

A ]h'6Y[ Y]ghYfi b[ ']'b'XYf'6UW\_g hi VY.  
? ]bXYf[ UfhYb 'Yb hXYW\_h' < UbXk Yf\_

⇒ '?' ]bXYf\Ui g'Gh''5b hcb' ]b' A Òb]b[ 'Yb hXYW\_Yb  
J c f g W i `\_]bXYf'VY]a 'K YhVYk YfV' ?'Y]bY' < ÅbXYž' [ fc» Y  
Ni \_i bZh 'X]Y'K Y'h'XYg' < UbXk Yf\_g"

8 Yf'?' ]hU!K YhVYk YfV 'U`g'HØfÒZZbYf'ZØf  
< UbXk Yf\_gVYfi ZY

&\*"\$+ "&\$&(< 'BYi a Uf\_h#@UbX\_fY]g"

⇒ 'A Òb]b[ žY]bYa ' \_Y]bYb'GhUXhY]' ]a '@UbX\_fY]g'BYi a Uf\_h]b'XYf  
C VYfdZU'nž\UVYb'?' ]bXYf'XYg'?' ]bXYf\Ui gYg'Gh''5b hcb' \_Øfn`]W  
U\_h]j 'Ub'Y]bYa 'Vi bXYgk Y]hYb'K YhVYk YfV'hY]' [ Ybca a Ybž'XYf  
g]W' ]b hYbg]j 'a ]h'XYb': Ugn]bUh]cbYb'XYg' < UbXk Yf\_g  
Ui gY]bUbXYfgYhnh''N]Y'XYf'⇒ ]h]Uh]j Y' ?'Y]bY' < ÅbXYž' [ fc» Y  
Ni \_i bZh ' ]ghYgž'X]Y'6YXYi hi b[ '\UbXk Yf\_]WYf'6Yfi ZY'VYfY]hg' ]b  
XYf'ZfØ\Yb'?' ]bX\Y]h'ni 'j Yfa ]hY'b''

DfU\_h]gWY'9]bV`]W\_Y']b'X]Y'K Y'h'XYg  
< UbXk Yf\_g

⇒ 'FU\ a Yb'XYg'K YhVYk YfVg'VYgi W'hYb'X]Y'?' ]bXYf[ UfhYb\_]bXYf  
[ Ya Y]bgUa 'a ]h'\fYb'9fn]Y\Yf]bbYb'Y]bY''c\_U'Y'6ÅW\_YfY]'8]YgY  
dfUI ]gbU\Y'9fZU\fi b[ 'Yfa Ò[ ' ]W'hYg'XYb'?' ]bXYfbž'X]Y  
j YfgW]YXYbYb'6Yfi ZY'XYg' < UbXk Yf\_g'X]fY\_h'ni 'Yf'VYb''8]Y  
X]fY\_hY'5i gY]bUbXYfgYhni b[ 'a ]h'XYa ' < UbXk Yf\_'ZØfXYfh'b]W'h'bi f  
X]Y'?'fYUh]j ]hÅhž'gcbXYfb'Ui W'XUg'⇒ hYfYggY'XYf'?' ]bXYf'Ub  
a Ò[ ' ]WYb'ni \_ØbZh] [ Yb'6Yfi ZgZY'XYfb''5bgW' ]Y» YbX' [ YghU'hYhYb  
X]Y'?' ]bXYf'Y]b [ fc» Yg'DcghYfž'Ui ZXYa 'g]Y ]\fY'9f'YVb]ggY'i bX

9]bXfØW\_Y`ZYgh\jY`hYb"

