

A U]bn`\$) `a Ø\h'g]W`ni ` \_bUddYb`8: 6!  
Dc\_U`!G]Y[ ` [ Y[ Yb`K ]YgVUXYb

A U]bn`\$) `VYg]Y[ h`K ]YgVUXYb`bUW`ghUf`\_i a \_Åa dZhYa `8: 6!  
Dc\_U`!Gd]Y`a ]h" .%i bX`g]W`Yfh'g]W`XYb`9]bni [ `]b`X]Y  
bÅW`ghY`Fi bXY"

⇒ `8: 6!Dc\_U`VY[ Y[ bYhY`XYf`6i bXYg`][ ]gh`A U]bn`\$) `XYa  
8f]hh`][ ]ghYb`GJ`K Y\Yb`K ]YgVUXYb`]b`Y]bYa `gdUbbYbXYb`i bX  
i a \_Åa dZhYb`A UhW`" `8]Y`DUfh]Y`ZUbX`Ua `j Yf[ Ub[ YbYb`GUa ghU[ `]b  
XYf`6f]hU!5fYbU`j cf`%&") \$\$`Ni gW`Ui Yfb`ghUhh`i bX`gcf[ hY`ZØf  
5i ZfY[ i b[ `i bX`8fUa Uh]\_ž`X]Y`V]g`]b`X]Y`j Yf`Àb[ Yfi b[ `XUi YfhY"

Gd]Y`j Yf`Ui Zi bX`XfUa Uh]gW`Y`K YbXi b[ Yb

8Yf`5VYbX`VY[ Ubb`ZØf`A U]bn`a ]hj ]Y`8fi W\_. `8]Y`A UbbgW`UZh]j cb  
HfU]bYf`6c`< Ybf]\_gYb` \UhY`]b`XYb`YfghYb`A ]bi hYb`a Y\ f  
Gd]Y`UbhY`]Y""8YbbcW`k UfYb`Yg`X]Y`K ]YgVUXYbYfž`X]Y`Xi fW  
Y]bYb`HfYZZYf`j cb`HUf]\_ ; ÒnØg]f]b`]b`XYf`%) ""A ]bi hY`]b` : Øfi b[  
[ ]b[ Ybž`k Ug`X]Y` : Uj cf]hYb`j Yfi bg]W`YfhY"

⇒ `XYf`YfghYb`< U`VnY]h`nY][ hY`A U]bn`GW`k ÅW`Yb`]b`XYf`C ZYbg]j Yž  
X]Y`Xi fW`XUg` : Y\`Yb`XYg`Y\Ya U`][ Yb`GhUfg`6fU`Ub` ; fi XU  
j Yfgh`Åf`\_h`k i fXYb`"GY]b`K YW`gY`ni a `Yb[ `]gW`Yb`7`i V`6f][ \hcb`/  
< cj Y`5`V]cb`a UW`hY`g]W`XYi h]W`VYa Yf`VUf`"Hcfk Ufh`F cV]b  
NYbhbYf`k Uf`Ygž`XYf`a ]hid`Åbca YbU`Yb`DUfUXYb`XUZØf`gcf[ hYž  
XUgg`X]Y`YfghY`< Å`ZhY`a ]hY]bYa `FØW`ghUbX`j cb`bi f`\$.%YbXYhY"

9]bni [ `]b`X]Y`bÅW`ghY`Fi bXY

B UW`XYf`< U`VnY]hdUi gY`YbhgdUbbhY`g]W`X]Y`G]hi Uh]cb`ZØf`X]Y  
A U]bnYf.`8ca ]b]\_?c`f`Yfn]Y`hY`]b`XYf`) - ""A ]bi hY`XYb`5i g[ `Y]W"

5bgW`jY»YbX`Ybhk ]W\_Y`hY`g]W`Y]bY`]bhYbg]j Y  
5i gY]bUbXYfgYhni b[ ž]b`XYf`VY]XY`HYUa g`Ui ZXYb` ; Yk ]bb  
XfÅb[ hYb`"5`YfX]b[ g`V`]YV`Yg`V]g`ni a `9bXY`XYf`fY[ i `ÅfYb  
Gd]Y`nY]h`VY]a `%.%ž`gcXUgg`X]Y`DUfh]Y`]b`X]Y`J Yf`Åb[ Yfi b[ `]b[ "

