

6H7ž'9H< '\_cbgc`X]YfYb'j cf'I G!  
J YfVfUi W\Yfgh]a a i b[ gXUhYb`  
A Uf\_hU\_hi U`]g]Yfi b[ Yb

6]hWc]b'\_cbgc`X]YfhY'Ua : fY]hU[ ž'U`g'< ÅbX`Yf'g]W\`Ui ZX]Y  
J YfÖZZYbh]W\i b[ 'XYf'VYj cfghY\YbXYb'NU\`Yb'ni f  
J YfVfUi W\Yfgh]a a i b[ 'Ui g'XYb'J YfY]b][ hYb'GhUUhYb  
j cfVYfY]hYhYb''B UW\`Y]bYa '5bgh]Y[ 'Ui Z'Y]b': ØbZa cbUhg\cW  
Ua '8cbbYfghU[ 'U[ Yb'X]Y'DfY]gY'k ]YXYf'i bhYf'&' "\$\$\$`~ "  
9h\YfYi a 'fi hgW\hY'YVYbZU``g'UV'i bX'VYk Y[ hY'g]W\`XUVY]  
i bhYf'%"\* \$\$\$`~ "'6]hWc]b'6]hWc]b'f6]hWc]b'Z]Y``Ua : fY]hU[  
k ]YXYf'i bhYf'&' "\$\$\$`~ ž'U`g'g]W\`X]Y'A Åf\_hY'j cf'XYb'I G!  
J YfVfUi W\Yfgh]a a i b[ gXUhYb'\_cbgc`X]YfhYb''6]hWc]b# G8  
fi hgW\hY'ZfØ\Yf'']b'XYf'\Yi h][ Yb'G]hni b[ 'Ui Z'Y]bYb  
H]Y ZghghUbX'j cb'&&"\*) ( ž) - ``ž'k Yb][ Yf'U`g'&( 'Ghi bXYb  
bUW\XYa 'Yg'Y]b'<cW'j cb'&' "&%) ž\$\$\$`~ 'YffY]W\h'\UhhY''8Yf  
FØW\_[ Ub[ 'YfZc`[ hY'j cf'XYa 'I G!  
J YfVfUi W\Yfgh]a a i b[ gVYf]W\hj cb'\Yi hY'B UW\`a ]hU[ ž'XYf  
/ Ua d^Y``]d/

6]hWŁ]b`\_c b g c`]X]Y f h Y`U a` : f Y]h U[ ž`U`g`<`À b X`Y f`g]W Ł`U i`Z`X]Y  
J`Y f`Ò`Z`Z`Y`b`h`]W Ł`i`b`[`X`Y`f`V`Y`j`c`f`g`h`Y`\\`Y`b`X`Y`b`N`U`\\`Y`b`n`i`f`  
J`Y`f`V`f`U`i`W Ł`Y`f`g`h]a`a`i`b`[`U`i`g`X`Y`b`J`Y`f`Y]b][`h`Y`b`G`h`U`U`h`Y`b`  
j`c`f`V`Y`f`Y]h`Y`h`Y`b`" `B`U`W Ł`Y]b`Y`a` `5`b`g`h]Y`[`U`i`Z`Y]b`  
: `Ø`b`Z`a`c`b`U`h`g`\\`c`W Ł`U`a` `8`c`b`b`Y`f`g`h`U`[` `U`[`Y`b`X]Y`D`f`Y]g`Y`k` ]Y`X`Y`f`  
i`b`h`Y`f`&` "\$`\$`\$`~`" `9`h`\\`Y`f`Y`i`a` `f`i`h`g`W Ł`h`Y`Y`V`Y`b`Z`U``g`U`V`i`b`X`  
V`Y`k`Y`[`h`Y`g]W Ł`X`U`V`Y]i`b`h`Y`f`%`\*`\$`\$`~`" `

