

GWX bY`Yf`5VgWX ]YVi b[ 3`? UggY``\_Äa dZh  
a ]h'ghY][ YbXYb`5i gfY]gYdZ]WX h][ Yb

⇒a`FY[ ]Yfi b[ gVYn]f\_? UggY``YVYb`U\_hi Y``` \$\$\$  
Ui gfY]gYdZ]WX h][ Y`5i g`ÄbXYf``DYfgcbU`a Ub[ Y`VY\]bXYfh  
5VgWX ]YVi b[ Yb`i bX`F ØW\_ZØ\fi b[ Yb"

⇒a`FY[ ]Yfi b[ gVYn]f\_? UggY``\YffgWX h`U\_hi Y``Y]b  
VYgcf[ b]gYffY[ YbXYg`DfcV`Ya .`Fi bX`` \$\$\$`A YbgWX Yb`Ui g`XYa  
5i g`UbX`g]bX`Ui gfY]gYdZ]WX h][ ži bX`X]Y`ni ghÄbX][ Yb`6Y\ÖfXYb  
\_Äa dZYb`Ui Z[ fi bX`j cb`DYfgcbU`a Ub[ Y`žX]YgY`NU\`ni  
VYk Ä`h][ Yb`"<]bhYf[ fi bX`ZØf`X]YgY`G]hi Uh]cb`g]bX`nU\`fY]WX Y  
]bYZZ]n]YbhY`5V`Äi ZY`i bX`Y]b`\_cbh]bi ]Yf`]WX Yf`5bgh]Y[ `XYf  
5i gfY]gYdZ]WX h][ Yb"

9]bY`VYgcbXYfY`5i Za Yf\_gUa \_Y]h`Yf\]Y`h`XYf`U``Y]bYg  
a i ha U»`]WX Yb`HÄhYfg`Ui g`Gc`]b[ Ybž`XYf`]a`'Ä\`f`&\$&'`bUW  
6i`[ Uf]Yb`UV[ YgWX cVYb`k YfXYb`gc`hY`8Yf`; fi bX`ZØf`X]Y  
[ YgWX Y]hYfhY`5VgWX ]YVi b[ `k Uf`X]Y`I bZÄ\][ \_Y]h`XYf`6Y\ÖfXYbž`X]Y  
, VYfghY``i b[ `]bbYf\U`V`XYf`[ YgYhn`]WX`j cf[ YgWX f]YVYbYb`; f]gh  
j cb`gYWX g`A cbUhYb`ni`cf[ Ub]g]YfYb`"8]YgY`G]hi Uh]cb`U`h`X]Y  
8YVUhY`ØVYf`X]Y`F ØW\_ZØ\fi b[ `j cb`5i g`ÄbXYfb`bYi`Ub[ YZUWX hž  
XU`g]Y`j YfXYi h]WX hž`k ]Y`X]Y`<YfUi gZcfXYfi b[ Yb`]b`XYf  
JYfk U`hi b[ `ni`JYfnÖ[ Yfi b[ Yb`ZØ\fYb"

GhY][ YbXY`NU\`Yb`XYf`Ui gfY]gYdZ]WX h][ Yb  
DYfgcbYb

8]Y`G]hi Uh]cb`]a`FY[ ]Yfi b[ gVYn]f\_? UggY``\Uh`g]WX`j YfgWX ÄfZh"  
6YfY]hg`]a`A Äfn`YVhYb`XcfhgWX Ähni b[ gk Y]gY`&\$\$\$  
Ui gfY]gYdZ]WX h][ Y`DYfgcbYb`"8]YgY`NU\`U`h`g]WX`a`]h`Yfk Y]Y`Ui Z  
Yhk U`` \$\$\$`Yf\Ö\hž`k Ug`U`Ufa ]YfYbX`]gh`8]YgY`A YbgWX Yb`a`ØggYb

Ybhk YXYf'ni f'ZFY]k ]`][ Yb'5i gfY]gY VYk Y[ h'k YfXYb'cXYfz'ZU`g  
X]Yg'b]W h[ Y`b[ hz'UV[ YgWk cVYb'k YfXYb'"8Ua ]h'Yf\O'h'g]W'X]Y  
K U\fgWY]b'W \_Y]h'XUgg j ]Y'Y'X]YgYf'DYfgcbYb' ]b' bU\Yf'Ni \_i bZh  
a ]h'Y]bYf'5VgW ]YVi b[ 'fYWk bYb'a ØggYb"

