

J Yf\_Y\ f'Ui Z'XYf'5%' 'k ]YXYf'ZfY][ Y[ YVYb.  
GUb]Yfi b[ 'bUW\ 'l bk YhhYfb 'YfZc`[ fY]W\ °

8]Y'k ]W\h][ Y'5%' 'GUb!6YfbUfX]bc!F ci hY' ]b'XYf'GW\k Y]n']gh  
bUW\ 'gW\k YfYb'l bk YhhYfb'j c`ghÅbX][ 'fYdUf]Yfhi bX'k ]YXYf  
nk Y]gdi f][ 'VYZU\ fVUF"

⊕'XYf'GW\k Y]n'\Uh'X]Y'X]Y'gW\ bY''Y'K ]YXYf\YfghY''i b[ 'Y]bYf'XYf  
k ]W\h][ ghYb'J Yf\_Y\fgj YfV]bXi b[ Yb'bUW\ 'XYb'j Yf\YYfYbXYb  
l bk YhhYfb'ja ' : fØ\ ]b[ '&\$&' 'VYY]bXfi W\_YbXY : cfhgW\ f]hhY  
[ YnY][ h''8]Y'GUb!6YfbUfX]bc!F ci hYž'X]Y'VYgcbXYfg'j cb  
F Y]gYbXYb'[ Ybi hnh'k ]fXž'X]Y'nk ]gW\ Yb'8Yi hgW\ 'UbX'i bX'⊕U' ]Yb  
dYbXY'bž]gh'bi b'bUW\ 'bi f'k Yb][ Yb'A cbUhYb'XYf'5fVY]hYb'k ]YXYf  
j c`ghÅbX][ 'VYZU\ fVUF" 5a '8]YbghU[ a cf[ Yb'i a ') .\$\$'l \f'ÖZbYhY  
XUg'6i bXYgUa h'ZØf'GhfU» Yb'X]Y'5i hcVU\ b'5%' 'k ]YXYf'ZØf'XYb  
J Yf\_Y\ fž'i bX'nk Uf']b'VY]XYb'F ]W\hi b[ Yb"

8]YgY'GhfYW\_Yž'X]Y'Xi fW\ 'X]Y'a U'Yf]gW\ Yb'5'dYb'ZØ\ fhž'k Uf'Ua ') "  
⋈ b]Xi fW\ 'a Ugg]j Y'F Y[ YbZÄ''Y'ghUf\_'VYgW\ ÅX][ h'k cfXYb''8Yf  
: 'i gg'A cYgU'hfUh'ØVYf'X]Y'i ZYf'i bX'f]W\ hYhY'j Yf\YYfYbXY  
GW\ ÅXYb'Ubž'k cVY]Y]b'&\$\$'A YhYf''Ub[ Yf'5VgW\ b]hh'XYf'5i hcVU\ b  
Zcfh[ Yf]ggYb'k i fXY" 'Gc'W\ Y'9fY][ b]ggY'i bhYfghfY]W\ Yb'X]Y  
5bZÄ''][ \_Y]h'XYf'⊕ZfUghfi \_hi f']b'VYf[ ]][ Yb'F Y[ ]cbYb'i bX'X]Y  
5i gk ]f\_i b[ Yb'Yi hfYa Yf'K YhhYfVYX]b[ i b[ Yb'Ui Z'XUg'F Y]gYb'i bX  
XYb ; ØhYfj Yf\_Y\ f"

## 8]Y'YfghYb'Yf[ f]ZZYbYb'A U» bU\ a Yb

5i Z'X]Y'YfghYb'gW\k YfYb'GW\ ÅXYb'fYU[ ]YfhY'XUg'ni ghÅbX][ Y  
6i bXYgUa h'gW\ bY''⊕bYf\U'V'j cb'nk Y]K cW\ Yb'bUW\ 'XYa  
<cW\k UggYf'\_cbbhYb'j cfØVYf[ Y\YbXY'F YdUfUhi fYb'Xi fW\ [ YZØ\ fh  
k YfXYbž'X]Y'Yg'Yf'Ui VhYbž'Y]bY' : U\fgdi f']b'YXY'F ]W\hi b[ 'k ]YXYf

