

< Yfn\_`cdZYb`]a `C`ma d]UghUX]cb.  
J Yf`cVi b[ gUbhfÀ[ Y`VY]a `Gk ]Zh! ? cbnYfh

⇒a `A ØbWbYf`C`ma d]UghUX]cb`k i fXYb`k À\fybX`XYg`HUm`cf!  
Gk ]Zh! ? cbnYfhg`a Y\fyfy`fca Ubh]gWXY`<Y]fUhgUbhfÀ [ Y  
[ Ya UW h`i`Y]b`i bj Yf[ Ygg`]WYf`5VYbX`

A ØbWYb` `9g`k Uf`Y]b`5VYbX`j c`Yf`A U[ ]Y`i bX`9a ch]cbYbž`U`g`]a  
C`ma d]UghUX]cb`a Y\fyfy`DUUFY`k À\fybX`XYg`HUm`cf!Gk ]Zh!  
? cbnYfhg`XYb`YbhgWXY]XYbXYb`GWf]h`i]b`]\fyf`6Yn]Y\i b[ `k U[ hYb`"  
HfU[ YbXY`F c`Y`gd]Y`hY`b]W h`i b`f`X]Y`A i g]\_ž`gcbXYfb`Ui W`X]Y  
fca Ubh]gWXY`5ha cgd`Àfy`i bX`X]Y`i bhYfghØhni b[ `Xi fW`UbXYfY  
: Ubg"

8 Yf`dYfZY`\_hY`A ca Ybh`ZØf`Y]bYb  
< Y]fUhgUbhfU[

⇒a `[ fc»Yb`F U\`a Yb`XYg`? cbnYfhg`ZUbXYb`[ `Y]W`a Y\fyfy  
<Y]fUhgUbhfÀ[ Y`ghUhz`k Ug`nY][ hž`k ]Y`? cbnYfhY`Ui W`U`g  
fca Ubh]gWXY`?i`]ggY`Zi b[ ]YfYb`\_ØbbYb`"9]b`A Ubb`U`hY`gY]bYb  
5bhfU[ `a ]h`Y]bYf`Xi fW`XUW`hYb` , VYffUgW`i b[ `j cfVYfY]hYh`9f  
Xfi W`hY`Y]b`H!G\]fh`a ]h`XYf`6chgW`UZh` ⇒W`a ØW`hY`a ]W`j Yf`cVYb`"  
6]hhY`Z]`a h`a ]W`VY]` @cj Y`Ghcfm`i bX`Y]bYf`[ fc»Yb`⇒ghU[ fUa`!E F!  
7cXY`XUfUi Z`i a`g]W`Yfni ghY`Ybž`XUgg`X]YgYf`VYgcbXYfY`A ca Ybh  
ZYgh[ Y\U`hYb`k i fXY`"5i Z`XYb`YfghYb`6]W`a U[ `XUg`i bUi Z`Ä`][  
YfgWXY]bYbž`XcW`X]Y`DfcV`Ya Uh]\_`U[ `XUf]bž`XUgg`gY]bY`DUf`hbYf]b  
X]Yg`XYb`[ Ub`nYb`HU[ `ØVYf`b]W`h`VYa Yf`\_hY`"

I bhYfghØhni b[ `Xi fW`X]Y` ; Ya Y]bgW`UZh

8]Y`i a ghY`YbXYb` : Ubg`gd]Y`hYb`Y]bY`YbhgWXY]XYbXY`F c`Y`]b  
X]YgYb`VYgcbXYfYb`A ca YbhYb`"G]Y`Y`Y`hYb`U`Yg`a ]h`]\fyb

< UbXmbUW f]W hYb`ZYghi bX`† VY`hYb`XYb`J Yf`]YVhYb`ni`"9]b  
k Y]hYfYg`6Y]gd]Y`Z0f`X]Y`I bhYfgh0hni b[ `]bbYf\U`V`XYf  
: Ub[ Ya Y]bgW UZh`k Uf`Y]b`ca cgYI i Y`Yg`DUUfz`XUg`k A`fYbX`XYg  
?cbnYfhg`YVYbZU`g`XYb`GW f]hh`ni f`J Yf`cVi b[ `k U[ hY`"ΔfY  
I a Ufa i b[ Yb`i bX`XYf`† VY`bXY`5dd`Ui g`XYf`UbXYfYb  
?cbnYfhVYgi W Yf`nY][ hYbžk ]Y`k ]W h][ `[ Ya Y]bgW UZh]W Y  
I bhYfgh0hni b[ `]b`gc`W Yb`Ya ch]cbU`Yb`5i [ YbV`]W\_Yb`]gh"

