

## ? Ubb 'X]Y 'A Ya Y '7c]b 'DYdY 'fD9D9Ł ØVYfhfY ZZY b 3

8 ][ ]HcUXg'fHC 58 GŁ'gh'Y]b 'Ui ZfY[ YbXYg'A Ya Y!7c]b!Dfc'Y\_hž  
 XUg'k Y]hYf\]b 'Ui Z[ fc»Yg' ðhYfYggY 'Ub'gY]bYa ' J cfj Yf\_Ui Z  
 ghÒ» h" '9]b][ Y'XYf': U\_hcfYbž'X]Y'Yg'j cb 'A ]hVYk YfVYfb  
 UV\YVYbž'g]bX'Y]b'Y]bn][ Ufh][ Yg'6fUbX]b[ 'i bX'?cbnYdhž'Y]bY  
 ghUf\_Y'7ca a i b]hmž']bbcj Uh]j Y'5bk YbXi b[ gZÄ''Y'i bX'Y]b  
 VY[ fYbnhYg'5b[ YVch" K Ä\fybX'X]Y'A Ya Y!7c]b!GU]gcb'Ub  
 : U\fh'[ Yk ]bbhž'\_ÒbbhY'g]WŁ'8][ ]HcUXg'U'g'^2 \_cgmghYa !D'UmYf  
 YhUV`]YfYb'i bX'DYdY'fD9D9Ł'Ub[ Zf]gh][ 'ØVYfhfY ZZY b" '8 U'XYf  
 ? fmdhck Ä\fi b[ ga Uf\_h'k Y]hYf'k ÄWŁgh'i bX'g]WŁ  
 k Y]hYfYbhk ]W\_Y'hž'\UVYb'g]WŁ 'A Ya Y'7c]bg'U'g'bYi Yf'HfYbX  
 \YfUi\_g\_f]ghU''g]Yfhž'XYf'ZØf'X]Y' ðhYfU\_h]cb'a ]h' ðj YghcfYb  
 i bX'<ÄbX'Yfb '[ 'Y]WŁYfa U» Yb'Y ZZY\_h]j ']gh''Ni 'XYb'j ]Y'Yb  
 A Ya Y!A ØbnYbž'X]Y'XYfnY]h'Ui Z'XYa 'A Uf\_h']a 'HfYbX''Y][ Ybž  
 [ Y\Òfh'8][ ]HcUXg'fP fÒhYbŁž'XUg'g]WŁ 'U'g'/ Ua d^AY''d/



- 8 ][ ]HcUXg'fHC 58 GŁ'gh'Y]b 'Ui ZfY[ YbXYg'A Ya Y!7c]b!  
 Dfc'Y\_hž'XUg'k Y]hYf\]b 'Ui Z[ fc»Yg' ðhYfYggY 'Ub'gY]bYa  
 J cfj Yf\_Ui Z ghÒ» h"
- 9]b][ Y'XYf': U\_hcfYbž'X]Y'Yg'j cb 'A ]hVYk YfVYfb 'UV\YVYbž  
 g]bX'Y]b'Y]bn][ Ufh][ Yg'6fUbX]b[ 'i bX'?cbnYdhž'Y]bY'ghUf\_Y  
 7ca a i b]hmž']bbcj Uh]j Y'5bk YbXi b[ gZÄ''Y'i bX'Y]b  
 VY[ fYbnhYg'5b[ YVch"
- K Ä\fybX'X]Y'A Ya Y!7c]b!GU]gcb'Ub': U\fh'[ Yk ]bbhž  
 \_ÒbbhY'g]WŁ'8][ ]HcUXg'U'g'^2 \_cgmghYa !D'UmYf'YhUV`]YfYb  
 i bX'DYdY'fD9D9Ł'Ub[ Zf]gh][ 'ØVYfhfY ZZY b"

