

' \$ 'A ]bi hYb' < ⇒H'K cf\_ci hž'XUg'G]Y'ni  
< Ui gY'a UWYb' \_ÖbbYb

Nk ]gWYb'5fVY]hž': Ua ]'Yž'5\_h]j ]hÄhYb'i bX  
NY]hd`UbÄbXYfi b[ Yb'\_Ubb'Yg'gY\`f'bØhn`]WY'gY]bž'Y]b  
gWYbY`Yg'i bX'YZZY\_h]j Yg'HfU]b]b[ 'ni a '5i ggWU'hYb'ni  
\UVYb""<cWY]bhYbg]j Yg'`bhYfj U`hfU]b]b[ 'fk ⇒HŁ'gc`XYb  
[ YgUa hYb'?ÖfdYf`YfUi gZcfXYfb'i bX'X]Y'`bhYbg]hÄhg[ fYbnYb  
ØVYfgWYfY]hYb""K Ä\fybX'X]Y'`bhYbg]hÄh\cWY'gY]b'gc`ž']ghYg  
j c``\_ca a Yb'Ub[ Ya YggYb'i bX'Ya dZY\`Ybgk Yfhž'g]WY'Ub'XUg  
9bYf[ ]Yb]j YUi 'i bX'#cXYf'X]Y'JYf'Yhni b[ Yb'Ubni dUggYbž'X]Y  
G]Y'a Ö[ `]WYfk Y]gY'\UVYb""8 Ug' < ⇒H!HfU]b]b[ '\_Ubb  
Ybhk YXYf'ghUf'\_cXYf'k ]f\_i b[ gUfa 'gY]b'cXYf'Y]bY  
?ca V]bUh]cb'Ui g'VY]XYb""8 Ug'Zc`[ YbXY' < ⇒H!HfU]b]b[ '\_Ubb  
]b'' \$ 'A ]bi hYb'UV[ YgWY`cggYb'k YfXYb'i bX'YfZcfXYfh'\_Y]bY  
ni gÄhn`]WY'5i gfØghi b[ "': U`g'ni hfYZZYbXž'\_ÖbbYb  
?i fn\UbhY'b'j Yfk YbXYh'k YfXYbž'i a 'VYgh]a a hYb', Vi b[ Yb  
5Vk YWYg'i b[ 'i bX' < YfUi gZcfXYfi b[ 'ni 'j Yf'Y]\Yb""8 ]Y  
/ Ua d^Y``]d/



Nk ]gWYb'5fVY]hž': Ua ]'Yž'5\_h]j ]hÄhYb'i bX'NY]hd`UbÄbXYfi b[ Yb  
\_Ubb'Yg'gY\`f'bØhn`]WY'gY]bž'Y]b'gWYbY`Yg'i bX'YZZY\_h]j Yg'HfU]b]b[  
ni a '5i ggWU'hYb'ni '\UVYb""<cWY]bhYbg]j Yg'`bhYfj U`hfU]b]b[

fK =HŁ'gc``XYb`[ YgUa hYb`? ÒfdYf`YfUi gZcfXYfb`i bX`X]Y  
=hYbg]hÀhg[ fYbnYb`ØVYfgWfY]hYb`"K À\fybX`X]Y`=hYbg]hÀh`cW  
gY]b`gc``ž]gh`Yg`j c``\_ca a Yb`Ub[ Ya YggYb`i bX`Ya dZY`Ybgk Yfhž  
g]Wf`Ub`XUg`9bYf[ ]Yb]j YUi`i bX`#cXYf`X]Y`J Yf`Yhni b[ Yb  
Ubni dUggYbž`X]Y`G]Y`a Ò[ `]WfYfk Y]gY`UVYb`"8 Ug`< =H!HfU]b]b[  
\_Ubb`Ybhk YXYf`ghUf`\_cXYf`k ]f\_i b[ gUfa`gY]b`cXYf`Y]bY  
?ca V]bUh]cb`Ui g`VY]XYb"

