

# HYa dcfÄfY < c`n\Äi gYf`]b`A ]hhYbk U`X. 9]b`6`]W\_`Ui Z`Z]Y[ YbXY`6Ui hYb

HYa dcfÄfY < c`n\Äi gYf`Ub`XYb`6i W\_Y`k ]YgYb`VY]  
A ]hhYbk U`X`gcf[ Yb`ZØf`J Yfk ]ffi b[ `i bhYf`@UbXk ]fhYb"K c\Yf  
ghUa a Yb`g]Y`i bX`k Ufi a 3

⊕`A ]hhYbk U`Xž`Y]bYf`a U`Yf]gW`Yb` ; Ya Y]bXY`]b`XYb`VUmYf]gW`Yb  
5`dYbž`\UVYb`X]Y`Øb[ ghYb`9bhk ]W\_`i b[ Yb`Ui Z`XYb`6i W\_Y`k ]YgYb  
ZØf`5i ZgY\Yb`[ Ygcf[ h"⊕`XYf`j Yf[ Ub[ YbYb`K cW`Y`k i fXYb  
]bbYf\U`V`\_ØfnYghYf`NY]h[ `Y]W`XfY]`< c`n\Äi gYf`Yff]W`hYh"5i Z`XYb  
YfghYb`6`]W\_`Y]bY` , VYffUgW`i b[ ž`XU`X]Y` : `ÄW`Y`bcfa U`Yfk Y]gY  
`UbXk ]fhgW`UZh]W`[ Ybi hnh`k ]fX`i bX`ghUf\_`[ YgW`Ønh`]gh"8]Y  
bYi Yb`6Ui k Yf\_Yž`X]Y`Ub`X]Y`8]a Ybg]cbYb`Y]bYg`6Ui Yfb`cZg  
Yf]bbYfbž`g]bX`U`YfX]b[ g`b]W`hYhk U`dYfa UbYbhY`Ghfi \_hi fYbž  
gcbXYfb`gc[ YbUbbhY` Z]Y[ YbXY`6Ui hYb ž`X]Y`bi f`ZØf`Y]bY`df]j UhY  
J YfUbghU`hi b[ `X]YbYb"8]Y`5i ŽFY[ i b[ ž`X]Y`g]Y`Ui g`ØgYbž`U`h  
i bhYfgW`]YX`]W`Y`F`YU`\_h]cbYb`XYf`5bk c`bYf`i bX`@UbXk ]fhY`ni f  
: c`[ Y"

8]YgY`< c`n`cbghfi \_h]cbYb`g]bX`k U`f`]W`\_`Y]bY`hmd]gW`Yb  
K c`b`Äi gYfž`gcbXYfb`hYa dcfÄfY`5ffUb[ Ya Ybhgž`X]Y`gck c`\`ZØf  
]`fY` : ]][ fUb]hÄh`U`g`Ui W` ]`f`fcVi ghYg`8Yg][ b`6Yk i bXYfi b[  
\Yfj cffi ZYb"J]Y`Y`5bk c`bYf`Yf]bbYfb`g]W`a ]h`Y]bYa`[ Yk ]ggYb  
I bVY\U[ Yb`Ub`Y]bY`Ä`b`]W`Y`G]hi Uh]cb`ja` `X`f`&\$%+ž`U`g`XYf  
K Y`h`cbnYfb` : YffYfc`]b`XYf`B`Ä`Y`Y]bY`f]Yg][ Y` : Y]Yf`j YfUbghU`hYhY  
i bX`]b[ fc»Yb`NY`hYb`li bXYfhY`j cb` ; ÄghYb`VYk ]fhYhY"8]Y`I ba`i h  
ØVYf`X]Y`XUa`U`][ Y`G]hi Uh]cb`]gh`bUW`k ]Y`j cf`gdØfVUfž`i bX`XUg  
U`hi Y`Y` ; YgW`Y`Yb`k YW`h`U`hY`9f]bbYfi b[ Yb`"Hfchn`U`Yf  
; YfØW`hY`\Uh`X]YgYg`A`U`Y`XcW`\_`Y]b` ; fc»i bhYfbY`a`Yf`gY]bY  
: ]b[ Yf`ja`Gd]Y` X]Y`6YhfY]VYf`XYf`J YfUbghU`hi b[ `g]bX`df]j Uhž`k Ug  
XUg`H`Ya`U`ZØf`X]Y`UbgÄgg][ Yb`@UbXk ]fhY`bcW`\_`b]ZZ][ Yf`a`UW`h"