K YfhgWÅhni b[ `Xi fWÅ `X]Y

< UbXk Yf\_g\_Ua a Yf

; Yf\UfX`l `a žJ]nYdfÅg]XYbh`XYf`< UbXk Yf\_g\_Ua a Yf  
B]YXYfVUmYfb!C VYfdZU`nž`VYgi WÅhY`X]Y`† b[ Yb`HY]`bY\`a Yf`bUWÅ  
]\fYa `6ÅW\_YfY]VYgi WÅ`i bX`VfUWÅhY`Y]b`6fYnYb!: fØ\ghØW\_`a ]h``9f  
`cVhY`XUg`9b[ U[ Ya Ybh`XYf`? ]bXYf`i bX`XYf`9fn]Y\`Yf`ZØf`XYb  
K YhhVYk YfV.` 8]Y`? ]bXYf`g]bX`a ]h`gc`j ]Y`9]ZYf`XUVY]i bX`\UVYb  
X]Y`A Ò[ `]WÅ\_Y]hž`< UbXk Yf\_gVYfi ZY`gd]Y`Yf]gWÅ`\_YbbYbni `YfbYb " "  
8]YgY`9fZU\fi b[ Yb`g]bX`b]WÅh`bi f`k Yfhj c``ZØf`X]Y`? ]bXYf`gY`Vghž  
gcbXYfb`Ui WÅ`ZØf`X]Y`k Y]hYfYb`6Ya Ø\i b[ Ybž`< UbXk Yf\_`i bX  
6]Xi b[ `ni `j Yf\_bØdZYb"

9]b`K YhhVYk YfV`a ]h`Ub[ Zf]gh][ Yf`K ]f\_`i b[

8Yf`? ]hU!K YhhVYk YfVž`XYf`]b`X]YgYa `:U\`f`VYfY]hg`gY]bY`nk Ò`ZhY  
5i ZU[ Y`ZY]Yfhž`k ]fX`j cb`XYf`5\_h]cb`A cXYfbYg`< UbXk Yf\_`Y"J "  
fBÅ < Ł`cf[ Ub]g]Yfh"i bhYfghØhnhj cb`j YfgWÅ ]YXYbYb  
< UbXk Yf\_g\_Ua a Yfb`i bX`⊖bi b[ Yb`ZFYi h`g]WÅ`X]Y`⊖]h]Uhj Y`ØVYf  
X]Y`6Y[ Y]ghYfi b[ `hUi gYbXYf`? ]hU!`? ]bXYfž`X]Y`Xi fWÅ`gc`WÅY  
5\_h]cbYb`]bgd]f]Yfh`k YfXYbž`g]WÅ`a ]h`\UbXk Yf\_`]WÅYb`6Yfi ZYb`ni  
VYgWÅÅZh][ Yb" : Øf`X]Y`\_fYUhj ghYb`6Y]hfÅ[ Y`k ]b\_h`Y]b`DfY]gž`XYf  
XYb`? ]bXYfb`i bX`XYa `? ]bXYf[ UfhYb`X]Y`A Ò[ `]WÅ\_Y]h`V]YhYhž`Y]b  
: Ygh`cXYf`Y]bYb`Dfc`Y`hhU[ `fi bX`i a `XUg`H\Ya U`< UbXk Yf\_`ni  
j YfUbgH`hYb"

8 Yf`9]bZ`i gg`Ui Z`X]Y` ; Ya Y]bgWÅ UZh

Gc`WÅY`K YhhVYk YfVY`g]bX`b]WÅh`bi f`k ]WÅh][ `ZØf`X]Y`]bX]j ]Xi Y`Y  
: ØfXYfi b[ `XYf`? ]bXYf`"G]Y`hfU[ Yb`Ui WÅ`XUni `VY]ž`XUg`< UbXk Yf\_  
]b`XYf` ; YgY`gWÅ UZh]g]WÅhVuf`ni `a UWÅYb`i bX`ni \_ØbZh][ Y  
; YbYfUh]cbYb`ZØf`X]Y`nU\`fY]WÅYb`A Ò[ `]WÅ\_Y]hYb`ni  
gYbg]V`]g]YfYbž`X]Y`\UbXk Yf\_`]WÅY`6Yfi ZY`V]YhYb"8]Y`Yb[ Y  
Ni gUa a YbUfVY]h`j cb`? ]bXYf[ ÅfhYb`a ]h`< UbXk Yf\_gVYhf]YVYb  
\_Ubb`Ub[ Zf]gh][ Y`dcg]h]j Y`9ZY`\_hY`ZØf`X]Y`[ YgUa hY` ; Ya Y]bgWÅ UZh

\ UVYbž]bXYa`g]Y`b]W\h`bi`f` : UW\\_f`Z`hY`Ui`gV]`XYhž`gcbXYfb`Ui`W\`  
XUg`6Yk`i`gghgY]b`ZØf`fY[ ]cbU`Y`<UbXk`Yf\_g\_i`bghigh`f`h`"

·`B`5;

8`Y`hU]`g`

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