## 6]hWŁ]b

6]hWŁ]b`f`6]hWŁ]b`Ł`Z]Y`U`a` : f Y]h U[ `k` ]Y`X`Y`f`i`b`h`Y`f`&` "\$`\$`\$`~` ž`U`g`g]W Ł`  
X]Y`A`À`f`\_`h`Y`j`c`f`X`Y`b`i`G`!`J`Y`f`V`f`U`i`W Ł`Y`f`g`h]a`a`i`b`[`g`X`U`h`Y`b`  
\_`c`b`g`c`]X]Y`f`h`Y`b`"

6]hWŁ]b`#`G`8`f`i`h`g`W Ł`h`Y`Z`f`Ø`\\`Y`f`]b`X`Y`f`\\`Y`i`h][`Y`b`G]h`n`i`b`[`U`i`Z`Y]b`Y`b`  
H]Y`Z`g`h`g`h`U`b`X`j`c`b`&&"\*)`(`ž`)-`~`ž`k`Y`b][`Y`f`U`g`&(`G`h`i`b`X`Y`b`b`U`W Ł`X`Y`a`  
Y`g`Y]b`<`c`W Ł`j`c`b`&` "&%`ž`\$`\$`~`Y`f`f`Y]W Ł`h`\\`U`h`Y`"

8`Y`f`F`Ø`W`\_`[`U`b`[`Y`f`Z`c`[`h`Y`j`c`f`X`Y`a` `i`G`!  
J`Y`f`V`f`U`i`W Ł`Y`f`g`h]a`a`i`b`[`g`V`Y`f]W Ł`h`j`c`b`\\`Y`i`h`Y`B`U`W Ł`a` ]h`h`U`[`ž`X`Y`f`  
j`c`f`U`i`g`g]W Ł`h]W Ł`V`Y]`\*`(`ž`\*`~`]Y`[`Y`b`k` ]f`X`"

6]hWŁ]b`#`G`8` ` `H`U`[`Y`g`W Ł`U`f`h`

K` ]Y`U`i`g`X`Y`a` `8`]U`[`f`U`a`a` `Y`f`g]W Ł`h]W Ł`]g`h`ž`b`À`\\`Y`f`h`Y`g]W Ł`U`i`W Ł`X`Y`f`  
F`Y`U`h]j`Y`G`h`f`Y`b`[`h`\\`ϕ`X`Y`I`f`F`G`±`Y]b`Y`a` `6`c`X`Y`b`j`c`b`+,`ž`\$`\$`ž`k`U`g`n`i`  
Y]b`Y`f`Y]W Ł`h`Y`b`J`Y`f`g`W Ł]Y`V`i`b`[`X`Y`g`A`c`a`Y`b`h`i`a`g`Z`Ø`\\`f`h`Y`"

8`Y`f`[` `Y]h`Y`b`X`Y`%`\$`!`H`U`[`Y`g`!`8`i`f`W Ł`g`W Ł`b]h`h`f`f`c`h`Ł`V`Y`k`Y`[`h`g]W Ł`k`Y]h`Y`f`\\`]b`  
U`i`Z`k`À`f`h`g`ž`g`c`h`h`Y`g]W Ł`X`Y`f`ϕ`X`Y`I` `Y`X`c`W Ł`i`b`h`Y`f`+,`ž`\$`V`Y`k`Y`[`Y`b`ž`k` ]f`X`  
g]W Ł`X]Y`g`Y`f`H`f`Y`b`X`k`U`\\`f`g`W Ł`Y]b`]W Ł`i`a`\_`Y`\\`f`Y`b`"

8`Y`f`n`Y]h`~`]Y`[`h`X`Y`f`ϕ`X`Y`I` `V`Y]`+`-`ž`\*`(`ž`a` ]h`6]hWŁ]b`#`G`8`k` ]f`X`V`Y]`  
&&"-`\*)`ž`\*`\$`\$`~`[`Y`\\`U`b`X`Y`h`"

