

A Ubi Y`U`F Uh\ [ YV. '8 ]Y`j ]Y`gY]h][ Y  
Dfc ^Y\_h\_ccfX]b Uhcf]b`XYg`C ghU`V\_fY]gYg

A Ubi Y`U`F Uh\ [ YVž`Dfc ^Y\_h\_ccfX]b Uhcf]b`ja`C ghU`V\_fY]gž  
a Y]ghYfh`VYgcbXYfY`5i Z[ UVYb`i bX`VY[ Y]ghYfh`a`]h`\fYb  
F Y]gYb`i bX`9fZc`[ Yb`]a`GW]Y» gdcfh"

⊕`5U`Yb`ghY\Yb`9fZc`[ Y`b]W`h`bi`f`Ui`Z`XYa`D`Ud]Yfž`gcbXYfb`Z]bXYb  
Ui`W`]b`XYb`<YfnYb`XYf`A`YbgW`Yb`XYg`C`ghU`V\_fY]gYg`\fYb  
5i`gXfi`W`"9]b`Yi`W`hYbXYg`6Y]gd]Y`]gh`A`Ubi`Y`U`F`Uh\ [ YVž`Y]bY  
Yb[ U[ ]YfhY`Dfc ^Y\_h\_ccfX]b Uhcf]bž`X]Y`Xi`fW`]`\fY`VYfi`Z]W`Yb`i`bX  
dYfg`0b`]W`Yb`@Y]XYbgW`UZhYb`XUg`@YVYb`]b`XYf`F`Y[ ]cb`VYfY]W`Yfh"

9]bY` : fUi` `a` ]h`VYa` Yf\_Ybgk` YfhYa  
@YVYbgk` Y[

A Ubi Y`U`F Uh\ [ YVž`X]Y`gY]h`%-`-`+`VY]a` `@UbXfUhgUa` h`C`ghU`V\_fY]g  
h`h][` ]ghž`\Uh`g]W`U`g`A`i`h]hU`Yb`h`Yfk` ]YgYb`"≠fY`?`Uff]YfY`VY[`Ubb  
a`]h`Y]bYf`5i`gV]`Xi`b[ `ni`f` :`UW`Ub[`YghY`hYb`Z0f  
60fc`\_ca`a`i`b]\_Uh]cbž`[ YZc`[`h`j`cb`X]j`YfgYb` :`cfhV]`Xi`b[`Yb`i`bX  
Y]bYf`VYa` Yf\_Ybgk` YfhYb`8]gn]d`]b`"≠W`V]b`Y]b`i`f[`YghY]b`ž  
VYgW`fY]Vh`g]Y`]\fYb`K`YfXY[`Ub[`i`bX`X]Y`<YfUi`gZcfXYfi`b[`Ybž`X]Y  
a`]h`XYf`VYfi`Z]W`Yb`K`Y]hYfV]`Xi`b[`j`YfVi`bXYb`g]bX"

9]b`6`]W`\_`\]b`hYf`X]Y`?`i``]ggYb

F Uh\ [ YV`gd]Y`h`Y]bY`nYbhfU`Y`F`c`Y`]b`nU`\`fY]W`Yb`Dfc`^Y`hYb`XYf  
F`Y[ ]cb`"G]Y`VYhfYi`hY`9j`Ybh<][`\][`\hg`k`]Y`X]Y  
@UbXYg[ UfhYbgW`Ui`&\$%(`i`bX`&\$%-`ž`XYf`F`Ya`ghU`";`UfhYbgW`Ui`ž  
k`c`]\fY`cf[`Ub]gUhcf]gW`Yb` :`Å\][`\_Y]hYb`ni`a`HfU[`Yb`\_Ua`Yb`"  
5\_hi`Y`"UfVY]hYh`g]Y`Ub`XYf`@UbXYg[ UfhYbgW`Ui`&\$&`\*`]b  
9`k`Ub[`Ybž`X]Y`gW`cb`Y`hnh]b`XYf`F`Y[ ]cb`U`g`Y]bYg`XYf

VYXYi hYbXghYb'9j Ybhg[ ]h" Æf'9b[ U[ Ya YbhVYXYi hYh'b]W h'bi f  
Y]b'dYfgÒb`]W Yg'N]Y`ž'gcbXYfb'Y]bYb'k Yfhj c`Yb'6Y]hfU[ 'ni f  
; Ya Y]bgW UZh"