8 U'XYf'? fmdhck Ä\fi b[ ga Uf\_h'k Y]hYf'k ÄWŁgh'i bX'g]WŁ  
 k Y]hYfYbhk ]W\_Y'hž'\UVYb'g]WŁ 'A Ya Y'7c]bg'U'g'bYi Yf'HfYbX

\YfUi g\_f]ghU``g]YfhžXYfZØfX]Y`bHYfU\_h]cb`a ]hi`bj YghcfYb`i bX  
<ÀbX`Yfb`[ `Y]WXYfa U»Yb`YZZY\_h]j` ]gh"

Ni`XYb`j ]Y`Yb`A Ya Y!A ØbnYbžX]Y`XYfnY]hiUi Z`XYa`A Uf\_h]a  
HfYbX``]Y[ Ybž`[ Y\Øfh`8 ] [ ]HcUXg`f? fØhYbŁž`XUg`g]W`U`g  
dchYbn]Y``\YfUi gfU[ YbXYg`Dfc`Y\_h`YfUi gghY``hž`XUg`gY]bY  
?cb\_i ffYbHYbž`Y]bgW`]Y»`]W`DYdY`fD9D9Łž`ØVYfhfYZZYb`\_ØbbhY"  
<]Yf`g]bX`Y]b][ Y`XYf`; fØbXY`XUZØf.

## 9]bn][ Ufh][ Yg`6fUbX]b[ `i bX`? cbnYdh

K Ug`8 ] [ ]HcUXg`j cb`UbXYfYb`A Ya Y`7c]bg`UV\YVhž`]gh`gY]b  
Y]bn][ Ufh][ Yg`6fUbX]b[ `i bX`? cbnYdh" `a` ; Y[ YbgUhn`ni`UbXYfYb  
A Ya Y!A ØbnYbžX]Y`Ui ZVY`]YVhYb`bHYfbYh!A Ya Yg`cXYf`K ]hYb  
VUg]YfYbž`\Uh`8 ] [ ]HcUXg`c f][ ]bY``Y`7\UfU\_hYfY`i bX  
<UbX`i b[ gghfÀb[ Y`[ YgW`UZZYb"

8]Y`8 ] [ ]HcUXg`g]bX`Y]bY` ; fi ddY`j cb`%\$"\$\$\$`Y]bn][ Ufh][ Yb`i bX  
ZUfVYbZfc\Yb`? fØhYbžX]Y`Y]bY`j ]fhi Y``Y`K Y`h`bUa Ybg`H\Y`Gk Ua d  
VYk c\`bYb" `»XY`? fØhY`\Uh]`fY`Y][ YbY`DYfgØb`]W`\_Y]hi bX  
<]bhYf[ fi bX[ YgW`]W`hYž`i bX`6Ybi hnYf`\_ØbbYb`Ui Z`j YfgW`]YXYbY  
K Y]gY`a ]h]`bYb`]bhYfU[ ]YfYbž`i bhYf`UbXYfYa`Xi fW`Gd]Y`Y`i bX  
UbXYfY`5\_h]j ]h`hYb"

## GhUf\_Y`7ca a i b]hmi bX`l bhYfghØhni b[

K Ug`8 ] [ ]HcUXg`k U\fgW`Y]b`]W`Ui W`j cb`\_cb\_i ff]YfYbXYb  
Dfc`Y\_hYb`UV\YVYb`k ]fXž`]gh`gY]bY`ghUf\_Y`7ca a i b]hmi bX`gY]b  
Gi ddcfh!GmghYa " `8 Ug`Dfc`Y\_h`\Uh`VYfY]hg`Y]bY`[ fc»Y  
5b\Àb[ YfgW`UZh`Ui Z`GcW`U!A YX]U!D`UhhZcfa Yb`Ub[ Ync[ Ybž`a ]h  
HUi gYbXYb`j cb`6Ybi hnYfbž`X]Y`g]W`U\_h]j `a ]hXYa`HYUa`i bX  
i bhYfY]bUbXYf`VYgW`ÀZh][ Yb"