9a ch]cbU`Y`l bhYfghØhni b[ `ZØf`X]Y  
; Ya Y]bXYb

8Yf`Dc\_U`Ui Zhf]hhj cb`A U]bn`\$) `]b`K ]YgVUXYb` \Uh`b]W`h`bi f`ZØf  
BYfj Yb\_]hnY`[ Ygcf[ hž`gcbXYfb`Ui W`X]Y ; Ya Y]bgW`UZhV]bXi b[  
XYf` : Ubgi[ Ygh`Åf`h`Gdcfh]W`Y`9fY][ b]ggYž`]bgVYgcbXYfY`]a `8 : 6!  
Dc\_U`ž`Vf]b[ Yb`A YbgW`Yb`Ui g`j YfgW`]YXYbYb`fY[ ]cbYb  
ni gUa a Yb`i bX`ZØfXYfb`XYb` ; Ya Y]bgW`UZhV]Y]gh`8]YgY`5fhj cb  
6Y[ Y[ bi b[ Yb`g]bX`ZØf`X]Y`\_Y]bYfYb`7`i Vg`k ]Y`K ]YgVUXYb`j cb  
Ybcfa Yf`6YXYi hi b[ `i bX`V]YhYb`XYb`c\_U`Yb` : Ubgi`X]Y  
A Ø[ `]W`\_Y]hž`bUh]cbU`Y`GhUfg` \Ui hbU` \ni `Yf`YVYb"

Gd`ÅhY`HcfY`i bX`Yb hgW`Y]XYbXYf`? Ud]h`Åb

⊕`XYf`J Yf`Åb[ Yfi b[ `]Y» `XYf`8fi W`\_b]W`h`bUW`"A U]bn` \UhhY  
a Y`fYfY`7` \UbW`bž`XcW`Yg`k Uf`εbUh`Ub`6i f`\_UfXhž`XYf`]b`XYf  
%%' "A ]bi hY`bUW`Y]bYa `7cfbYf`ZØf`X]Y : Ø`fi b[ `gcf[ hY`"BUX]Ya  
5a ]f]`gYhnhY`]b`XYf`YhnhYb`A ]bi hY`a ]hY]bYa `k Y]hYfYb`HfYZZf  
ni a ` .%XYb`GW`i ggdi b`\_hi bX`Yb hgW`]YX`gca ]h`XUg`A UhW`"8]Y  
A U]bnYf` \UVYb`g]W`a ]h`X]YgYa `G]Y[ `]b`X]Y`b`ÅW`ghY`F i bXY`XYg  
Dc\_U`g[ YfYhhYhi bX`XUa ]h`]\fY`5a V]h]cbYb`i bhYfa Ui Yfh"

8 Ug`HfYZZYb`nk ]gW`Yb`A U]bn`i bX`K ]YgVUXYb`]gh`Y]b`k Y]hYfYf  
6Y`Y[ `XUZØfž`k ]Y`gdUbbYbX`XYf`8 : 6!Dc\_U`gY]b`\_Ubb`i bX`k Y`W`Y  
, VYffUgW`i b[ Yb`Xcfh`Ui ZU`Y`6YhY`][ hYb`k UfhYb`"Hfch`XYf  
GW`k ]Yf][ \_Y]hYb`\_cbbhY`A U]bn`YhnhYbX`]W`Xi fW`HYUa [ Y]gh`i bX  
9bhgW`cggYb`Y]h`XYb`G]Y[ `bUW`<Ui gY`Vf]b[ Yb`"8]Y : Ubgi`ZfYi Yb  
g]W`bi b`VYfY]hg`Ui Z`X]Y`b`ÅW`ghY`<YfUi gZcfXYfi b[ `]b`X]YgYa `ZØf  
g]Y`gc`VYXYi hYbXYb`K YhVYk Yfv"

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