## J YfÀf[ YfhY '@UbXk ]fhY

8]Y '@UbXk ]fhY 'XYf'FY[ ]cb'g]bX'ØVYf'X]Y'hYa dcfÀfYb'6Ui hYb'i bX  
X]Y'XUa ]hj YfVi bXYbYb'FY[ Y'i b[ Yb'b]Wk h[ 'ØW\_]Wk "' ð ]\fYa  
5`hU[ 'a ØggYb'g]Y'g]Wk 'Ub'ghfYb[ Y'5i ZU[ Yb'\U'hYb'i bX'\UVYb'cZh  
GWk ]Yf][ \_Y]hYbž]\fY'Dfc'Y\_hY'ja '9]b'\_Ub[ 'a ]h'XYb'VYghY\YbXYb  
J cfgWk f]ZhYb'ni 'j Yfk ]f'\_]Wk Yb"'8]Y'HUhgUWk Yž'XUgg'bi b'gWk Y]bVUf  
ØVYf'B UWk h[ fc» Y'<c'n\Ài gYf'Yff]Wk hYh'k YfXYb'\_ØbbYbž'ZØ'h'g]Wk  
ZØf'j ]Y'Y'i b[ YfYWk h'Ub"'8]Y'VYghY\YbXYb'FY[ Y'b'gWk Y]bYb'ZØf'X]Y  
Y]bYb'ghfYb[ Yf'ni 'gY]b'U'g'ZØf'X]Y'UbXYfYbž'k Ug'ni 'Y]bYf  
k UWk gYbXYb'i bfi \Y'ja 'gUfhU'ZØ\fh' '9g']gh'gWk ]Yf][ 'ni  
j YfghY\Ybž'k Ufi a 'k ]f'ZØf'i bgYfY'J c f\UVYb'Ub[ Y  
; YbY\ a ][ i b[ gj YfZU\Yb'Xi fWk'Ui ZYb'a ØggYbž'k À\YbX'gc'Wk Y  
hYa dcfÀfYb'Ghfi \_hi fYb'Y]bZUW'gc'Ui ZhUi Wk Yb'\_ØbbYb ž'gc'Y]b  
j YfÀf[ YfhY '@UbXk ]fh"

## HfUbgdUfYbn'XYf'J YfUbghU'hYf

I a 'XYb'i ba i h'XYf'; Ya Y]bXY'ni 'XÀa dZYbž'\UVYb'X]Y  
Cf[ Ub]gUhcYb'XYf'J YfUbghU'hi b[ 'dfcU\_h]j 'j Yfgi Wk hž'j cf'XYf': Y]Yf  
ni '\_ca a i b]n]YfYbž'k cfi a 'Yg[ Y'h"G]Y'VYhcbYbž'XUgg'X]Y  
<c'n\Ài gYf'b]Wk h]a '\cWk [ YgWk ØhnhYb': : <!; YV]Yh'ghY\Yb'i bX  
XYb'ghfYb[ Yb'6Ui j cfgWk f]ZhYb'Y]b[ Y\U'hYb'k ]fX"'8]Y'J YfUbghU'hYf  
YfhY'Yb'[\_Y]Wk nY]h][ '9b'k Ufbi b[ . '9g'k YfXYb'\_Y]bY' [ fc» Yb'GhUfg  
Ui ZhfYhYb'i bX'Ui Wk '\_Y]bY'gdY\_hU\_i 'ÀfYb'9j Yb'hg'ghUhhZ]bXYbž'i a  
XUg'Di V'\_i a 'b]Wk hi bbØh][ 'Ubni n]Y\Yb"'8]Yg']gh'Y]b'VYk i gghYf  
J Yfgi Wk ž'i a 'dchYbn]Y''Yb'Yf[ Yf'cXYf'GhØfi b[ Yb']b'XYf': 'cfU'i bX  
: Ui bU'a Ø[ 'Wk gh' [ Yf]b[ 'ni '\U'hYb"

