

G]W\ YfY`K cW\ Yb`]a `? fY]g`< Y]bgVYf[ .  
Dc`]nY]`a Y`XYh`Bi ``'9]bVfØW\ Y`°

⇒a `? fY]g`< Y]bgVYf[ ` [ UV`Yg`]b`XYf`K cW\ Y`j ca `&- "'ž `]`V]g`(" 5i [ i gh`\_Y]bY`9]bVfØW\ Y`"Dc`]nY]VYfUhi b[ Yb`ni a 9]bVfi W\ ggW\ i hn`Ub[ YVchYb"

⇒a `? fY]g`< Y]bgVYf[ ` [ UV`Yg`]b`XYf`K cW\ Y`j ca `&- "'ž `]`V]g`(" 5i [ i gh'&\$&' `Y]bY`VYa Yf`Ybgk YfhY`9bhk ]W`i b[ .`? Y]bY 9]bVfØW\ Y`k i fXYb`fY[ ]ghf]Yfh" 8]YgYg`9fY][ b]g`]gh`VYgc bXYfgž`XU Yg`gY`hYb`j cf`\_ca` a hž`XUgg`XUg`9]bVfi W\ fUXUf`XYf`Dc`]nY]`ZØf`Y]bY [ Ubny`K cW\ Y`\_Y]bY`[ fØbYb`Di b`\_hY`Ubny][ hž`X]Y`bcfa U`Yfk Y]gY hUhc`fha Uf`\_YfhY`9]bVfØW\ Y`XUfghY`Yb"

8]Y`6YXYi hi b[ `XYg`9]bVfi W\ ggW\ i hnYg

: Øf`X]Y`Dc`]nY]VY\ ØfXY`i bX`X]Y`6Øf[ Yf`XYg`? fY]gYg`< Y]bgVYf[ `]gh X]YgY`B UW\ f]W\ hj`cb`[ fc» Yf`6YXYi hi b[ "'5b[ Y`U`]bgybž Dc`]nY]\`Ui dh`\_ca` a ]ggUf]b`i bX`@Y]hYf]b`XYf`DfYggYghY`Yž`VYhcbh X]Y`K ]W\ h][ \_Y]h`gc`W\ Yf`dcg]h]j Yb`B UW\ f]W\ hYb"G]Y`c Zhž`XUgg`X]Y F Y[ ]cb`k Y]hYf\]b`j cb`9]bVfØW\ Yb`j YfgW\ cbh`V`Y]Vhi bX`X]Y 6Yk c`bYf`]b`]\`fYb`< Äi gYfb`g]W\ YfYf`YVYb`\_ØbbYb"

6YfUhi b[ gUb[ YVchY`XYf`Dc`]nY]

⇒a `FU\ a Yb`X]YgYg`9fZc`[ g]j Yfk Y]gh`]bgyb`Ui Z`X]Y`j YfZØ[ VUfYb l bhYfghØhni b[ gUb[ YVchY`XYf`Dc`]nY]"`G]Y`V]YhYh`\_cghYb`cgY 6YfUhi b[ Yb`ni `9]bVfi W\ ggW\ i hna U» bU\ a Yb`Ub"'8]YgY`i a ZUggYb \]`ZfY]W\ Y`H]ddg`ni f`G]W\ Yfi b[ `j cb`K c`bi b[ Yb`i bX`< Äi gYfbž ðZc`fa Uh]cbYb`ni `[ YY][ bYhYb`GW\`ØggYfb`gck ]Y`XYb`Bi hnYb`j cb G]W\ Yf\Y]hg`\_Ua YfUg"

# K ]Y`Zi b\_h]cb]Yfh`X]Y`6YfUhi b[ 3

⇒hYfYgg]YfhY`6Øf[ Yf`g]bX`Y]b[ Y`UXYbž?cbhU\_h`Ui Zni bY\ a Ybž  
]bXYa`g]Y`]\fYb`BUa Yb`i bX`]\fY`HY`YZcbbi a a Yf`Ui ZY]bYa  
5bfi ZVYUbhk cfhYf`\]bhYf`UggYb" 8]Y`?c`Y[ Yb`XYf`Dc`]nY]`k YfXYb  
g]W\`XUbb`nY]hbU\`a Y`XYbž i a`Y]bYb`6YfUhi b[ ghYfa`]b`ni  
j YfY]bVUFYb" 9g`]gh`k ]W`h][ ž`XUg`G]W`Yf\Y]hgVYk i ggHgY]b`ni  
ZØfXYfb`i bX`dfÅj Ybh]j`ni` \UbXY`b ž`gU[ h`5b[ Y`U`]bYb"

## 9]b`d cg]h]j Yg`HfYbXg][ bU`

K Å\ fYbX`9]bVfØW`Y`c Zh`XUg`J YfhfUi Yb`i]b`X]Y`G]W`Yf\Y]h`Y]bYg  
GhUXhY]`g`VYY]bhfÅW`h][ Ybž`\_ØbbhY`X]YgY`Y]bVfi W`ZFY]Y`K cW`Y  
Y]bY`k UW`gYbXY`GYbg]V`]hÅh`XYf`6Øf[ Yf`ZØf`G]W`Yf\Y]h`i bX  
DfÅj Ybh]cb`k ]XYfgd]Y[ Y`b" 8]Y`Dc`]nY]VY\ ØfXY`g]Y\h`\]Yf]b`Y]b  
d cg]h]j Yg`G][ bU`ZØf`X]Y`Ni`\_i bZhi bX`a ch]j ]Yfh`X]Y` ; Ya Y]bgW`UZhž  
g]W`U\_h]j`Ua`GW`i hm`]fYf`I a [ YVi b[ `ni`VYhY`]][ Yb"

## : Un]h

⇒Y]bYf`NY]hž`]b`XYf`G]W`Yf\Y]h`Y]b`nYbhfU`Yg`5b`]Y[ Yb`ZØf`j ]Y`Y  
A YbgW`Yb`XUfghY`hž`V]YhYh`XYf`?fY]g`<Y]bgVYf[ `a`]h`X]YgYf  
d cg]h]j Yb`6]`Ubn`Y]bYb`<cZZbi b[ ggW`]a a Yf" 8i fW`dfÅj Ybh]j Y  
A U» bU\ a Yb`i bX`U\_h]j Y`HY]`bU\ a Y`XYf`6Øf[ Yf`\_Ubb`j ]Y`Y]W`h  
Y]bY`bUW`\U`h][ Y`F`YXi`n]Yfi b[ `j cb`9]bVfØW`Yb`Yfn]Y`h`k YfXYb"  
8 Ug`6Y]gd]Y`X]YgYf`K cW`Y`gc`hY`XUni`X]YbYbž`XUg  
G]W`Yf\Y]hgVYk i ggHgY]b`ni`ghÅf`\_Yb`i bX`X]Y`[ Ya Y]bgW`UZh`]W`Y  
J YfUbhk cfhi b[ `ZØf`Y]b`g]W`YfYg`K c\bi a ZY`X`ni`ZØfXYfb"

8YhU]`g

6Ygi W`Yb`G]Y`i bg`Ui Z.`b!U[ "XY