8 ]Y'GWk ]Yf][ \_Y]hYb'k YfXYb' ]W h'a ]bXYfz'XU'XUg'ni ghAbX][ Y  
8YnYfbUh'ZØf'5i g'AbXYffYW h'Ua 'F Y[ ]Yfi b[ gdfAg]X]i a ' ?UggY`  
i bhYf'Yf\YV' ]W Ya '8fi W\_ghY'h'h'fch'X]YgYf'<YfUi gZcfXYfi b[ Yb  
\Uh'XUg'F D' ?UggY`Y]b][ Y'dcg]h]j Y'9bhk ]W\_i b[ Yb'j YfnY]W bYh"  
Nk ]gWYb' ]bi Uf'i bX' ]'gh]Y[ 'X]Y'NU\`XYf'ZFY]k ]`][ Yb  
F ØW\_fY]gYb'j cb'%, \$'ja ' ]\f'&\$&' 'Ui Z' \*%'ja ' ]\f'&\$&('8]Yg  
[ YgW U\Xi fW' ]bhYbg]j Y'F ØW\_\_Y\fvYfUi b[ Ybž'X]Y'XYb  
6YhfcZYbYb'\Y'ZYb'gc`Ybž'DYfgdY\_h]j Yb' ]b' ]\fYa ' <Y]a Uh'UbX'ni  
Z]bXYbž'Y]bgW' ]Y» ]W'a Ø[ ]WYf': ØfXYfi b[ Yb'ZØf'XYb  
K ]YXYfUi ZVUi 'Y]bYf'9I ]ghYbn"

8 cW'k c '@]W h' ]ghz' ]gh'c Zh'Ui W'GWk UhhYb'"K Yf'g]W'k Y][ Yfhz  
ZFY]k ]`][ 'Ui gni fY]gYbž'g]Y'h'g]W'Xfc\YbXYb'5VgW ]YVi b[ Yb  
[ Y[ YbØVYf'"8]Y'5bnU\`X]YgYf'5VgW ]YVi b[ Yb' ]gh'YVYbZU`g  
Ub[ Ygh]Y[ Ybž'j cb'%) - ]ja ' ]\f'&\$&' 'Ui Z'&\$%'ja ' ]\f'&\$&(']b'bi f  
Y]bYa ' \U'VYb' ]\f'"8Yf'8fi W\_Ui Z'X]Y'6Y\ØfXYb'k ÅW ghz'XUg  
DfcV'Ya 'YZZ]n]YbhYf'ni 'VYk Å'h][ Yb"

Ni gÅh' ]W'ZcfXYfh'X]Y'j cb' <YggYb'j YfcfXbYhY'9]bgdUfi b[ Yb' ]b  
XYf'j Yfk U'hi b[ ' ]\f'Åb[ gh'VY\_UbbhYg'Hf]Vi h'"8Ug'8YnYfbUh'ZØf  
5i g'AbXYffYW h' ]gh]ja 'C dYfUh]cb'VYfY]hg'ØVYf'UghYhi bX'\_ca a h  
a ]h'XYb' ]\bYb'ni [ Yk ]YgYbYb'(\$'GhY`Yb'bi f'gWk Yf'\ ]bhYf\Yf"  
8]Yg'\Uh'VYfY]hg' ]a ' : fØ\U'f'ni 'GdUbbi b[ Yb' ]bbYf\U'V'XYf  
6Y\ØfXY' [ YZØ\fh'"8Yb'bcW'k i fXYb'U`Y'VYZf]ghYhYb'GhY`Yb  
ni a ]bXYgh'ni bÅW gh'V]g'9bXY'&\$&('j Yf'Åb[ Yfhz'i a '\_i fnZf]gh][ 'X]Y  
5fVY]hg'Ugh'ni 'VYk Å'h][ Yb"

8 ]Y'; Ya Y]bgUa Y'5fVY]hg[ fi ddY' ]bhYbg]j hÅhYfz'X]Y'&\$%, ' ]bg  
@VYb' [ Yfi ZYb'k i fXYz'\Uh'g]W'Ui W'Ui Z'X]Y'5VgW ]YVi b[  
ghfUZÅ`][ ' [ Yk cfXYbYf'5i g'AbXYf'\_cbnYbhf]Yfh'< ]YfVY]'UfVY]hYb  
X]Y'6Y\ØfXYb'ni gUa a Ybž'i a 'X]Y'F ØW\_ZØ\fi b[ 'gWk bY`Yf'i bX  
bUW U'h][ Yf'ni ' [ YghU'hYb'"GY]h'XYf'; fØbXi b[ 'X]YgYf'; fi ddY  
k i fXYb'ØVYf') \$\$'DYfgcbYb'Ui g'XYa 'VYhfYZZYbXYb'DYfgcbYb\_fY]g

UV[ YgWk cVYbž'YXcW k YfXYb'\_Y]bY'\_cb\_fYhYb'NU\`Yb'ni`XYb  
j YfV`Y)VYbXYb'; YZÅ\ fXYfb'j YfÖZZYbh]Wk h"

8YhU]`g

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