## 8 ]Y '@Y]XYbgW UZh'ZØf'X Ug'F Y]gYb

BVYVb ]\fYa '6Yfi Zg'YVYb'n]Y\h'Yg'F Uh\ [ YV']b'X]Y': YfbYž'k c  
5VYbhYi Yf'i bX'9bhgdUbbi b[ 'Ui Zg]Y'k UfhYb" Æ'X]YgYa 'ſ\ſf  
fY]ghY'g]Y'bYi b'K cWYb'Xi fW' ÆU']Ybž'U`Y]b'a ]h']\fYa 'Y]bYb  
fchYb'DUbXU" ÆW'ZØ\ 'Y'a ]W'ZFY] ž'gU[ h'g]Yž'k Å\ fYbX'g]Y'Ui Z  
7Ua d]b[ d`ÀhYb'ØVYfbUW hYh'i bX']\fY'9f'YVb]ggY'a ]h': fYi bXYb  
hY]h"8]YgY'F Y]gYb'g]bX'b]W h'bi f'Y]b'F ØW\_ni [ gc fhž'gcbXYfb'Ui W  
Y]bY'A Ò[ ]W\_Y]hž'X]Y'?i`hi f'\Ui hbU\`ni`Yf'YVYb'i bX  
9f]bbYfi b[ Yb'ni`gW UZYb"

## 9]bXfi W\_gj c`Y'9fZc`[ Y']a 'GW]Y» gdcfh

9]bY'k Y]hYfY': UW hY'j cb'F Uh\ [ YVg'@YVYb']gh'XYf'GW]Y» gdcfhž  
XYa 'g]Y'gY]h'ØVYf'XfY]'ſ\ſfnY\bhYb'bUW [ Y\h"5`g'a Y\ fZUW Y  
8Yi hgWY'A Y]ghYf]b'i bX'U\_h]j Y'HY]'bY\ a Yf]b'Ub'K Yhh\_Åa dZYb  
\Uh'g]Y'g]W'Y]bY'VYa Yf\_Ybgk YfhY'N]Y'ghfYV][ \_Y]h'VYk U\ fhž'X]Y  
g]W'Ui W' ]b']\fYa 'VYfi Z]WYb'K YfXY[ Ub[ 'k ]XYfgd]Y[ Y'h"  
' : c\_i gg]Yfi b[ 'i bX']bbYfY'GhÅf\_Y'g]bX'k ]W'h][ ž'VYgW fY]Vh'g]Y  
X]Y'9][ YbgW UZhYbž'X]Y'g]Y'gck c`\`]a 'Gdcfh'U'g'Ui W' ]a '6Yfi Z  
ni a '9fZc`[ 'ZØ\ fYb"

## J YfV]bXi b[ 'ni f'< Y]a Uh

K YgYbh]W'ZØf'F Uh\ [ YV']gh'X]Y'J YfV]bXi b[ 'ni f'< Y]a Uhž'X]Y'b]W h  
bi f'Xi fW']\fYb'6Yfi Zž'gcbXYfb'Ui W'Xi fW']\f'9b[ U[ Ya Ybh]a  
CVgh'i bX'; UfhYbVUi j YfY]b'[ YghÅf\_h'k ]fX" ÆfY'? ]bX\Y]h'Ui Z  
Y]bYa 'UbXk ]fhgW UZh]WYb'6Yhf]YV'dfÅ[ h']\fY'DYfgdY\_h]j Y'i bX  
'\fY'K YfhgW Åhni b[ 'ZØf'X]Y'B Uhi f'i bX'X]Y'F Y[ ]cb" 9g'a UW h'a ]f  
j ]Y'GdU» ž]b'XYf'@UbXk ]fhgW UZh'hÅh][ 'ni'gY]b ž'gU[ h'g]Yž'i bX  
XUa ]h'nY][ h'g]Y']\fYb'h]YZYb'6Yni [ 'ni f'?i`hi f'XYg'C ghU'V\_fY]gYg"

## 5 VgW`]Y» YbXY'; YXUb\_Yb

A Ubi Y`U`F Uh\ [ YV`j Yf\_ÖfdYfh`Y]bY`ghUf\_Y`DYfgÖb`]W\`\_Y]h`i]b`XYf  
; Ya`Y]bgW\UZh`XYg`C ghU`V`fY]gYg" ` Æ fY`nU`\`fY]W\`Yb`Dfc`Y`\_hY`i`bX  
dYfgÖb`]W\`Yb` Æ hYfYggYb`nYi [ Yb`j`cb`Y]bYa` `@YVYbž`XUg`[ YdfÄ [ h  
]ghj`cb`9b[ U[ Ya`Ybž`@Y]XYbgW\UZh`i`bX`XYa` `i`bYfa`ØX`]W\`Yb  
GhfYVYbž`XUg`6YghY`ZØf`g]W\`i`bX`X]Y`F`Y [ ]cb`ni`YffY]W\`Yb" ` Æ W\`  
`]YVY`a`Y]bY`5fVY]h`i`bX`V]b`Ub[ Y`\_ca`a`Yb`ž`fYgØa` ]Yfh`g]Y`hfYZZYbX  
i`bX`]bgd]f]Yfh`X]Y`A`YbgW\`Yb`i`a` `g]Y` \Yfi`a`ž`]\fYb`Y][ YbYb`K`Y [   
ni` `[ Y`Yb`"

8YhU]`g

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