

# 6Äi a Y`]b` ; YZU\ f. `DUb\_c k Yf`DfchYgh [ Y[ Yb`[ Yd`UbhY`F cXi b[ `YbhVfUbbh°

9bhgWXYXi b[ `]a` GhfY]hi a` 6Yf`]bYf` :`ØW`h`]b[ g\Y]a` bU\h  
5bk c\`bYf`i bX`BUhi fgW\ØhnYf`k UfbYb`j cf`bÄW`h`]WXYf  
F cXi b[ "

? Uj U`]YfghfU» Yž`6Yf`]bž`8Yi hgW`UbX`!`:`X`Yf`6Yf`]bYf  
BUW`VUfgW`UZh`YbhnØbXYh`g]W`Y]b`XfUa`Uh]gW`Yf`?`cbZ`\_h`'8`]Y  
[ Yd`UbhY`'9ff]W`hi b[ `Y]bYg` :`ØW`h`]b[ g\Y]a` g`]b`DUb\_c k`'n]Y\`h`X]Y  
5bk c\`bYf`X`Yg` ; fØbYb`?`]Yn`]b`5`Ufa` VYfY]hgW`UZh`'8`]Y`GdUbbi b[  
\_ØbbhY`\_Ui a` `] fØ»`Yf`gY]bž`XYbb`5bk c\`bYf`i bX`BUhi fgW\ØhnYf`  
j Yfa` i`hYbž`XUgg`X]Y`6Ui` \YffYb`VU`X`ni` f`HUh`gW`fY]hYb`  
k ca` Ø[ `]W`]b`Y]bYf`BUW`h`i bX!`BYVY`!5`\_h]cbž`X]Y`b]Ya` UbX  
\_ca` a`Yb`g]Y\`h`'5VYf`g]bX`g]Y`k`]f`\_]W`gc`k`Y]hž`Y]bYb`gc`W  
nk Y]ZY`\`UZhYb`GW`f]h`ni` `k`U[`Yb`3

GW`cb`gY]h`:\`fYb`gW`k`Y`Yb`X]Y`5i`gY]bUbXYfgYhni b[`Yb`i`a` `X]Y  
[ Yd`UbhY`i` bhYfVf]b[`i`b[ `]`cb` ; YZØW`hYhYb`]b`XYa` `]Xm`]gW`Yb  
?`]Yn`'8`cW` `Yhnh`\_ØbbhY`\_U`Yg`\_Ui`Z`Y]bYb`G\`ck`X`ck`b`\`]bUi`g`\_Ui`ZYb`"  
6f]hhU`?`fY`\`j`cb`XYf`5bk c\`bYf]b]h]Uh]j`Y` ; fØbYf`?`]Yn`DUb\_c k  
VY`\_fÄZh][`h` `K`]f`g]bX`]b`5`Ufa` VYfY]hgW`UZh`i`bX`fYU[ `]YfYb`gcZc`fh`ž`  
k`]Y`XYf` :`**cW`g`**VYf]W`hYh`"BYVYb`XYb`5bk c\`bYfb`\`UVYb`\_Ui`W  
l`a`k`Y`hj`YfVÄbXY`]\`fY`?`\_U[`Yb`j`cfVYfY]hYhž`i`a` `XYa` `Xfc`YbXYb  
6Ui`VY[ `]bb`Ybh[`Y[`Ybni`k`]f`\_Yb`"?`f]h`\_Yf`k`Y]gYb`XUfUi`Z`\`]bž`XUgg  
X]Y`dfÄgYbh]YfhYb`5i`g[ `Y]W`ga`U»`bU\`a`Yb`j`cb` ; YgcVUi`ZØf`X]Y  
F cXi b[ `XYf` ; fØbZÄW`Yb`j`Ø`][`i`bni`fY]W`YbX`gY]Yb`"

## F cXi b[ `a` ]hhYb`]a` `?`]Yn3

8]Y` ; YgcVUi`d`Ubhž`X]Y`]Xm`]gW`Yb`[`fØbYb`<`]bhYf\`ÖZY`Ub`XYf  
?Uj U`]YfghfU»Y`]b`nk`Y` ; YVÄi`XY`\_ca`d`YI`Y`a`]h`-`-`K`c\`bi`b[`Yb`ZØf`