## 8 Yf`9]bZ`i gg`j cb`A i g]\_`Ui Z`6Yn]Y\`i b[ Yb

A i g]\_`\Uh`Y]bY`ghUf`\_Y`K ]f`\_i b[ `Ui ZX]Y`9a ch]cbYb`XYf`A YbgW Yb  
i bX`\_Ubb`YbhgW Y]XYbXY`@YVYbga ca YbhY`VY]bZi ggYb`"HUm`cf  
Gk ]Zh`]gh`b]W h`bi f`VY`\_Ubb`h`Z0f`]\fY`Y]b[ `Ab[ ]][ Yb`A Y`cX]Ybž  
gcbXYfb`Ui W `Z0f`HYI hYžX]Y`H\Ya Yb`k ]Y`@]VY`i bX`6Yn]Y\`i b[ Yb  
UbgdfYW Yb`"8Yf`Gcb[ `@cj`Y`Ghcfm`k ]fX`VYgcbXYfg`\`Ai Z][ `U`g  
fca Ubh]gW Yf`<]bhYf[ fi bX`Z0f`5bhfA[ Y`[ Ybi`hh`"8Yf  
k ]YXYf`\_Y`fYbXY`GUh` ħg`U`cj`Y`ghcfmž`VUVmž`† gh`gUm`M`g`k ]fX  
gc`ni`Y]bYa`Gma Vc`Z0f`XUg`>U!K cfhž`XUg`j ]Y`a Y`f`]gh`U`g`bi`f`Y]b  
Y]bZUW Yf`5bhfU[ "

## 9]b`bYi Yf`HfYbX3

8]Y`j ]Y`Yb`<Y]fUhgUbhfA[ Y`VY]a`?cbnYfh`\_0bbhYb`XUfUi Z  
\]bk Y]gYbž`XUgg`Y]bY`bYi Y`HfUX]h]cb`YbhghY\`h`?cbnYfhY`U`g`C`fhY  
Z0f`0ZYbh`]W Y`@]VYgYf`\_`Äfi b[ Yb`i bX`<Y]fUhgUbhfA[ Y`"5b`X]YgYb  
VYgcbXYfYb`C`fhYbž`j c`Yf`A i g]\_`i bX`: fYi XYž`Z0\`Yb`g]W `j ]Y`Y  
DUUfY`XUni`]bgd]f]Yfhž`]\fY`@]VY`0ZYbh`]W `ni`nY][ Yb`i bX`XYb  
bAW ghYb`GW f]hh`ni`k U[ Yb"

## : Un]h.`@]YVY`]b`XYf`@i Zh

8]Y`9fY][ b]ggY`]a`A 0bW YbYf`C`ma`d]UghUX]cb`nY][ Yb  
Y]bXf0W`]W ž`k ]Y`A i g]\_`i bX`; Ya Y]bgW UZh`Y]bY`k ]W h][ Y`F`c`Y  
VY]`XYf`; YghU`hi b[ `j`cb`6Yn]Y\`i b[ Yb`gd]Y`Yb`\_0bbYb`"8]Y  
J YfV]bXi b[ `j`cb`Ya`ch]cbU`Yb`A`ca YbhYb`i bX`XYf`I bhYfgh0hni b[  
Xi`fW`; `Y]W [ Yg]bbhY`gW UZh`Y]bY`5ha`cgd`\`ÄfYž`X]Y`gY`Vgh`X]Y  
gW Yi YghYb`DYfgcbYb`XUni`Yfa`i h][ hž`]\fY`@]VY`ni`VY`\_i bXYb`"9g

V`Y]Vh'gdUbbYbX'ni `VYcVUW`hYbž'cV`X]YgYf`HfYbX'g]W`Zc fhgYhnYb  
k ]fX'i bX'cV'ni \_ØbZh][ Y`?cbnYfhY`À\b`]W`Y`fca Ubh]gW`Y  
; YgW`]W`hYb`\Yfj cfVf]b[ Yb`k YfXYb"

· B 5;

8YhU]`g

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