8 Ug`Zc`[ YbXY`< =H!HfU]b]b[ `\_Ubb`]b`" \$`A ]bi hYb`UV[ YgWf`cggYb  
k YfXYb`i bX`YfZcfXYfh`\_Y]bY`ni gÀhn`]WfY`5i gfØghi b[ "": U`g  
ni hfYZYbXž`\_ÒbbYb`?i fn`UbhY`b`j Yfk YbXYh`k YfXYbž`i a  
VYgh]a a hYb`, Vi b[ Yb`5Vk YWf`g`i b[ `i bX`<YfUi gZcfXYfi b[ `ni  
j Yf`Y]\Yb`"8]Y`, Vi b[ Yb`VUg]YfYb`Ui Z`NY]h`UbghUhh`Ui Z  
K ]YXYf`c`i b[ Ybž`XU`X]Y`]bX]j ]Xi Y`Yb`; YgWf`k ]bX][ \_Y]hYb`Y`bUWf  
: ]hbYggb]j YUi`j Uf]]YfYb"

5i Zk Àfa Yb.`: Ø\fyb`G]Y`ZØbZ`A ]bi hYb`6Yk Y[ i b[ `a ]h`a À»][ Yf  
=hYbg]hÀh`Ui gž`n`"6""nØ[ ][ Yg`; Y\Ybž`æ[ [ Yb`cXYf`: U\fyb`Y]bYg  
ghUh]cb`ÀfYb`: U\ffUXg`"9]bY`gWf`bY`Y`i bX`Y]bZUWfY`A Yh`cXYž`i a  
ZYghni ghY`Ybž`cV`G]Y`a ]h`a À»][ Yf`=hYbg]hÀh`UfVY]hYbž`]gh`X]Y  
J Yfk YbXi b[ `XYg`; YgdfÀWf`ghYghg`"K Ybb`G]Y`k À\fybX`XYg  
HfU]b]b[ g`VYei Ya`gdfYWf`Yb`cXYf`gdfYWf`Ybž`UVYf`b]Wf`h]g]b[ Yb  
\_ÒbbYbž`g]bX`G]Y`ÀWf`ghk U\fgWf`Y]b`]Wf`a À»][ `]bhYbg]j "

: Ø\fyb`G]Y`YXY`, Vi b[ `Y]bY`A ]bi hY`Ub[ `Xi fWf`ž`[ YZc`[ hj`cb`Y]bYf  
nk Y]a ]bØh][ Yb`9f`c`i b[ "8Yf`5fVY]ghY]`gc``hY`YfUi gZcfXYfbX  
i bX`XYb`bcWf`bUWf`U`h][ `gY]b`": Ø\fyb`G]Y`ZØf`XUg  
9f`c`i b[ ggY[ a Ybh`6Yk Y[ i b[ Yb`a ]h[ Yf]b[ Yf`=hYbg]hÀh`Ui gž`n`"6"  
`Ub[ gUa Yg`cXYf`[ Ya ÀWf`]Wf`Yg; Y\Yb`cXYf`Ub[ gUa Yg`æ[ [ Yb`  
8]Y`=XY]ghž`g]Wf`ni`Yf`c`Ybž`k À\fybX`a Ub`g]Wf`k Y]hYf`VYk Y[ h`"

6i hh`? ]W\_Yfg`fP`A ]bi hYŁ.`<c\Y`cXYf`b]YXf][ Y`=hYbg]hÀhž  
Vf]b[ Yb`G]Y`=fY`: YfgYb`V]g`ni`=fYb`; YgÀ»a i g\_Y`b`/&`A ]bi hYb  
fi`Yb`UggYb"



6Yf[ ghY][ Yf'fP%A ]bi hYL. ; Y\Yb'cXYf`Ui ZYb'G]Y'j cb'Y]bYf  
D`Ub\_Ybdcg]h]cb'Ui g'a ]h'XYb': Ø» Yb' ]b'F ]W\hi b[ '6fi gh"&'A ]bi hYb  
fi \Yb`UggYb"





5`hYfb]YfYbXYf`5i gZU``gWk f]hh'f%`A ]bi hYŁ. ; Y\Yb`G]Y`]b`Y]bY  
J cfk Åfhg!@cb[ Y`cXYf'gdf]b[ Yb`G]Y`ni a ` , VYf[ Ub[ `fbXYf'a UWXYb  
G]Y`Y]bY`?ca V]bUh]cb`j cb` ; YgWk k ]bX][ \_Y]hYbŁ/&`A ]bi hYb`fi \Yb  
`UggYb" : Ø[ Yb`G]Y`ZØf`Y]bY`Yf\Ø\hY`<YfUi gZc fXYfi b[ `<UbhY`!  
6]nYdg!@cW\_Yb`\]bni "



