

8 YVUhhY 'i a 'X]Y 'j Yfgh]a a hY 'C f[ Y` . 'K Yf  
hfÀ[ h'X]Y 'J YfUb hk c fhi b [ 3

6Y]a '5fd!GW\ b]h[ Yf!: Ygh]j U''b'; UbXYf\_YgYY'gc f[ h'Y]bY  
j Yfgh]a a hY 'C f[ Y''ZØf'8]g\_i gg]cbYb. 'K Yf''gh'ZØf'X]Y  
A ]gg\_`Àb[ Y'j YfUb hk c fh]W\ 3

8 Ug'5fd!GW\ b]h[ Yf!: Ygh]j U''b'; UbXYf\_YgYY'gc`hY'Y]b'; Ybi gg'ZØf  
X]Y 'C \fYb'gY]bž'XcW\ 'X]Y 'F YU''hÀh'gU\ 'UbXYfg'Ui g''8 ]Y'gW\ ÒbYb  
?'Àb[ Y'XYf'VYfØ\ a hYb' C f[ Y'k i fXYb'Xi fW\ 'i bUb[ YbY\ a Y  
A ]gg\_`Àb[ Y '[ YhfØVhž'i bX'X]Y'8]g\_i gg]cb'i a 'X]Y'; fØbXY'ZØf'X]YgY  
J Yfgh]a a i b[ '\Uh'X]Y'; Ya ØhYf'YffY[ h''A U''YVYb'Ui ZXUg'Vf]'`UbhY  
a i g]\_U']gW\Y'9f'YVb]g'[ Y\c Zh3'8 Ug'k Uf']b'X]YgYa 'À\ f  
cZYbg]W\h]W\ 'b]W\h'Xf]b"

⊕ 'XYf'8]g\_i gg]cb'ghY\h]j cf'U''Ya 'X]Y'5fh'i bX'K Y]gYž'k ]Y'X]Y  
C f[ Y'ž'X]Y'b]W\h'bi f'U\_i gh]gW\ ž'gcbXYfb'Ui W\ '\]ghcf]gW\ 'j cb  
6YXYi hi b[ ' ]ghž'j cf'XYa ' ?c b nYfh]j cfVYfY]hYh'k i fXY''8]Y'5fd!  
GW\ b]h[ Yf!C f[ Y''b'; UbXYf\_YgYY']gh'Y]b'A Y]ghYfk Yf\_ž'XUg'a ]h  
j YfgW\ ]YXYbYb'DZY]ZYbUfhYb'Ui g[ YghUhhY'h]gh''8 Uni '[ Y\ ÒfYb  
@JV]U'dZY]ZYbž'XYfYb?'`Ub[ 'Xi fW\ '@ ZhghfÒa i b[ 'ØVYf'Y]bYb'GdU'h  
YfnYi [ h'k ]fXž'i bX'Ni b[ YbdZY]ZYbž'VY]'XYbYb'Y]b'gW\k ]b[ YbXYg  
A YhU'd`ÀhW\Yb'ja '@ Zhghfca 'XYb'Hcb'dfcXi n]Yfhž'À\ b`]W\ 'Y]bYf  
A i bX\Ufa cb]\_U''8]YgY'j YfgW\ ]YXYbYb'A YW\ Ub]ga Yb'g]bX'Ygž'X]Y  
XYb'Y]bn][ Ufh][ Yb?'`Ub[ 'XYf' C f[ Y''Ui ga UW\Yb"

J YfUb hk c fh`]W\ \_Y]hYb `]a `: c \_i g

8]Y'8]g\_i gg]cb'ØVYf'X]Y'J Yfgh]a a i b[ 'k ]fZh'Ui W\ ': fU[ Yb'ni f  
J YfUb hk c fhi b[ 'Ui Z'K Yb'hf]Zh'X]Y'GW\i 'X'ZØf'X]Y  
I bni `Àb[ `]W\ \_Y]hYb3'8]Y '@JV]U'dZY]ZYb'fYU[ ]YfYb'Ya dZ]bX`]W\ 'Ui Z  
HYa dYfUhi f'i bX '@ ZhZYi W\h][ \_Y]hž'k À\ fYbX'X]Y'Ni b[ YbdZY]ZYb

Y\Yf'ghUV]'g]bX"8 Ug'VYXYi hYhž'XUgg'j cf'YXYa '?cbnYfh'Y]bY  
[ YbUi Y'Gh]a a UfVY]h'bÒh][ 'gh"'9]b'J YfgÀi a b]g'b'X]YgYf  
J cfVYfY]hi b[ '\_ÒbbhY'X]Y'i fgUWXY'ZØf'X]Y'A ]gg\_`Àb[ Y'VY]a  
'?cbnYfh'Ua'&)'5i [ i gh'gY]b"

