

Hcf`cgYg`l bYbhgWx ]YXYb. : 7`<ca Vi f[  
i bX : GJ `A U]bn`\$) `=hfYbbYb`g]Wx

⇒ `FY[ ]cbU``[ U!Gd]Y`hfYbbhYb`g]Wx`%": GJ `A U]bn`\$) `=i bX  
: 7`\$, `<ca Vi f[ `hcf`cg"6Y]XY`HYUa g`k UfhYb`Ui ZXYb`YfghYb  
G]Y[ "

8 Ug`Øb[ ghY`Gd]Y`nk ]gWxYb`XYa`%" : GJ `A U]bn`\$) `=i bX`XYa` : 7  
\$, `<ca Vi f[ `Uh`VY]`XYb` : Ubg[ Ya ]gWxhY`FYU\_h]cbYb  
`Yfj cf[ Yfi ZYb"5b`Y]bYa`gdUbbYbXYb`GcbbhU[ `ZY`hY`Yg`VY]XYb  
A UbbgWx UZhYb`Ub`XYf`bØh][ Yb`Df`Än]g]cb`j cf`XYa`Hcfž`k Ug`ni  
Y]bYa`hcf`cgYb`l bYbhgWx ]YXYb`ZØ`fhY"8]YgYg`9f[ YVb]g`nY][ hž  
XUgg`VY]XY`HYUa g`]b`XYf`FY[ ]cbU``[ U`GØXk Ygh]j cf  
<YfUi gZcfXYfi b[ Yb`ghY`Yb"

8 ]Y`6YXYi hi b[ `XYg`l bYbhgWx ]YXYbg

C Vk c`XUg`9f[ YVb]g`ZØf`VY]XY`7`i Vg`Yhnh]Wx`\_Y]bYb`G]Y[  
VfUWxhYž`UhYg`XYbbcWx`5i gk ]f\_i b[ Yb`Ui ZX]Y`HUVY`Y`i bX`X]Y  
Gh]a`a`i`b[ `]a`HYUa`"8Yf` : GJ `A U]bn`\$) `=Z]Y`Xi fWx`XYb  
Di b\_h[ Yk ]bb`Ui ZD`Uhn`j ]Yf`ni fØW`ž`k Ä`fYbX`XYf` : 7`\$, `<ca Vi f[  
g]Wx`Ui ZD`Uhn`%`j YfVYggYfhY"⇒b`Y]bYf`@[ UgU]gcbž`]b`XYf`XYf  
5Vgh]Y[ `cXYf`XYf`5i Zgh]Y[ `cZh]j cb`k Yb][ Yb`Di b\_hYb`UV`Äb[ hž  
\_ØbbhY`YXYg`9f[ YVb]g`YbhgWxY]XYbX`gY]b"

5 bdUggi b[ Yb`i bX`ghfUhY[ ]gWxY`K`YWx`gY`

K Ä`fYbX`XYg`Gd]Y`g[ UV`Yg`a Y`fYfY`dYfgcbY`Y`Y`bXYfi b[ Yb`Ui Z  
GY]hYb`XYf`A UbbgWx UZhYb"8Yf` : 7`<ca Vi f[ `VfUWxhY`@Ycb`DYhØ`ZØf  
5a Uf`Gi`^Wž`i`a`bYi`Y`⇒a`di`gY`ni`gY`hnYb"5i Wx`A U]bn`gY`hnhY`Ui Z  
Zf]gWxY`?fÄZhY. `ž`]Ub`A Ui f]Wx`8YfghfcZZi bX`8Yb]g`@]bga`UmYf  
YfgYhnhYb`@cj ]g` : fYXYf]\_`6]YfgWxYb`\_i bX`Jgcb`5a Ubb`ni`f

<U`VnY]h"Gc`WkY`K YWk gY`g]bX`cZh`YbhgWkY]XYbXž`i a`XUg`Gd]Y`ni  
VY`YVYb`i bX`bYi`Y`GhfUHY[ ]Yb`ni`Ybhk ]W\_Y`b"

## K UfhYb`Ui Z`XYb`YfghYb`G]Y[

: Øf`XYb` : 7`\$, `<ca Vi f[ `]gh`Yg`bUWk`XfY]`Gd]Y`Yb`]b`XYf`@[ U`bi b  
VYfY]hg`X]Y`Xf]hY`6Y[ Y[ bi b[ `c`bY`G]Y[ ""8 Ug`HYUa`ghYW`h]b  
Y]bYf`gWk ]Yf[ ]Yb`D`UgY`]b`XYf`GU]gcbž`X]Y`dfÄ[ YbX`ZØf`X]Y  
k Y]hYfY`9bhk ]W`i b[ `gY]b`\_ØbbhY""8]Y` : Ubg`k UfhYb`[ YgdUbbh`Ui Z  
XUg`YfghY`9fZc`[ gYf`YVb]gž`XUg`ZØf`XYb`bØh[ ]Yb`5i ZgWk i b[ `]b`XYf  
HUVY`Y`gcf[ Yb`\_ØbbhY"

## 5i gg]Wk hYb`ZØf`X]Y`bÄWk ghYb`6Y[ Y[ bi b[ Yb

: Øf`X]Y`\_ca`a`YbXY`Fi bXY`ghY`h`ZØf`XYb`%"` : GJ`A U]bn`\$)` `=XUg  
5i gk Äfhggd]Y`[ Y[ Yb`XYb` : 7`\$, `J`]"`b[ Yb`Ua``&\$""5i [ i gh`&\$`&(  
Ub""8]YgYf`A UWk`\_ØbbhY`Y]bY` ; Y`Y[ Yb`Y]h`gY]bž`X]Y`U`hi`Y`Y  
: cfa`ni`j`YfVYggYfb`i bX`k ]YXYf`Ui Z`X]Y`G]Y[ YggfhU» Y`ni  
\_ca`a`Yb""; `Y]Wk nY]h[ `Ya`dZÄb[ h`XYf` : 7`<ca Vi f[ `Ua`bÄWk ghYb  
GUa`ghU[ `?GJ`<YggYb`?UggY`ž`k`c`g]Y`]\fYb`YfghYb`GU]gcbg]Y[  
UbghfYVYb`k`YfXYb"

## : Un]h`i bX`5i gV`]W\_

8 Ug`i bYbhgWk]YXYb`nY][ h`X]Y`<YfUi`gZcfXYfi b[ Ybž`j`cf`XYbYb`X]Y  
HYUa`g`]b`XYf`F`Y[ ]cbU`][ U`GØXk`Ygh`ghY`Yb""Gck`c`A U]bn`U`g  
Ui Wk`<ca Vi f[ `a`ØggYb`]\fY`GhfUHY[ ]Yb`ØVYfXYb`\_Ybž`i`a`i`]b`XYf  
HUVY`Y`k`Y]hYf`bUWk`j`cfbY`ni`\_ca`a`Yb""8]Y`bÄWk ghYb`Gd]Y`Y  
k`YfXYb`YbhgWk]Y]XYbX`gY]b`i bX`\_ØbbhYb`XUg`GWk]W\_gU`VY]XYf  
A UbbgWk`UZhYb`VYY]bZi`ggYb"" : Ubg`i bX`5bU`mghYb`k`YfXYb  
[ YgdUbbh`VYc`VUWk`hYbž`k`]Y`g]Wk`X]Y`gY`G]hi`Uh]cb`YbhZU`hYb`k`]fX"

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