

GWk YfYf'J Yf\_Y\ fgi bZU``]b '? Ò\ fU.  
: U\ fYf'bUWk '7fUg\ 'gWk Yf'j Yf`Yhnh

GWk YfYf'I bZU``VY]:'@Y]dn][ . 'J K 'Hci UfY[ 'a ]h'5b\Àb[ Yf  
fi hgWk'hj cb'XYf'G' , "': U\ fYf'Y]b[ Y\_'Ya a hž, '\$\$\$\$'9i fc  
GWUXYb"

⊕'XYf'[ Yghf][ Yb'BUWk'h\_Ua 'Yg'ni 'Y]bYa 'XfUa Uh]gWYb  
J Yf\_Y\ fgi bZU``]a '6Y'[ Yfg\U]bYf'C fhghY]'? Ò\ fUž'XYf'[ Y[ Yb'&%  
I \f'ZØf'5i ZFY[ i b[ 'gcf[ hY''9]b'' (!\À\ f][ Yf'A Ubbž'XYf'\]bhYf'XYa  
GhYi Yf'Y]bYg'J K 'Hci UfY[ 'gU» žj Yf'cf'X]Y'? cbhfc``Y'ØVYf'gY]b  
: U\ fnYi [ "'@Ui h'5i ggU[ Yb'XYf'Dc`nY]'dUgg]YfhY'XUg'I b[ 'ØW\_  
Ui Z[ fi bX'i bUb[ YdUgghYf'; YgWk ]bX][ \_Y]hž'U'g'XYf': U\ fYf'Ui g  
Y]bYf'@]b\_g\_i fj Y' [ Yf]Yhi bX'X]Y'? cbhfc``Y'ØVYf'XYb'K U[ Yb'j Yf'cf"

8Yf'J K 'Hci UfY[ ž'Ui g[ YghUhhY'h'a ]h'Y]bYa '5b\Àb[ Yfž'fi hgWk'hY  
j cb'XYf'GhfU» Y'i bX'Xi fWkVfUWk'XUVY]'Y]bYb'NUi b''8Yf'5i ZdfU``  
k Uf'gc'\YZh][ ž'XUgg'XYf': U\ fYf'ja ': U\ fnYi [ ]bbYfYb'Y]b[ Y\_'Ya a h  
k i fXYž'k Ug'Y]bY'gcZcfh][ Y'FYU\_h]cb'XYf'9]bgUhn\_fÀZhY'YfZcfXYfhY"  
: Yi Yfk Y\ f'Yi hYž'X]Y'gWk'bY``ni f'I bZU``ghY``Y' [ Yfi ZYb'k i fXYbž  
a i gghYb'hÀh][ 'k YfXYbž'i a 'XYb'GWk Yfj Yf`YhnhYb'ni 'VYžFY]Yb"  
8Yf'Ni ghUbX'XYg'A UbbYg'k Uf'gc'\_f]h]gWkž'XUgg'Yf'i a [ Y\YbX'a ]h  
Y]bYa 'FYhhi b[ gk U[ Yb']bg'? fUb\_Yb\Ui g'hfUbgdcfh]Yfh'k YfXYb  
a i gghY"

I fgUWk Y'i bX': c`[ Yb'XYg'I bZU``g

8]Y'J cfi bhYfgi Wk i b[ Yb'XYf'Dc`nY]'nY][ Ybž'XUgg'i bUb[ YdUgghY  
; YgWk ]bX][ \_Y]h]b'j Yfv]bXi b[ 'a ]h'XYf'gdYn]Z]gWYb  
?i fj Yb[ Yca Yhf]Y'XYf'G' , ž'k c'XYf'I bZU``ghUhh[ YZi bXYb'\Uhž'XYf  
<Ui dh[ fi bX'ZØf'X]YgYg'VYXUi Yf']WkY'9fY][ b]g'k Uf''I bZU``UbU`mgYb  
cZi'nY][ Ybž'k ]Y'YbhgWkY]XYbX'Y]bY'Ub[ Ya YggYbY

; YgWk ]bX][ \_Y]h]ghžj cf`U`Ya `]b`?i fj Ybž`i a `X]Y`GhUV]`hÅhi bX  
?cbhfc`Y`ØVYf`Y]b` : U\fnYi [ `ni `VYk U\fyb"

