

J ca 'B G! ⇒XYU`ni a 'B Yi UbZUb[ . '8 ]Y  
j Yf[ YggYbY` ; YgWΛ ]WΛ hY`Ua '6c[ YbgYY

8]Y`J]`U`j cb`ægYd\` ; cYVVY`g`Ua '6c[ YbgYY`ghY`h`ni a  
J Yf\_Ui Z`k Å\ fYbX`6Yf`b`bUWΛ`ϕhYfYggYbhYb`gi`WΛh`  
< ]ghcf]gWΛYg`9fVY`cXYf`Z]bUbn]Y`Y`6Y`Ughi b[ 3

8]Y`Y`Ya U`][ Y`J]`U`Ua '6c[ YbgYY`ž`X]Y`Y]bgh`ægYd\` ; cYVVY`g  
[ Y\ŌfhY`ž`ghY`h`bi b`]a` : c\_i g`Y]bYf`8]g\_i gg]cb`ØVYf`X]Y`9f`U`hi b[  
\]ghcf]gWΛYf`Gh`hYb`i bX`XYfYb`\_i`hi fY`Y`6YXYi hi b["

9]bY`[ YgWΛ ]WΛ hghf`ÅWΛ h][ Y`Gh`hY`]b`XYf`B Uhi f

8]Y`J]`U`Ua '6c[ YbgYY`ž`Yff]WΛ hYh`%-` -`ZŌf`XYb  
bUh]cbU`gc n]U`]gh]gWΛYb`DfcdU[ UbXUa` ]b]ghYf`ægYd\` ; cYVVY`gž`]gh  
b]WΛh`bi f`Y]b`UfWΛ ]hY`\_hc b]gWΛYg`F`Y`\_hž`gc bXYfb`Ui`WΛ`Y]b`Gma`Vc`  
ZŌf`X]Y`\_ca`d`YI`Y` ; YgWΛ ]WΛ hY`nk`Y]Yf`8]\_hUhi fYb`"8]YgYg  
9bgYa`V`Y`ž`XUg`g]WΛ`ØVYf`(\$`\$\$\$`E`i`UXfUha`YhYf`YfghfYW`\_hž`]gh  
a`]h`Yfk`Y]Y`j`cb`XYf`B Uhi f`ni fŌW`Yfc`VYfh`k`cfXYb`ž`bUWΛXYa`Yg  
ØVYf`ϕ\`fY`\]bk`Y[ `XYa`J`YfZU`d`fY]g[ Y[ YVYb`k`Uf`"8Yf`6Yf`]bYf`  
:]bUbngYbUhc`f`GhY`ZUb`9]Yfg`\Uh`\_Ōfn`]WΛ`ŌZZY`bh`]WΛ`Yf`\_Åfhž`XUgg  
X]Y`GhUX`h`VYfY]h`gY]ž`XUg` ; Y`ÅbXY`ni`j`YfgWΛYb`\_Ybž`i`a`Yg  
`cgni`k`YfXYb`"

8 Ug`9fVY`XYf`8 ]\_hUhi fYb

K Ug`X]Y`J]`U`i bX`X]Y`Ub[ fYbnYbXY` : 8`ϕ`cWΛ`gWΛ`i`Y`gc  
VYXYi`hgUa`a`UWΛ`hž`]gh`]\`fY`F`c`Y`]b`XYf` ; YgWΛ ]WΛ hY`XYf`  
dc`]h]gWΛYb`⇒Yc`c[ ]Yb`]b`8Yi`hgWΛ`UbX`"5b`X]YgYa`C`fh`k`i`fXYb`]b  
XYf`B UWΛ`\_f]Y[ gnY]h`X]Y` ; fi`bX`U[ Yb`ZŌf`XUg`gc n]U`]gh]gWΛY  
6]Xi b[ ggmg hYa`XYf`88F`[ YgWΛ`UZZY`bž`k`c` : Ø\fi b[ gbUWΛ`k`i`WΛ`g  
Ui`g[ YV]`XYh`k`i`fXY`"< ]ghcf]\_Yf`k`Y]gYb`XUfUi`Z`\]bž`XUgg`X]Y`J]`U`

