

Ghfc a Ui gZU```]b`XYb`? U]gYfVÀXYfb.  
HUi gYbXY`< Ui g\ U`hY`VYhfc ZZYb

Ghfc a Ui gZU```]b`XYb`? U]gYfVÀXYfb`Ui Zl gYXca` .`HUi gYbXY  
< Ui g\ U`hY`VYhfc ZZYb žl fgUWY`i b\_`Uf" `Bchj Yfgcf[ i b[ `ZØf  
a YX]n]b]gWY` ; YfÀhY`Y]b[ Yf]W hYh"

GhUbX.`&(" \$ + " & \$ & ( ` % % . \$ \* ` l \ f`

Ghfc a Ui gZU```]b`XYb`? U]gYfVÀXYfb.`9]bY  
< YfUi gZcfXYfi b[ `ZØf`X]Y` ; Ya Y]bgW UZh

⊕`XYb`ZfØ\Yb`A cf[ Ybghi bXYb`XYg`&(" ' † ' ] & \$ & ( `Yf`YVhYb`X]Y  
? U]gYfVÀXYf`Ui Zl gYXca`Y]bYb`i bYfk UfhYhYb`Ghfc a Ui gZU``ž`XYf  
hUi gYbXY`< Ui g\ U`hY`]a`@UbX\_`fY]g`J cfdca`a Yfb! ; fY]Zgk U`X  
VYhfUZ" `8 Yf`9bYf[ ]Yj Yfgcf[ Yf`9"8`G`5 ; `VYghÀh][ hY`XUg`5i ga U»  
XYg`J cfZU``gž`XYggYb`[ YbUi Y`l fgUWY`V]g\Yf`i b\_`Uf`V`Y]Vh" `8 ]YgY  
G]hi Uh]cb`k ]fZh: fU[ Yb`ni f`F Yg]`Ybn`XYf`⊕ZfUghfi`\_hi`fi bX`ni`XYb  
BchZU``ghfUHY [ ]Yb`]b`ÀbX`]WYb` ; YV]YhYb`Ui Z"

BchZU```a U» bU\ a Yb`i bX`l bhYfghØhni b[ `ZØf  
6Yhfc ZZYbY

8]Y`6Øf[ Yfa Y]ghYf]b`j cb`< Yf]b[ gXcfZž`@Ui fU`gUVY``Y`A Uf]g\_Ybž  
]bZcfa ]YfhY`XUfØVYfž`XUgg`X]Y`FYhhi b[ gX]YbghY`i bX` ; Yi Yfk Y\ fYb  
]a`6Øfc[ YVÀi XY`Y]bgUhnVYfY]h]g]bX`i bX`Xi fW`Y]b  
Bchghfca U[ [ fY[ Uh`i bhYfghØhnh`k YfXYb" `8 ]YgY  
Bchghfca j Yfgcf[ i b[ ` \_Ubb`\_f]h]gWY`8 ]YbghY`ZØf`V]g`ni`&(   
Ghi bXYb`Ui ZfYW hYf\ U`hYb" `6Ygc bXYfg`VYgcf[ b]gYffY[ YbX`]gh`X]Y  
@U[ Y`ZØf`DYfgcbYbž`X]Y`Ui Z`a YX]n]b]gWY` ; YfÀhY`ž`k ]Y  
GUi YfghcZ[ YfÀhY`ž`Ub[ Yk ]YgYb`g]bX" `8 ]YgY`A YbgWYb`\_ØbbYb

<]ZY'Ub'XYf'FYhhi b[ gk UWXY']b'<Yf]b[ gXcfZ'gi WYbž'k c'g]Y'a ]h  
Ghfca 'j Yfgcf[ h'k YfXYb"