8]Y`GUWk gWk ÅXYb`VY`Ui ZYb`g]Wk`Ui h`YfghYb`GWk Åhni b[ Yb`Ui Z  
Yhk U`, "\$\$\$\$`9i fc" `8 Ug`c`Y`GWk UXYbgj c`i a Yb`\_`ÖbbhY`]b  
a Y\fyfYb`6YfY]Wk Yb`5i gk ]f`\_i b[ Yb`UVYbž`gck c`U`ZXYb  
: U\fyf`U`g`Ui Wk`Ui Z`X]Y`J Yfg]Wk Yfi b[ g[ YgY`gWk UZhYb`Gc`Wk Y  
Gi a a Y`j YfXYi h]Wk hž`k ]Y`\_cghgd]Y`][ `gY`Vgh`Y]b`Y]bn][ Yf`A ca Ybh  
i bUi Za Yf\_gUa Yf` : U\fk Y]gY`gY]b`\_Ubb"

- : U\fyf.` ( `Y\fy`U`h
- : U\fnYi [ .`JK `Hci UfY[ `a ]h`5b`Åb[ Yf
- I bZU`cfh`6Y`[ Yfg`U]bYf`C fhghY` `?`Ö\fuž`G` ,
- NY]hdi b\_h`8]YbghU[ UVYbXž`\_i fn`bUWk`&%`I` \f
- GWk UXYb.`Yhk U`, "\$\$\$\$`9i fc

## ÿ`b`]Wk Y`i bZÅ`Y`i bX`J Yf`\_Y`f`gg]Wk Yf`Y]h

8]YgY`5fh`j cb`J cfZÅ`Yb`k ]fZh`Y]b`@]Wk h`Ui Z`X]Y`Yf`Ö`hYb`F]g]\_Yb  
]a`GhfU»Ybj Yf`\_Y`fž`]bgVYgcbXYfY`VY`]i bj cfg]Wk h[ Yf` : U\fk Y]gY`  
9g]gh`Y]b`Y]bXf]b[ `]Wk Yf`5ddY`U`b`U`Y`J Yf`\_Y`fghY`]bY`a Yfž`X]Y  
Y][ YbY` ; YgWk ]bX][ \_Y]h`Ubni dUggYb`i bX`X]Y`6YX]b[ i b[ Yb`XYf  
GhfU»Y`ni `VYfØW\_g]Wk h[ Yb`"8]Y` ; YZU`fYb`j cb  
; YgWk ]bX][ \_Y]hgØVYfgWk fY]hi b[ Ybž`VYgcbXYfg`]b`gWk UfZYb  
?i fj Ybž`g]bX`b]Wk h`bi f`ZØf`X]Y`VYhfcZZYbYb` : U\fyf`Y]bY`YfbghY  
5b[ Y`Y[ Yb`Y]hž`gcbXYfb`VYhfYZZYb`Ui Wk`UbXYfY  
J Yf`\_Y`fghY`]bY`a Yf`i bX` : i » [ Åb[ Yf"

8]Y`?ca V]bUh]cb`Ui g`Y]bYa`gWk YfYb` : U\fnYi [ `i bX`Y]bYa  
5b`Åb[ Yf`ghY`h`ni gÅh`]Wk Y`<YfUi gZcfXYfi b[ Yb`Ub`X]Y`G]Wk Yf`Y]h  
]a`GhfU»Ybj Yf`\_Y`f"8]Y`J YfUbhk cfh`]Wk Yb`g]bX`Ui Z[ Yfi ZYbž  
A U»bU`a Yb`ni f`GYbg]V`]g]Yfi b[ `ZØf`J Yf`\_Y`f`gg]Wk Yf`Y]h`ni  
Yf[ fY]ZYbž`i a `Å`b`]Wk Y`hfU[ ]gWk Y`9fY][ b]ggY`]b`XYf`Ni`\_i bZh`ni  
j Yf`Y]bXYfb"

⇒XYf`HUh`\_ÖbbhYb`fY[ Y`a Å»][ Y`GWk i`i b[ Yb`i bX  
5i Z`Åfi b[ gdfc[ fUa a Y`ZØf` : U\fyfž`X]Y`gWk YfY` : U\fnYi [ Y`cXYf  
5b`Åb[ Yf`ZØ`fYbž`j cb`VYXYi hYbXYa`Bi`hYb`gY]b`"a` : U`XYg

[ Yghf][ Yb`l bZU`g]gh`XYf: U\fyf[ `ØW\_]W\Yfk Y]gY`Ua `@YVYbž`UVYf  
Yg`Yf]bbYfhi bg`U`Y`XUfUbžk ]Y`k ]W\h][ `Yg]ghž`ghYhg`k UW\gUa `i bX  
j YfUbhk cfhi b[ gVYk i ggh`\]bhYf`XYa `GhYi Yf`ni `gY]b"