( &&'A YbgW\Yb'ni 'j Yfk UbXY`b" 'K Ug`Y]bghiU`g`fY[ i `ÅfY  
K c\`b\`Åi gYf`[ Yd`Ubh'k Ufž`gc`"bi b`dYf`GcbXYfVUi fYW\h`U`g  
l bhYf`\_i bZh`ZØf` ; YZØW\hYh`i a [ YgYhnh'k YfXYb" '5bk c\`bYf`k ]Y  
6f]hhU`? fY\`'i bX`]\fY`l bhYfghØhnYf`gW\`U[ Yb` \]b[ Y[ Yb`Y]bY  
XYi h`]W\`i a k Y`hZfYi bX`]W\YfY`@Øgi b[ `j cf. `GhUhh`XYg  
?ca d`YhhUVf]ggYg`fi bX`+\$`K c\`bi b[ Yb`Xi fW\`5i ZghcW`\_i b[ Yb`]b  
VYfY]hg`VYghY\`YbXYb` ; YVÅi XYbž`k cZØf`bi f`%( `ghUhh`\* \$`6Åi a Y  
[ YZÅ`h`k YfXYb`a ØgghYb"

⇒a `j Yf[ Ub[ YbYb` \]f`\_Ua `Yg`VYfY]hg`ni a `9`\_Uhž`U`g`A ]hUfVY]hYf  
XYf` ; YgcVUi `j Yfgi W\hYbž`X]Y`6Åi a Y`]a `A cf[ Yb[ fUi Yb`ni `ZÅ`Yb"  
8]Y`9a dØfi b[ `k Uf`[ fc» ž`U`g`Dc`]nY`i bX`K UW\`i bXY` \]bni \_Ua Ybž  
V]g`XUg`l a k Y`h`i bX`BUhi fgW\i hnUa h`Y]b[ f]Z`i bX`X]Y`F cXi b[  
ghcddhY" '8]Y`VYghY\`YbXY`J c[ Y`!`i bX` :`YXYfa Ui gdc di `Uh]cb  
k i fXY`XUVY]`U`g`VYgcbXYfg`gW\ØhnYbgk Yfh`Y]b[ Yghi Zh"

## 9]b`6`\_]W`\_]b`X]Y`Ni `\_]i bZh` `XYf`Yb hgW\ Y]XYbXY A ca Ybh`bU\h

J YfgW\]YXYbY`GnYbUf]Yb`gW\Y]bYb`g]W\`ni `ØVYfgW\ bY]XYb. `Ni a  
Y]bYb`X]Y`NY]hbch`XYf` ; YgcVUi ž`XYbb`gc`h`Y`X]Y`F cXi b[ `b]W\h`V]g  
9bXY` : YVfi Uf`ØVYf`X]Y`6Ø\`bY` [ Y\`Ybž`Xfc\`h`k Y]hYfYg`J YfgW\]YVYb  
XYg`6Ui dfc`Y`\_hg`Ui Z[ fi bX`XYf`6fi hnY]hj`cf[ UVYb" `Ni a `UbXYfYb  
X]Y`h]Y Z[ fY]ZYbXYb`6YXYb`\_Yb`XYf`BUhi fgW\ØhnYfž`bUW\ni `YgYb  
VY]a `HU[ Yggd]Y[ Y`ž`X]Y`Y]bY`5`\_h]cb`]a `GW\UhhYb`XYf`BUW\h  
\_Y]bYgZU`g`Xi `XYb`k c`Yb`i bX`XU\Yf`]\fYb`'f]gh]gW\Yb`5ddUfUh]b  
A UfgW\` [ YgYhnh`\UVYb"

9g`ghY\`h`Y]b][ Yg`Ui ZXYa `Gd]Y" '9]b`UVfi dhYg` : ]bU`Y`\_ØbbhY`XYb  
J Yf`i gh`XYf`[ fØbYb`C UgY`a ]hhYb`]a ` ; fc» ghUXhXgW\i b[ Y`  
VYXYi hYb" `K Å\`fYbX`XUg`F YW\hgUa hiDUb`\_ck`X]Y  
5i gbU\`a Y[ YbY\`a ]][ i b[ `ni f`F cXi b[ `k Å\`fYbX`XYf`[ YgW\ØhnhYb  
6fi hnY]h`UV`Y\`bhž`Ui ZYb`X]Y`J cfVYfY]hi b[ Yb`ZØf`9]bk ÅbXY`i bX  
DfchYghY`Ui Z`<cW\h`ci fYb" : Øf`XYb`\* " `8YnYa VYf`]gh`VYfY]hg`Y]bY  
?i bX[ YVi b[ ` [ Yd`Ubhž`VY]`XYf`X]Y`5bk c\`bYf`Ui hghUf`\_ [ Y[ Yb`XUg  
J cf\UVYb`Ui ZVY[ Y\`fYb`k c`Yb" '8]Y`\_ca a YbXYb`HU[ Y  
j YfgdfYW\Ybž`Ui g`Y]bYa `gdUbbi b[ g[ Y`UXYbYb`8fUa U`YbX[ Ø`h]  
Y]bYb`? f]a ]ni `a UW\Yb"

8YhU]`g	
C fh	? Uj U`]YfghfU» Yž'6Yf`]bž'8 Yi hgWk`UbX

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