8]Y'9a ch]cbYb'g]bX'\cW [ Y\_cW hž'b]W h'ni 'Yhnhž'k Y]'X]Y  
6Ygi WXYf'j ]Y'j cb'XYf'5i ZØ\fi b[ 'Yfk UfhYh'\UhhYb"'8]Y'8YVUhhY  
f]W hYh'g]W 'XUfi a ž'cV'X]Y'hYW b]gWXY'J cfVYfY]hi b[  
cfXbi b[ g[ Ya À»'Xi fW [ YZØ\fh'k i fXY'cXYf'cV'j YfgW]YXYbY  
\_]a Uh]gWXY': U\_hcfYbž'X]Y'VY]'XYf'Gh]a a i b[ 'XYf'DZ]YdYb'Y]bY  
Fc`Y'gd]Y'Ybž'b]W h'Ui gfY]W YbX'VYfØW\_g]W h][ h'k i fXYb"'8 Ug  
Di V`\_]i a '\UhhY'ni fYW h'[ Y\cZhž'Y]b'\Ufa cb]gWXYg'?`Ub[ Yf'YVb]g  
ni '[ Yb]Y»Ybž'i bX'X]Y'9bhhÀi gW i b[ 'ØVYf'X]Y'a ]ggfUhYbY  
Gh]a a i b[ 'Àggh'g]W 'bi f'gWk Yf'j YfVYf[ Yb"

I bhYf'XYb'Ni \ØfYfb']gh'Y]bY'J ]Y'nU\`j cb'A Y]bi b[ Yb'ni '\ØfYb"  
9]b][ Y'VYhcbYbž'XUgg'Yg'VYfY]hg'j cf'XYf'J YfUbghU'hi b[ '<]bk Y]gY  
Ui ZDfcV'Ya Y'[ Y[ YVYb'\Uhž'k À\fybX'UbXYfY'X]Y'J YfUbhk cfhi b[  
VY]'XYb' Cf[ Ub]gUhc fYb'i bX'XYb'ZØf'XUg' ðghfi a Yb'ni ghÀbX][ Yb  
HYW b]\_Yfb'gY\Yb"'Gc`hY'X]Y'9]bgh]a a i b[ 'XYf' Cf[ Y'b]W h  
fYW hnY]h][ 'i bX'ni Zf]YXYbghY`YbX'YfZc`[ h'gY]bž'k ]fX'X]Yg'b]W h  
c\bY'?cbgYei YbnYb'V'Y]VYb"

8]Y'\Yfj cffU[ YbXY'HYW b]\_Y]bYf'5fd!GW b]h[ Yf!Cf[ Y'j Yf'Ub[ h  
Y]bY'gcf[ ZÀ'h][ Y'<UbX\UVi b[ ž'i bX'XUgg'\]Yf'J YfgÀi a b]ggY  
Ui Z[ YhfYhYb'g]bXž'gh'ZØf'j ]Y'Y'gWk Yf'bUWj c`n]Y\VUf"'8Yf  
5i Zfi \f'i a 'X]Y'hYW b]gWXY'8i fW ZØ\fi b[ 'V]f[ h'b]W h'bi f'Y]bY  
Ni \_i bZh'k Yf\_ghUhh'ZØf'XUg': Ygh]j U'ž'gcbXYfb'\_ÒbbhY'Ui W'9]bZi gg  
Ui Zni \_ØbZh][ Y'J YfUbghU'hi b[ Yb'\UVYbž'k Ybb'X]Y'F Ydi hUh]cb'XYf  
Cf[ Ub]gUhc fYb'Ui Z'XYa 'Gd]Y'ghY'h"

8]Y'a i g]\_U`]gWXY'; Ya Y]bgW UZh'i]b'; UbXYf\_YgYY'i bX'XUfØVYf  
\]bUi g'\cZh'Ui Z'Y]bY'?`Àfi b[ 'XYf'J cfZÀ`Y"'9]b'\Ufa cb]gWXYg  
Ni gUa a Ybgd]Y'j cb'HYW b]\_ž'A i g]\_Yfb'i bX' Cf[ Y`\_Ubb'gc'j ]Y'  
a Y\ f'Ui g'Y]bYf'5i ZØ\fi b[ '\YfUi g\c'Yb"'5VYf'VY]'gc'W'Y]bYf  
bchcf]gW 'Ya dZ]bX`]W Yb' Cf[ Y`k ]Y'XYf'5fd!GW b]h[ Yf'VYXUfZ'Yg  
ghYhg'Y]bYf'dfÀn]gYb'J cfUfVY]hž'i a 'XUg'Di V`\_]i a 'a ]h'XYb  
a U'YghÀh]gWXYb'?`Àb[ Yb'ni 'j YfnUi VYfb"

8]Y'8]g\_i gg]cbYb'i a 'X]Y'I fgUW\Yb'XYf'J Yfgh]a a i b[ Yb'nY][ Ybž  
k ]Y'k ]W\h][ 'cfXbi b[ g[ Ya À» Y'J YfZU\fyb'g]bX'i bX'k ]Y'ghUf\_  
hYW\ b]gW\Y'5gdY\_hY'XYb'; YgUa hY]bXfi W\_Y]bYg': Ygh]j U`g  
VYY]bZi ggYb'\_ÒbbYb" '9g'V`Y]Vh'UVni k UfhYbž'k ]Y'g]W\X]YgY  
\_cbhfcj YfgY'G]hi Uh]cb'VY]'ni \_ØbZh][ Yb'J YfUbgH`hi b[ Yb  
k Y]hYfYb`k ]W\_Y`b'k ]fX'i bX'cV`XUg'J YfhfUi Yb' ]b'X]Y'hYW\ b]gW\Y  
5i gZØ\fi b[ 'k ]YXYf\Yf[ YghY`h'k YfXYb'\_Ubb"

8YhU]`g

6Ygi W\Yb'G]Y'i bg'Ui Z. 'X]Y!bUW\ f]W\ hYb"bYh