9g`V`Y]Vh`UVni k UfhYbžk Y`W\Y`k Y]hYfYb` ðZcfa Uh]cbYb`X]Y`Dc`]nY]  
]b`XYb`\_ca a YbXYb`HU[ Yb`j YfØZZYbh]W\Yb`k ]fX""8]YgY`\_ØbbhYb  
[ YbUi YfY`9]bV`]W\_Y`]b`X]Y`l a gh`AbXY`XYg`l bZU`Yg`i bX`Yj Ybhi Y`Y  
A U» bU\`a Yb`ni f`J YfVYggYfi b[ `XYf`J Yf\_Y\fgg]W\Yf\Y]h`XYf  
FY[ ]cb[ ]YVYb""8Yf`5i g[ Ub[ `X]YgYg: U`Yg`\_ØbbhY`XU\Yf`ZØf`X]Y  
[ YgUa hY`; Ya Y]bgW\UZh] cb` ðhYfYggY`gY]b"

## 5 \_hi Y`Y`J Yf\_Y\fgg]W\Yf\Y]hgghUh]gh]\_Yb

ð`8Yi hgW\`UbX`g]bX`J Yf\_Y\fgi bZ`Y`Y]bY`Yfbgh\UZhY  
5b[ Y`Y[ Yb\Y]h""@Ui h`XYf`GhfU» Ybj Yf\_Y\fg!NYbhfU`ghUh]gh]\_`XYg  
6i bXYga ]b]ghYf]i a g`ZØf`J Yf\_Y\fi bX`X][ ]hU`Y` ðZfUghfi \_hi f`f`bA J ð  
YfY][ bYhYb`g]W\`ja `]U\f`&\$&&]bg[ YgUa h`Yhk U`&ž`A ]`]cbYb  
J Yf\_Y\fgi bZ`Y`Y""8UVY]k i fXYb`a Y\`f`U`g` "\$"\$"\$A YbgW\Yb  
j Yf`Yhnhž`i bX`hfU[ ]gW\Yfk Y]gY`ghUfVYb`ØVYf`&") "\$`A YbgW\Yb"  
8]YgY`NU\`Yb`j YfXYi h]W\Yb`X]Y`K ]W\h][ \_Y]h]j cb  
J Yf\_Y\fgg]W\Yf\Y]hga U» bU\`a Yb`i bX`X]Y`Bchk YbX][ \_Y]hž  
i bUb[ YdUgghY`; YgW\k ]bX][ \_Y]hYb`ni `j Yfa Y]XYb`i bX`XYb  
GhfU» Ybj Yf\_Y\fg]W\Yf`ni `[ YghU`hYb""GW\`Åhni b[ Yb`ni Zc`[ Y`g]bX  
Yhk U` \$`i `XYf`l bZ`Y`Y`Ui ZØVYf\Ø`hY`; YgW\k ]bX][ \_Y]h  
ni fØW`ni ZØ\fybžk Ug`X]Y`; YZU\fyb`\Yfj cf\YVhž`X]Y`Xi fW\  
i bj cfg]W\h][ Yg: U\fyb`YbhghY\Yb`\_ØbbYb"

; YgYhn`]W\Y`F Y[ Y`i b[ Yb`i bX  
J Yf\_Y\fgg]W\Yf\Y]h

ð`8Yi hgW\`UbX`[ ]Vh`Yg`ghfYb[ YfY`FY[ Y`i b[ Yb`ZØf  
; YgW\k ]bX][ \_Y]hgØVYfgW\fy]hi b[ Yb`i bX`i bg]W\Yfy: U\fk Y]gYb"  
8]Y`GhfU» Ybj Yf\_Y\fgcfXbi b[ `fGh] C`E`Y[ h`ZYghž`XUgg: U\fyf`\fy  
; YgW\k ]bX][ \_Y]h`XYb`GhfU» Yb!`i bX`K ]hYfi b[ gj Yf\`Å`hb]ggYb  
UbdUggYb`a ØggYb""6Y]`J YfghØ» Yb`Xfc\Yb`cZi`6i » [ Y`XYf`i bX  
Di b`hY`]b: `YbgVi f[ ""8]YgY`A U» bU\`a Yb`gc`Yb`b]W\h`bi f`X]Y  
J Yf\_Y\fgg]W\Yf\Y]h`Yf\Ø`Ybž`gcbXYfb`Ui W\`XUg`6Yk i gghgY]b`XYf