8]YgYg`A U»`Ub`7ca a i b]hmi bX`l bhYfghØhni b[ `\_Ubb`Y]b`Yf\YV`]W`Yf  
Jc fHY`ZØf`8 ] [ ]HcUXg`gY]b" `9g`\_Ubb`XUni`VY]hfU[ Ybž`X]Y  
5\_nYdhUn`i bX`XUg`6Yk i gghgY]b`ZØf`XUg`Dfc`Y\_h`ni`ZØfXYfbž`k Ug  
`YhnhYbX`]W`ni`Y]bYf`\Ø\YfYb`B UW`ZFU[ Y`bUW`XYa`Hc`Yb`ZØ`fh"

bcj Uhj Y'5bk YbXi b[ gZÀ`Y'i bX

5bk YbXi b[ Yb

, VYf'XUg'6fUbX]b[ 'i bX'X]Y'7ca a i b]hm! bhYfghØhni b[ '\]bUi g  
j YfZØ[ h'8][ ]HcUXg'ØVYf'a Y\ fYfY']bbcj Uhj Y'5bk YbXi b[ gZÀ`Y  
i bX'5bk YbXi b[ Ybž'X]Y'XUni 'VY]hfU[ Yb'\_ØbbhYbž'gY]bYb'K Yfh]a  
@Ui ZY'XYf'NY]h'ni 'ghY][ Yfb"

6Y]gd]Y`gk Y]gY'd`Ubh'XUg'Dfc'Y\_h'X]Y'J YfØZYbh]Wk i b[ 'a Y\ fYfYf  
Gd]Y'Y'i bX'5\_hj] ]hAhYbž'X]Y'Yg'XYb'6Ybi hnYfb'Yfa Ø[ '\]Wk Ybž'Ui Z  
bYi Y'i bX'Ui ZfY[ YbXY'K Y]gY'a ]h'\fYb'8][ ]HcUXg'ni 'bhYfU[ ]YfYb"  
8 UfØVYf'\]bUi g'\Uh'XUg'HYUa 'Ui Z'a Ø[ '\]Wk Y'?ccdYfUh]cbYb'a ]h  
UbXYfYb'6'cW\_Wk U]b!Dfc'Y\_hYb'\]b[ Yk ]YgYbž'X]Y'X]Y'FY]Wk Y]hY  
i bX'XYb'Bi hnYb'XYg'8][ ]HcUXg!Hc\_Ybg'k Y]hYf'Ui gVUi Yb'\_ØbbhYb"

6Y[ fYb nhYg'5b[ YVchi bX

8YZ Uh]cbga YWk Ub]ga Yb

9]b'k Y]hYfYf'J cfhY]'ž'XYb'8][ ]HcUXg'[ Y[ YbØVYf'UbXYfYb'A Ya Y  
7c]bg'\Uhž']gh'XUg'VY[ fYbnhY'5b[ YVchi bX'X]Y'XYZUh]cbÅfYb  
A YWk Ub]ga Yb"9g[ ]Vh'bi f'%'\$"\$'\$'8][ ]HcUXgž'k Ug'VYXYi hYhž'XUgg  
XYf'Hc\_Yb'Y]bYb'ZYghYb'J cffUh'\Uhž'XYf'b]Wk h'Yf\Ø'h'k YfXYb  
\_Ubb"

8 UfØVYf'\]bUi g'\Uh'XUg'Dfc'Y\_h'a Y\ fYfY'8YZUh]cbga YWk Ub]ga Yb  
]a d'Ya Ybh]Yfhž'XUfi bhYf'Y]bY'6i fb!F UhY'VY]'HfUbgU\_h]cbYb'i bX  
Y]b'FØW\_\_Ui Zdfc[ fUa a ž'X]Y'XUni 'VY]hfU[ Yb'\_ØbbYbž'XUg  
5b[ YVchi'Ub'HC58G'ja '@Ui ZY'XYf'NY]h'ni 'fYXi n]YfYb"'8 Ug  
VY[ fYbnhY'5b[ YVchi bX'X]Y'XYZUh]cbÅfY'BUhi f'XYg'Hc\_Ybg  
\_ØbbhYb'gY]bYb'K Yfh'Yf\Ø'Ybž'k Ybb'X]Y'BUWk ZfU[ Y]a '@Ui ZY'XYf  
NY]h'ghY][ h"