ZfY]ni [ YVYb"8]Yg'k Uf'Y]b'YbhgWXY]XYbXYf'GWf]hž'i a'X]Y  
5bV]bXi b[ 'b'X]YgYf'; YV]f[ gfY[ ]cb'Ui ZfYWXhni Yf\U'hYb'i bX'XUni  
VY]ni hfU[ Ybž'XUgg'XYf'J Yf\_Y\fgZi gg'k ]YXYf'\Yf[ YghY''h'k i fXY"  
8]Y'I a gYhni b[ 'XYf'XUi Yf\UZhYb'FYdUfUhi fYb'YfZcfXYfhY'YXcW  
ni gÅm'W]WYb'5i Zk UbX'i bX'hYWXb]gWYg'? bck !\ck ži a'X]Y  
G]WYf\Y]h'i bX'GhUV]'hÅh'XYf'GhfYW\_Y''Ub[ Zf]gh][ 'ni '[ Yk Å\f'Y]ghYb"

8]Y'FYdUfUhi fUfVY]hYb'g]bX'b]W]h'bi f'Y]b''c[ ]gh]gWYf'9fZc'[ ž  
gcbXYfb'Ui W'Y]b'6Y]gd]Y''Z0f'X]Y'GWUZI b[ 'j cb  
k ]XYfghUbXgZÅ\][ Yb'žZfUghfi \_hi fYb"8]Y'5fVY]hYb'i a ZUgghYb'X]Y  
J YfghÅf\_i b[ 'XYf'I ZfVYfY]WY'XYg'A cYgU!:'i ggYgž'i a '\_0bZh][ Yb  
, VYfZi hi b[ Yb'VYggYf'ghUbX\U'hYb'ni '\_0bbYb"8]YgY'dfÅj Ybh]j Yb  
A U» bU\ a Yb'g]bX'j cb'[ fc» Yf'6YXYi hi b[ ž'XU'YI hfYa Y  
K YhhYfYfY][ b]ggY'Xi fW'XYb'?]a Uk UbXY'']a a Yf'\Åi Z][ Yf  
Ui ZhfYhYb"

## 5i gk ]f\_i b[ Yb'Ui Z'XYb'J Yf\_Y\ f

8]Y'j c''ghÅbX][ Y'K ]YXYf\YfghY''i b[ 'XYf'GUb!6YfbUfX]bc!F ci hY']gh  
j cb'Yf\YV']WYf'6YXYi hi b[ 'Z0f'XYb']bhYfbUh]cbU'Yb'J Yf\_Y\ f"  
8]YgY'5i hcVU\ b'ghY''h'b]W]h'bi f'Y]bY'k ]W]h][ Y'J YfV]bXi b[ 'Z0f'XYb  
FY]gYj Yf\_Y\ f'nk ]gWYb'8Yi hgW'UbX'i bX'žU']Yb'XUfž'gcbXYfb  
gd]Y'h'Ui W'Y]bY'YbhgWXY]XYbXY'Fc''Y]a ; 0hYfhfUbgdcfh''J ]Y'Y  
@\_k !: U\ fYf'i bX'I bhYfbY\ a Yb'g]bX'Ui Z'X]YgY'F ci hY'Ub[ Yk ]YgYbž  
i a 'K UfYb'YZ]n]Ybh'ni 'hfUbgdcfh]YfYb''A ]h'XYf'K ]YXYfYf0ZZbi b[  
\_0bbYb'J Yfn0[ Yfi b[ Yb'i bX''Åb[ YfY'I a k Y[ Y'j Yfa ]YXYb  
k YfXYbžk Ug'Z0f'X]Y'K ]fhgWUZh'j cb'J cfhY]'gh"

8]Y'gW]bY''Y'FYU\_h]cb'XYf'6Y\0fXYb'i bX'X]Y'9ZZ]n]Ybn'XYf  
5fVY]hYf'VY]'XYf'6Y\YVi b[ 'XYf'GWÅXYb'nY][ Ybž'k ]Y'k ]W]h][ 'Yg  
]ghž'b'?'f]gYbnY]hYb'ni gUa a Ybni UfVY]hYb''Hfcm'XYf  
< YfUi gZcfXYfi b[ Ybž'X]Y'gc'W'YI hfYa Y'K YhhYfYfY][ b]ggY'a ]h'g]W  
Vf]b[ Ybž'\Uh'X]Y'GW]k Y]n'YfbYi h'VYk ]YgYbž'XUgg'g]Y'j b'XYf'@U[ Y  
]ghž'\fY'J Yf\_Y\ fgj YfV]bXi b[ Yb'nY]hbU\ 'i bX'g]WYf  
k ]YXYf\Yfni ghY''Yb"

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