i bX`X]Y`<cWgWxi`Y`Ua`6c[ YbgYY`b]W`h`bi`f`HY]`XYf`U`hYb  
CfXbi b[ `k UfYbž`gcbXYfb`Ui W`U`g`Gh`hYb`XYf`]XYc`c[ ]gWYb  
I a gYhni b[ `i bX`GWxi`i b[ `X]YbhYb"

## ⇒hYfYggYbhYb`Ui`g`U`Yf`K`Y`h

GY]hXYa`XUg`5b[ YVchj`cb`9j`Yfg`VY`Ubb`h`k`i`fXYž`nY][`h`Y]bY  
J]Y`nU`j`cb`⇒hYfYgg]YfhYb`k`Y`hk`Y]h`⇒hYfYggY`Ua`9fk`YfV`XYg  
;`Y`ÅbXYg"J`cb`gd]f]hi`Y`Yb`NYbhYb`V]g`b`ni  
7Ua`d]b[`d`UmVYhfY]VYfb`fY]WYb`X]Y`J`c`fgW`Å[`Yž`YXcW`]gh`X]Y  
Z]bUbn]Y`Y`6Y`Ughi`b[`ZØf`X]Y`9f`U`hi`b[`i`bX`FYbcj`]Yfi`b[`XYf  
XYb\_a`U`[`YgW`ØhhYb`;`YV`Åi`XY`Ybcfa`ž`a`]h`GW`Åhni`b[`Yb`j`cb`V]g  
ni`"`)`\$`A`]`cbYb`9i`fc" `Gc`W`c`Y`?`cghYb`[`YVYb`XYb  
GhUXhd`c`]h]\_Yfb`5b`Ugg`ni`f`Gcf[`Yž]`cf`U`Ya`ž`XU`Yg`g]W`XUVY]`i`a  
⇒j`Ygh]h]cbYb`]b`X]Y`J`Yf[`Ub[`Yb`Y]h`U`bXY`h"

## 8 Ug`9bgYa`V`Y`i`bhYf`8Yb\_a`U`gWxi`hn

8]Y`J]`U`a`i`gg`gUb]Yfh`k`YfXYbž`XU`g]Y`i`bhYf`8Yb\_a`U`gWxi`hn  
ghY`h`"8]Yg`ghY`h`Y]bY`<`YfUi`gZc`fXYfi`b[`ZØf`\_ØbZ]h[`Y`9][`Yb`hØa`Yf  
XUfž`XYbb`X]Y`Z]bUbn]Y`Yb`A`]hY`ž`X]Y`ZØf`X]Y`9f`U`hi`b[`VYb`Øh][`h  
k`YfXYbž`\_ØbbYb`j`cb`XYf`GhUXh`6Yf`]b`b]W`h`Ui`Z[`Yž]`bXYb`k`YfXYb"  
GhUhhXYggYb`ghY`Yb`U`hYfbUh]j`Y`⇒XYb`]a`F`Ui`a`ž`k`]Y`Yhk`U`X]Y  
5Vf]gg`i`bX`X]Y`F`YbUhi`f]Yfi`b[`XYg`;`YV]Yhgž`YXcW`k`ØfXY`X]Yg  
YVYbZU`g`VYhf`ÅW`h]W`Y`Gi`a`a`Yb`\_c`ghYb"