; Y\Yb`G]Y`ni a `@]Y[ YghØhn`f%`A ]bi hYŁ. `@[ Yb`G]Y`]a `GhY\Yb  
X]Y`<ÀbXY`Ui ZXYb`6cXYb`i bX`[ Y\Yb`G]Y`]b`Y]bY`D`Ub\_Ybdcg]h]cb"  
: Ø\fyb`G]Y`Y]bYb`8fi W`Ui Z`Àfy`NY\Yb`cXYf`?b]Y`Ui g`i bX`[ Y\Yb  
G]Y`XUbb`ni fØW`\_]b`Y]bY`ghY\YbXY`Dcg]h]cb" `&`A ]bi hYb`fi \Yb  
`UggYb"





< ]d`6f]X[ Y`hc`7fi bWΛ`fP%A ]bi hYŁ. `@Y[ Yb`G]Y`Ui g`g]hnYbXYf  
 Dcg]h]cb`a ]h`ZUWXYb` : Ø» Yb`Ui Z`XYa`6cXYb`X]Y`< ÅbXY`\\b]hYf`g]WΛ  
 Ui Z`XYb`6cXYb`"8fØW\_Yb`G]Y`]b`Y]bY`< ØZhVfØW\_Y`i bX`\\U`hYb`G]Y  
 ÆfYb`?cdZ`]b`5i gf]WΛhi b[ `a ]h`XYf`K ]fVY`gÅi `Y`"@UggYb`G]Y`X]Y  
 < ØZhYb`k ]YXYf`bUWΛ`i b]hYb`i bX`Xi fWΛ`ÆfY`< ÅbXY`ZU`Yb`ž`i a`X]Y  
 K ]fVY`gÅi `Y`ni `VYi [ Yb`f7fi bWΛŁ`&`A ]bi hYb`fi \\Yb`"UggYb`"



K YWΛ gY`bXY`7i fhgYm`@i b[ Yg`fP%A ]bi hYŁ. `6f]b[ Yb`G]Y`Y]b  
 6Y]b`ni fØW\_`]b`Y]bYb`5i gZU`gWΛf]h]b`Y]bYf`8]U[ cbU`Y`\\b]hYf`  
 ÆbYb`"< U`hYb`G]Y`X]Y`NY\\Yb`i bX`XUg`?b]Y`ÆfYg`JcfXYfVY]bg`]b  
 X]Y`[ `Y]WΛY`F]WΛhi b[ "`K ]YXYf`c`Yb`G]Y`X]Yg`Ui Z`XYf`UbXYfYb`GY]hY  
 i bX`fi \\Yb`G]Y`g]WΛ`XUbb`&`A ]bi hYb`Ui g` : Ø[ Yb`G]Y`ZØf`Y]bY  
 Yf\\Ø\\hY`< YfUi gZcfXYfi b[ `gY]h]WΛY`9f\\Ø\\i b[ Yb`XYf`< UbhY`\\]bni "





5V\_Ø\`Yb. ∴ Ø\fyb`G]Y`ZØbZ`A ]bi hYb`Ub[ `6Yk Y[ i b[ `i bX  
8Y\bi b[ `a ]h[ Yf]b[ Yf` ðhYbg]h`h`Xi fW` "

8Yb\_Yb`G]Y`XUfUbž`XUgg` < ð!HfU]b]b[ `ZØf`\_i fnY`NY]h`Y]bY  
]bhYbg]j Y`5bghfYb[ i b[ `VYXYi h`h`"; YVYb`G]Y`k Å\fybX` ðfyf  
Y]ba ]bØh[ Yb`5fVY]h`U`Ygž`i a `X]Y`9f[ YVb]ggY`ni `a Ul ]a ]Yfyb`i bX  
ðfy`F i \Y`ni `j YfX]YbYb` "

...

gd]f]Yfhj cb'579

8YhU]`g

6Ygi W\Yb`G]Y`i bg`Ui Z.`a Y]b!Z]hbYgg"bYh