5i hcZU\ fYf'ZØf'g]W\ YfYg': U\ fYb'ghÅf\_Yb"5i » YfXYa 'Ui ZYb  
fY[ Y'a Å»][ '?Ua dU[ bYb'ni f'GYbg]V']g]Yfi b[ 'ZØf'X]Y'; YZU\ fYb  
j cb'ØVYf\ Ò\ hYf'; YgW\ k ]bX][ \_Y]hi bX'5V`Yb\_i b[ 'Ua 'GhYi Yfž  
]bgVYgcbXYfY'Ui Z'@UbXghfU» Ybž'k c'X]Y'I bZU`f]g]\_Yb'\Åi Z][ '\Ò\Yf  
g]bX"

: c`[ Yb'i bX'A U» bU\ a Yb'bUW\  
J Yf\_Y\ fgi bZÅ`Yb

B UW\ `Y]bYa 'gW\ k YfYb'I bZU`k ]Y`XYa 'j]b'? Ò\ fU'ghY\ Yb'cZhib]W\ h  
bi f'† f]gh]gW\ Yž'gcbXYfb'Ui W\ 'dgmW\ c`c[ ]gW\ Y'i bX'gcn]U`Y  
'?cbgYei YbnYb'ja 'FUi a "'8]Y'fYhhYbXYb'A U» bU\ a Yb'XYf  
: Yi Yfk Y\ fž'UVYf'Ui W\ 'X]Y'a YX]n]b]gW\ Y'J Yfgcf[ i b[ 'g]bX  
YbhgW\ Y]XYbXž'i a 'XUg', VYf'YVYb'XYg'J Yf'YhhYb'ni 'g]W\ Yfb"  
Ni gÅhn`]W\ 'ni 'XYb'd\ mg]gW\ Yb'J Yf'Yhni b[ Yb'\UVYb'j ]Y`Y  
I bZU`cdZYf'Ui W\ 'a ]h'Ya ch]cbU`Yb'i bX'dgmW\ c`c[ ]gW\ Yb  
B UW\ k ]f\_i b[ Yb'ni '\_Åa dZYb"l bhYfghØhni b[ 'Xi fW\ ': UW\ `Yi hYž'k ]Y  
DgmW\ c`c[ Yb'i bX'Gcn]U`UfVY]hYfž'k ]fX'\Åi Z][ 'bchk YbX][ ž'i a 'XYb  
C dZYfb'VY]'XYf'J YfUfVY]hi b[ '\fYf'9f'YVb]ggY'ni '\Y`ZYb"

8]Y'F Y\ UV]j]hUh]cb'i bX'XYf'K ]YXYfUi ZVUi 'XYf'@YVYbgei U`hÅh'g]bX  
Ubgdfi W\ gj c``i bX'VfUi W\ Yb'NY]h"< ]YfVY]'gd]Y`Yb'Ui W\ 'X]Y  
[ YgY`gW\ UZi]W\ Yb'i bX'ZJa ]]ÅfYb'BYhmk Yf\_Y`Y]bY'k ]W\ h][ Y'F c``Y  
VY]a '<Y]'i b[ 'gdfcnYgg"≠]h]Uh]j Yb'ni f'J YfVYggYfi b[ 'XYf  
J Yf\_Y\ fgg]W\ Yf\ Y]hi bX'ni f'J Yfa Y]Xi b[ 'gc`W\ Yf'I bZÅ`Y'a ØggYb  
k Y]hYf\ ]b[ ]YZØfXYfh'k YfXYbž'i a 'XUg'6Yk i gghgY]b ]b'XYf  
6Yj Ò`\_Yfi b[ 'ni 'Yf\ Ò\ Yb'i bX'X]Y'NU\`XYf'J Yf\_Y\ fgi bZÅ`Y  
'Ub[ Zf]gh][ 'ni 'fYXi n]YfYb"

9]bY'k Yfhj c``Y'≠Zcfa Uh]cbgei Y``Y'ZØf'H\Ya Yb'fi bX'i a  
J Yf\_Y\ fgg]W\ Yf\ Y]hi bX'I bZU`dFÅj Ybh]cb'ghY`h'XUg'8Yi hgW\ Y  
≠gh]hi h'ZØf'Bcfa i b[ 'Y"J "'fB ≡B'XUf"'8]YgYg'≠gh]hi h'VYgW\ ÅZh][ h  
g]W\ 'a ]h'XYf'9bhk ]W\_ i b[ 'j cb'GhUbXUfXgž'X]Y'Ui W\  
g]W\ Yf\ Y]hgY`Yj UbhY'5gdY\_hY]a 'GhfU» Ybj Yf\_Y\ f'i a ZUggYb"'A Y\ f  
≠Zcfa Uh]cbYb'XUni 'g]bX'Ui ZXYf'cZ]n]Y``Yb'K YVgY]hY'XYg'8 ≡B'ni  
Z]bXYb"

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