ægYZ'Gh]Y[ 'a Y]Yfž'XYf'Wk YZ]a 'CfXbi b[ gUa h'A ]hYb'k U'Xž'\YVh  
\Yfj cfž'XUgg'U''Yg'[ Ya À» 'XYf' [ YgYh'Wk Yb'J cf[ UVYb'UV'Ài Zh"'8]Y  
<c'n\Ài gYf'a ØggYb'V]g'ni a '&\$"'GYdhYa VYf'k ]YXYf'UV[ YVUi h  
k YfXYbž'i bX'X]Y': 'ÀWk Y'a i gg]b']\fYa 'i fgd fØb[ 'Wk Yb'Ni ghUbX  
\]bhYf'UggYb'k YfXYb"' 9g'\UbXY'h'g]Wk 'i a 'Y]bYb'Z]Y[ YbXYb'6Ui ž  
Yf'\_ÀfhYf'i bX'j Yfk Y]gh'XUfUi Zž'XUgg'gc'Wk Y'hYa dcfÀfYb  
Ghfi \_hi fYb'fY[ i 'Àf'Ui Wk 'Ui Z'À\fa Àf\_hYb'cXYf': YghYb'Yff]Wk hYh  
k YfXYb"

8]Y'; YgYhn[ YVi b[ 'ni a 'H\Ya U' Z]Y[ YbXY'6Ui hYb 'Yf'Ui Vh'Ygž  
XUgg'X]YgY'9]bf]W\hi b[ 'bi f'j cf'XYf'YfghYb'5i ZghY''i b[ '[ YbY\ a ][ h  
k YfXYb'a i ggž'j cfUi g[ YgYhnh'g]Y'ØVYfgW\ fY]hYb'Y]bY'VYgh]a a hY  
; fØ»Y'' ð'X]YgYa 'gdYn]Y''Yb': U''a i gg''YX][ ''W\ 'Y]bY' ðZcfa Uh]cb  
Ub'X]Y'6Y\ ÒfXYb'UV[ Y[ YVYb'k YfXYbž'i a 'X]YgY' A U» bU\ a Y' ]b'X]Y  
K Y[ Y'ni ''Y]hYb''8 Ug'a UW\h'X]Y' [ Ubny'5b[ Y'Y[ Yb\Y]hYhk Ug  
Y]bZUW\Yfž'ghY''h'YXcW\ 'XYbbcW\ 'X]Y': fU[ YghY''i b[ ''b'XYb'FUi a .  
K Ufi a '\_ØbbYb'X]YgY'hYa dcfÅfYb'6Ui k Yf\_Y'gc'gW\ bY''Yff]W\hYh  
k YfXYbž'k Å\ fYbX'@UbXk ]fhY'cZ'h'a cbUhY'Ub[ 'Ui Z'; YbY\ a ][ i b[ Yb  
k UfhYb3

ða ]hhYb'X]YgYf'G]hi Uh]cb'gW\k ]b[ h'Y]b'; YZØ\''XYf'i bg]W\Yf\Y]h  
i bX'J Yfk ]ffi b[ ''b'XYf'; Ya Y]bXY'a ]h''8]Y'6U'UbW'nk ]gW\Yb  
fYW\h]W\Yb'J cfgW\ f]ZhYb'ni a 'GW\i hn'XYf'BUhi f'i bX'XYb  
6YXØfZb]ggYb'XYf''c\_U'Yb'6Yj Ò'\_Yfi b[ 'gW\Y]bh''b'X]YgYa ': U''  
b]W\h'a ': ''Y]W\ [ Yk ]W\h'ni 'gY]b''5i W\ 'X]Y': fU[ Yž'k ]Y''Ub[ Y'gc'W\Y  
ØVYffUgW\YbXYb'J YfUbghU'hi b[ Yb'bcW\ '6YghUbX'\UVYb'i bX'i bhYf  
k Y'W\Yb'5i ZU[ Yb'g]Y'Xi fW\ [ YZØ\fh'k YfXYb'\_ØbbYbž'V'Y]Vh  
i bVYUbhk cfhYh''6]g'XU\ ]b'k YfXYb'X]Y'6i W\_Y'k ]YgYb'k Y]hYf\ ]b'U'g  
6Ø\ bY'ZØf'hYa dcfÅfY': YghY'Zi b[ ]YfYbž'k Å\ fYbX'X]Y'@UbXk ]fhY  
\cZYbž'XUgg']\fY'Gh]a a Y'YVYbZU''g'[ Y\ Òfh'k ]fX"

8YhU]`g

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