYb" `9]b`[ `ØW`\_]W`Yg`9bXY`ZØf`X]Y`UbXYfYb  
 : U`f[ `AghYž`X]Y`Ui`ZY]bY`fi`\\][ Y`F`ØW`ZU`fh[ Y`c`Z`h`\\`UhhYb" `⊕  
 GhUfbVYf[ `k`i`fXYb`XUbb`X]Y`bchk`YbX][ Yb`5bnY][ Yb`[ Y[ Yb`X]Y  
 GhØfYbZf]YXY`YfghUhhYhž`VYf]W`hYhY`XYf`A`Yf`\_i`f"

## 2 ZZYbh`]W`Y`C`fXbi`b[ `Ui`Z`XYa`K`UggYf

Gc`W`Y`J`cfZ`A``Y`k`YfZYb`Y]b`@]W`h`Ui`Z`X]Y`: fu[ Y`XYf`ØZYbh`]W`Yb  
 C`fXbi`b[ `i`bX`XYf`9]b`U`hi`b[ `j`cb`FY[ Y`b" `8]Y`Dc`nY]`\\`Uh`Ui`h`XYb  
 6Ygh]a`a`i`b[ Yb`]a`Dc`nY]fYW`h`XUg`F`YW`hž`ni`f`5V`k`Y`f`j`cb  
 ; YZU`fYb`ZØf`X]Y`ØZYbh`]W`Y`C`fXbi`b[ `Y]bni`gW`fY]hYb" `8]Y  
 i`b[ YgW`f]YVYbYb`FY[ Y`bž`X]Y`ZØf`Y]b`\\`Ufa`cb]gW`Yg`A`]hY]bUbXYf  
 i`bYf`Ågg`]W`]g]bXž`XØfZ`hYb`]b`XYf`; fi`ddY`b]W`h`VYgc`bXYfg`\\`cW`]a  
 ?i`fg[ YghUbXYb`\\`UVYb" `K`]Y]a` `→`fUWUXYa`m`VYgW`f]YVYbž`g]bX  
 gc`W`Y`J`Yf`U`hYbgk`Y]gYb`b]W`h`bi`f`Y]b`J`Yfghc»`[ Y[ Yb`X]Y  
 <Ui`gc`fXbi`b[ ž`gc`bXYfb`g]Y`[ YZ`\\`fXYb`Ui`W`X`Ug`Zf]YX`]W`Y  
 Ni`gUa`a`Yb`YVYb"

⊕`Y]bYf`NY]hž`]b`XYf`X]Y`[ YgY``gW`UZh`]W`Yb`B`cfa`Yb`c`Z`ha`U`g  
 [ Y`c`W`\_`Yfh`k`YfXYb`i`bX`X]Y`FYU`\_h]cbYb`Ui`Z`i`b[ YV`Ø`f`]W`Yg  
 JYf`U`hYb`ni`k`Y]Yb`Ui`k`Ufa`Ui`gZU``Ybž`nY][ Yb`gc`W`Y`9]bg`ÅhnYž  
 XUgg`X]Y`Dc`nY]`Ui`W`]b`XYf`: fY]nY]h[ YghU`hi`b[ `ZØf`F`YW`h`gcf[ Yb  
 a`i`gg" `9]nYgg]j`Yg`: Y]Yfb`i`bX`f`ØW`\_g]W`hg`cgYg`<`UbXY`b`Ui`Z  
 ØZYbh`]W`Yb`J`Yf`\_Y`fga`]hhY`bž`gY]`Yg`ni`K`UggYf`c`XYf`ni`@`UbXYž  
 \_`ØbbYb`gW`bY``ni`?`cbZ`\_`hYb`ZØ`fYbž`X]Y`XUg`5``[ Ya`Y]bk`c`\\  
 [ YZ`\\`fXYb" `8]Y`;`YgW`Y`\\`b]ggY`Ua`GhUfbVYf[ Yf`GY`g]bX`Y]b  
 6Y]gd]Y`XUZØfž`XUgg`X]Y`9]b`U`hi`b[ `j`cb`FY[ Y`b`ZØf`Y]b  
 \\`Ufa`cb]gW`Yg`A`]hY]bUbXYf`i`bj`Yfn]W`hV`Uf`]gh"

8YhU]`g	
C`fh	DcggYb`cZYbž`8Yi`hgW`UbX
E`i`Y``Yb	• k`k`k`"gi`YXXYi`hgW`Y"XY

8YhU]`g

- k k k "a Yf\_i f"XY
- k k k "ŕ fUWXYa m"XY

6Ygi W\Yb`G]Y`i bg`Ui Z.`bU[!VUmYfb"XY