

< i VgWÅ fUi VYf!9]bgUhn'i bX'G!6U\ b!  
8fUa U.'B]YbVi f[ ' ]b'5i ZfY[ i b[ °

5\_hi Y`Y'9fY][ b]ggY` ]b'B]YbVi f[ #K YgYf. <i VgWÅ fUi VYf!  
9]bgUhnž'G!6U\ b!9j U\_i ]Yfi b[ 'i bX'F YghUi fUbh!6fUbX'dfÅ[ Yb  
X]Y'B UWÅ f]WÅ hYb`U[ Y"

B]YbVi f[ ž'8Yi hgWÅ`UbX'!'5a` : fY]hU[ UVYbX'ghcddhY`Y]bY'G!  
6U\ b'Ui Z'cZYbYf'GhfYW\_Y`nk ]gWÅYb'B]YbVi f[ 'i bX'@]bgVi f[ ž  
k cXi fWÅ`Yhk U' \$ : U\ f[ ÅghY`[ Ynk i b[ Yb'k UfYbž'ØVYf'nk Y]  
Ghi bXYb`ja`Ni [ `ni`k UfhYbž'V]g'g]Y`Yj U\_i ]Yfh'k YfXYb`\_cbbhYb"  
8]Y'8Yi hgWÅY'6U\ b'i bX'HfUbgXYj`a`i gghYb`a` ]hY]bUbXYf  
\_ca`a`i b]n]YfYbž'VYj cf`X]Y` : Yi Yfk Y\ f`U`Ufa` ]Yfh'k i fXY" `HfUbgXYj  
\Uh'Ub[ Y\_ØbX][ hž'X]Y'9bhgWÅY]Xi b[ gk Y[ Y`ZØf'ni \_ØbZh][ Y  
9j U\_i ]Yfi b[ Yb'ni`j YfVYggYfbž'i`a` ]b`Å\ b`]WÅYb'G]hi Uh]cbYb  
gWÅbY`Yf'fYU[ ]YfYb'ni`\_ØbbYbž'k ]Y`X]Y'8]Y`< Uf\_Y`VYf]WÅ hYhY"

Ni gÅhn`]WÅ`k i fXY`Ua` [ `Y]WÅYb`HU[ `Y]b'6fUbX`ja`F YghUi fUbh` @U  
A UhU` ]b'B]YbVi f[ `fY[ ]ghf]Yfhž'k Yg\U`V`XUg`F YghUi fUbh  
j cfØVYf[ Y\YbX`[ YgWÅ`cggYb`k i fXY"K ]fh]b'5b`U`F Y[ i`d`Ubh`Y]bY  
K ]YXYfYfØZbi b[ `Ua`A ]hkcWÅž'X]Y`YXcWÅ`j ca`Ni ghUbX`XYg  
@c\_U`g`bUWÅ`XYa`'6fUbX`UV\Åb[ h`'8Ug`ni ghÅbX][ Y` ; Yk YfVYUa` h  
YbhgWÅY]XYh`Ua`'8]YbghU[ `ØVYf`X]Y`A`Ø[ `]WÅ\_Y]h`XYf  
K ]YXYfYfØZbi b[ "

; fc» Y]bgUhn`XYf` : Yi Yfk Y\ f`]b'6Yf`]b

9]bYb`UbXYfYb'G!6U\ b!J cfZU`` [ UV`Yg`Ua`A ]hkcWÅa`cf[ Yb`]b  
6Yf`]b"; Y[ Yb`%\$`&\$`i` \f`VfUWÅ`Y]b` : Yi Yf`]b`Y]bYf'G!6U\ b`XYf  
@]b]Y`G+`Ua`'6U\ b\cZ'6Y`Yj i Y`Ui g"J ]XYcg`Ui Z'GcW]U`A YX]U  
nY][ hYb`Y]bY`VfYbbYbXY`G!6U\ b`a` ]hFUi WÅž'XYf`Ui g`XYb  
[ YØZbYhYb`HØfYb`XfUb[ " : U\ f[ ÅghY`Zc\Yb`Ui g`XYa`VYhfcZYbYb