## 9]b`C`fh`j`c`Yf`9f]bbYfi`b[`i`bX`A`U`b`i`b[

8]Y`J]`U`i`bX`X]Y`i`8`<cWgWxi`Y`Ua`6c[ YbgYY`ghY`Yb`b]W`h  
]gc`]Yfhž`gcbXYfb`U`g`A`cbi`a`YbhY`XYf`9f]bbYfi`b[`Ub`Ui`hcf]h`ÅfY  
GmghYa`Y`"8Yf`Ni`ghUbX`XYf`VY]XYb`;`YV`Åi`XY`"Åggh`YfU`bYbž`k`]Y  
;`YgW`]W`hY`j`YfV`UggYb`\_Ubb"`,`VYf`Y]bYb`NY]hfUi`a`j`cb`ZØbZnY`b  
⇒Y`fYb`k`Uf`X]Y`?`i`hi`f`XYf`8]\_hUhi`fYb`Y]Yf`YVYbX][`ž`VYj`cf`g]Y  
XYa`J`YfZU`ØVYf`UggYb`k`i`fXY" <`Yi`hY`ghY`Yb`X]Y`]a`dcgUb`hYb  
;`YV`Åi`XY`[`YgdYbgh]gW`]ba`]hYb`XYf`6`Åi`a`Yž`i`a`[`YVYb`j`cb`XYf  
U`a`Å`]W`Yb`F`ØW`\_Y`f`XYf`B`Uhi`f"

# Ni \_i bZh'i b[ Yk ]gg

8]Y`Ni \_i bZh`X]YgYg`[ YgWk]Wk hghf`ÅWk h][ Yb`C fhYg`V`Y]Vh`i b[ Yk ]gg"  
Hfchn`U`Yf`6Ya Ø\i b[ Yb`i a`9f`U`h`i bX`l a bi hmi b[ `k ]fX`X]Y`J ]`U  
\_Ui a`Yfbg`h`UZh]b`6YhfUWk h][ Ync[ Yb`"8Yf`6Øf[ Yfa`Y]ghYf`j`cb  
K`UbX`]mž`XYf`b`U`Y[ Y`Y[ YbYb`GhUXhž`nY][ h`g]Wk`g`\_Ydh]gWk`ž`XUgg  
Ui Wk`g]Y`X]Y`?cghYb`ZØf`XYb`9f`U`h`ghY`a`a`Yb`\_ØbbhYb`"K`Ug`V`Y]Vh  
g]bX`≠XYb.`Y]bY`; YXYb`\_gh`ÅhY`ni`gWk`UZZYb`cXYf`j`Y`Y]Wk`h`Y]b  
<cWk[ `Ubni! f`Ui VgdUfUX]Yg`Ua`6c[ YbgYYž`XcWk`Y]bY`YWk`hY  
5V`\_Y`f`j`cb`XYf`j`cb`XYf`; YgWk]Wk`hY`[ Ydf`Å[ hYb`J`Yf[ Ub[ Yb`Y]h  
gWkY]bh`i`bfYU`]gh]gWk`"

8Yf`6c[ YbgYY`i`bX`gY]b`h`]ghc`f]gWk`Yg`9fVY`a`Uf`\_]YfYb`Y]bYb`C`fhž  
Ub`XYa`9f]bbYfi`b[ Yb`Ub`j`Yf[ Ub[ YbY`dc`]h]gWkY`HfU[ ØX]Yb  
`YVYbX][ `V`Y]VYb`"8]Y`<YfUi`gZc`fXYfi`b[ Ybž`X]Y`g]Wk`VY]`XYf  
9f`U`h`i`b[ `X]YgYf`Gh`ÅhY`Yf[ YVYbž`k`YfZYb`:`fU[ Yb`ØVYf`i`bgYfY  
J`YfUbhk`cfhi`b[ `]a`l`a`[ Ub[ `a`]h`[ YgWk]Wk`hghf`ÅWk`h][ Yb  
A`cbi`a`Yb`hYb`Ui`Zi`bX`k`Ug`k`]f`Ui`g`XYf`J`Yf[ Ub[ Yb`Y]h`YfbYb  
\_ØbbYb`"

· B 5;

8YhU]`g

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