## GhØfi b[ Yb']a '?ca a i b]\_Uh]cbggmghYa

Ni gÀhn`]W'ni a 'Ghfca Ui gZU``g]bX'Ui W'X]Y  
'?ca a i b]\_Uh]cbg\_UbÀ`Y'VYhfcZYb"8Yf'GYbXYf']b'<Yf]b[ gXcfZ'\Uh  
Ui Z[ fi bX'XYg'5i gZU``g'GWk ]Yf][ \_Y]hYb']ja 'FUX]cYa dZUb[ "'<ØfYf  
k YfXYb'XUni 'Ub[ Y\U'hYbž'U'hYfbUh]j Y': fYei YbnYb'ni 'j Yfgi WYb  
cXYf'cb`]bY'Ui ZFUX]cdfc[ fUa a Y'ni [ fY]ZYb"8]YgY  
9]bgWfÀb\_i b[ Yb'\_ØbbYb'X]Y'ϕZcfa Uh]cbg'U[ Y'XYf'6YhfcZYbYb  
]b'Y]bYf'?f]gYbg]hi Uh]cb'k Y]hYf'VY'UghYb'i bX'j YfXYi h]WYb'X]Y  
5V\Àb[ ][\_Y]h'XYf'; Ya Y]bgWUZh]cb'ghUV]'Yb  
J Yfgcf[ i b[ gX]YbghY]ghi b[ Yb"

## 8]Y'6YXYi hi b[ 'dfÀj Ybh]j Yf ϕZfUghfi \_hi fa U» bU\ a Yb

8]YgYf'J cfZU``a UW'h'X]Y'J ]hU'hÀhi bX'K ]W'h][ \_Y]h'dfÀj Ybh]j Yf  
ϕZfUghfi \_hi fa U» bU\ a Yb']b'ÀbX']WYb'FY[ ]cbYb'XYi h]W'"8]Y  
: À\][ \_Y]hž'Ui Zi bYfk UfhYhY'9fY][ b]ggY'k ]Y'Ghfca Ui gZÀ`Y'gWbY``  
ni 'fYU[ ]YfYbž']gh'YbhgWY]XYbX'ZØf'XYb'GWi hni bX'XUg  
K c\`VYZ]bXYb'XYf'7ca a i b]hm"8]Y'j YfUbhk cfh]WYb'g]bX  
[ YZcfXYfhž`Ub[ Zf]gh][ Y'@Øgi b[ Yb'ni 'Ybhk ]W\_Y'bž'i a'ni \_ØbZh][ Y  
9fY][ b]ggY'VYggYf'ni 'a UbU[ Yb'i bX'X]Y'Ni j Yf'Àgg][ \_Y]h'XYf  
Ghfca j Yfgcf[ i b[ 'ni '[ Yk À\`f'Y]ghYb"

## : Un]h. ; Ya Y]bgWUZh`]WY'F Yg]`]Ybn']b '?f]gYbnY]hYb

8Yf'Ghfca Ui gZU``]b'XYb'?U]gYfVÀXYfb'ghY``h'b]W'h'bi f'Y]bY  
hYWb]gWY'<YfUi gZcfXYfi b[ 'XUfž'gcbXYfb'Ui W'Y]bY'HYgh'ZØf'X]Y  
FYg]']Ybn'XYf'; Ya Y]bgWUZh"K À\fybX'XYf'U\_hi Y``Y'J cfZU``VYfY]hg  
g][ b]Z]UbhY'5i gk ]f\_i b[ Yb'Ui Z'XUg'hÀ[ `]WY'@VYb'XYf'5bk c\bYf  
\Uhž'nY][ hYf'Ui W'X]Y'K ]W'h][ \_Y]h]cb'BchZU``d`ÀbYb'i bX  
\_ca a i bU'Yb'i bhYfghØhni b[ gUb[ YVchYb"8]Y'gWbY``Y'FYU\_h]cb  
XYf'6Øf[ Yfa Y]ghYf]b'i bX'XYf'FYhhi b[ gX]YbghY'\_Ubb'U'g'6Y]gd]Y'

Zøf`Y]bY`VYggYfY`J cfVYfY]hi b[ `Ui Zi bj cf\Yf[ YgY\YbY`9fY][ b]ggY  
X]YbYb"

` `B 5;

8YhU]`g

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