K U[ [ cb'i bX'Y]b][ Y'j Yfgi W hYb'YfZc`[ `cgž'XUg': Yi Yf'a ]h  
: Yi Yf`ÖgW Yfb'ni ``ÖgW Yb" '5i Z[ fi bX'XYf'G]hi Uh]cb'k i fXY'Y]b  
; fc» Y]bgUhn'XYf': Yi Yfk Y\ f'Ui g[ Y`Öghž'YXcW`\_cbbhYb'X]Y  
: `Ua a Yb'gW bY``[ Y`ÖgW h'k YfXYb" '9g[ UV`\_Y]bY'J Yf`YhnhYbž  
U`YfX]b[ g'k i fXYb'X]Y'G]mY'ja` K U[ [ cb'Xi fW'X]Y'<]mY'ghUf\_  
VYgW ÅX][ h" '9]bY`\*` !Å\ f][ Y': fUi`k i fXY'ZYgh[ Ybca a YbžX]Y'ja  
J YfXUW h'ghY\ hž'XUg': Yi Yf'[ Y'Y[ h'ni` \UVYb" 'NYi [ Yb'VYf]W hYbž  
XUgg'ni bÅW gh'Y]b'F c`Uhc f' ]b': `Ua a Yb'Ui Z[ Y[ Ub[ Yb'gY]b'gc``"  
8]Y[ YbUi Yb' i a ghÅbXY'XYg'6fUbXYg'g]bX'YXcW`bcW`i b`Uf"  
8]Y'ZYgh[ Ybca a YbY': fUi`k i fXY'XYa`@UbXYg\_f]a ]bU`Ua h  
ØVYfghY`hi bX'k ]fX'gW k YfYb'6fUbXgh]Zhi b[ `VYgW i`X][ hž'k ]Y'6]`X  
VYf]W hYhY"

⇒ k Y]hYfYb'BUW f]W hYb'k i fXY'Y]b'<i VgW fUi VYf!H]YZZi [ ]b  
DYbb][ gY\`Xi fW [ YZØ\fhž'i a`J c f gY]Y`ZØf'X]Y`Ghfca hfUggY`GhUXY!  
@UbXYgVYf[ Yb'Y]bni Z]Y[ Yb" '8]YgY`A U» bU\ a Y'gc``XUni  
VY]hfU[ Ybž'XUgg'X]Y`@Y]hi b[ `V]g'9bXY`&\$&\*`Ub g'BYhm`[ Y\Yb`\_Ubb"  
⇒ XYf`\_ca a YbXYb'K cW Y'k YfXYb'X]Y`Ghfca`Y]hi b[ Yb'Ui Z) \$  
A YhYf`\c\Y`A UghYb`[ Ync[ Yb"

8 UfØVYf`\]bUi g'd`Ubh'X]Y'; Ya Y]bXY`Ghc`nYbUi`i a ZUb[ fY]W Y  
GUb]Yfi b[ gUfVY]hYb'Ub'; Ya Y]bXYghfU» Ybž; Y\k Y[ Yb'i bX  
5gd\U`hXYW\_Ybž'X]Y'Y]b`⇒j Ygh]h]cbgj c'i a Yb'j cb'fi bX" `A ]``cbYb  
9i fc'i a ZUggYb" '8]Y'5fVY]hYb'gc``Yb'ZfØ\YghYbg'ja`A U]VY[ ]bbYb  
i bX'k YfXYb'a ]h'Y]bgdi f][ Yf'J Yf\_Y\fgZØ\fi b[ `Xi fW [ YZØ\fh" '8Yg  
K Y]hYfYb'k ]fX'XUg'; ÅghY\Ui g'ja`FYghUi fUbh'9d\Ygi g`]b  
8fU\_YbVi f[ `Yfk Y]hYfhž'i a`XYf`\c\Yb'BUW ZfU[ Y'j cb  
F UXhci f]ghYb`[ YfYW h'ni`k YfXYbž']bgVYgcbXYfY`bUW`XYa  
6Ygi W`j cb': YfbgY\`cW': fUb`\_F c g]b" '8]Y': Yfh][ ghY`i b[ `XYg  
bYi Yb'; ÅghY\Ui gYg']ghZØf'ž`][ Yd`Ubh"

8 YhU]`g	
J c fZU``	6fUbXž'B chZU``
I fgUW Y	6fUbX`Y[ i b[ žI b`_Uf
C fh	B]YbVi f[ ž'8Yi hgW`UbX
: YghbU\ a Yb	%
E i Y`Yb	• k k k "X]Y\Uf_Y"XY

8YhU]`g

- k k k "V]`X"XY

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