DchYbn]U`ž'DYdY'fD9D9ĸ'ni 'ØVYfhfYZZYb

K Å\ fYbX'DYdY'fD9D9ĸ'Y]bY'k Y]hYfY'VY']YVhY'A Ya Y!A ØbnY']ghž'X]Y  
Y]bY'VYXYi hYbXY'5b\Åb[ YfgWk UZh[ Yk cbbYb'\Uhž'\_ØbbhY  
8][ ]HcUXg'g]Y'Ub[ Zf]gh][ 'ØVYfhfYZZYb"'K ]Y'VYfY]hg'Yfk Å\ bhž']gh'Y]b

k YgYbh]WYf'i bhYfgW]YX'i bX'Y]b'J cfhY]'ž'XYb'8][ ]HcUXg  
[ Y[ YbØVYf'D9D9\Uhž'gY]b'Y]bn][ Ufh][ Yg'6fUbX]b[ 'i bX'?'cbnYdh''

⇒ ; Y[ YbgUhn'ni 'D9D9ž'XUg'Ui Z'Y]bYa 'VY']YVhYb'⇒hYfbYh!A Ya  
VUg]Yfhž'\Uh'8][ ]HcUXg'gY]bY'Y][ YbYb'7\UfU\_hYfY'i bX  
<UbX'i b[ gghfÅb[ Y'[ YgWUZZYbž'X]Y']\a '\Y'ZYb'\_ØbbhYbž'g]W' ]b  
Y]bYa 'ØVYfZØ'hYb'A Uf\_h'UVni \YVYb"

8][ ]HcUXg'\Uh'a Y\fyfY']bbcj Uh]j Y'5bk YbXi b[ gZÅ''Y'i bX  
5bk YbXi b[ Yb' ]b'5fVY]hž'XUfi bhYf'Gd]Y'Y'i bX'5\_h]j ]hÅhYbž'X]Y'Yg  
6Ybi hnYfb'Yfa Ø[ ' ]WYbž'Ui Z'bYi Y'i bX'Ui ZfY[ YbXY'K Y]gY'a ]h  
\fyb'?'fØhYb'ni ' ]bhYfU[ ]Yfyb''8]Yg'\_ØbbhY'X]Y'5\_nYdhUbn'i bX  
BUW ZfU[ Y'bUW'XYa 'Hc\_Yb']a '@Ui ZY'XYf'NY]hj cfUbhfY]VYb'i bX  
'YnhYbX']W'ni 'Y]bYa '\Ø\YfYb'K Yfh'ZØ\fyb"

GW' ]Y» ' ]W'j YfZØ[ h'8][ ]HcUXg'ØVYf'Y]b'ghUf\_Yg'7ca a i b]hml'i bX  
Gi ddcfh!GmghYa ž'XUg'XUni 'VY]hfU[ Yb'\_ØbbhYž'XUg'6Yk i gghgY]b  
i bX'X]Y'5\_nYdhUbn'XYg'Dfc'Y\_hg'ni 'ZØfXYfb''8]YgYg'A U» 'Ub  
7ca a i b]hml bhYfghØhni b[ '\_Ubb'Y]b'Yf\YV']WYf'J cfhY]'ZØf'YXYg  
'?fmdhck Å\fi b[ gdfc'Y\_h'gY]bž'i bX'8][ ]HcUXg']gh'\_Y]bY'5i gbU\ a Y"

22'8][ ]HcUXg'Yhnh'\_Ui ZYb

8YhU]`g

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