Ÿ`h`\\`Y`f`

9g[ UV`Y]bYb`Y]W`hYb`Gh]a a i b[ gi a gW`k i b[ `VY]`9h\YfYi a  
f9H< ěk cVY]`g]W`X]Y`DfY]gY`k`À\fybX`XYf`\Yi h][ Yb`G]hni b[ `i bhYf`  
%`\* \$\$`~ `VYk Y[ hYb`"

B UW`Y]bYa`<cW`j cb`%`\*`%- ž( )`~ `Ua`'8 cbbYfghU[ `9H< # G8`Z]Y`  
ZfØ\Yf`Ua`'HU[ `Ui Z`Y]b`'hfUXUm`H]Y Z`j cb`%` ) \* ) ž& )`~`"

8 Yf`\Yi h][ Y`G`W`f]h`h`YfZc`[ hYž`U`g`X]Y`nk`Y]h[ fØ» hY`? fmdhck`À\fi b[  
XYf`K`Y`h`Ua`'A`]hk`cW`b`]W`h`b`X`Yf`@U[ Y`k`Ufž`ØVYf`Y]b  
K`]XYfghUbXgb]j`YUi`j`cb`%`\*`(\$`~`'Ui`gni`VfYW`Yb`"

9H< # G8`'`HU[ YgW`Ufh`

GY]hXYa`'\UVYb`g]W`X]Y`DfY]gY`]b`'Ui`Z`Y]b`Ub`XYfZc`[ Yb`XYb`  
G]hni b[ Yb`'Ui`Z`b]Y`X`f][ YfY`H]Y`Zghgh`À`b`X`Y`VYk`Y[ hž`k`cVY]`X`Yf`F`G`=j`cb`  
9h\YfYi a`'Y`VYb`ZU`g`i`bhYf`Y]b`Yb`k`]W`h][ Yb`l`bhYfghØ`hni b[ gdi`b`\_`h`  
[ YZU`Yb`]gh`"

8 Yf`'b`XYI`'VYk`Y[ h`g]W`'VY]`\*`%ž- ( žk`Ug`[ Yf]b[ ZØ[ ]][ `i`bhYf`gY]bYa`  
'Øb[ ghYb`'6cXYb`VY]`\*'`ž`\$`\$`i`b`X`XYa`'gW`k`À`W`ghYb`'GhUbX`gY]h`XYa`  
,`" `đbi`Uf`Y[ h`"

Gc`hY`g]W`X]Y`gYf`fØW`\_`Ài`Z][ Y`HfYbX`V]g`ni`a`'K`cW`Yb`Yb`XY`  
Zc`fhgY`hnYbž`]gh`X]Y`g`gY`f`k`U`f`gW`Y]b`]W`'9H<`'k`]fX`Y]b`Yb`'6cXYb`  
VY]`%`)"`\$\$`~`'YffY]W`Yb`"

F Y[ ]ghf]YfYb`G]Y`\]Yf`'fY`9!A`U]`!5XfYggYž`i`a`'k`ØW`Yb`h`]W`Y`  
DfY]gUbU`mgY!!`dXUhYg`Ub`'fYb`DcghY]b[ Ub[ `ni`'Yf`U`hYb`.

K`YfXYb`X]Y`\Yi h][ Yb`'8`UhYb`?`fmdhck`À\fi b[ Yb`\Ø\Yf`  
gYb`XYb`3`<]bhYf`UggYb`G]Y`'fY`';`YXUb`\_`Yb`]b`X`Yb`  
?`ca`a`Yb`h`UfYb`'i`bhYb`"

9`ja Ub`8Ua Y`

9`ja Ub`Vf]b[ h`Y]bYb`Y`\_Y`\_h]gW`Yb`GhUbXdi b`\_h`b`X]Y`A Uf`\_hUbU`mgY`Y]b`"Ni j cf`k Uf`Yf  
6fc`\_YfU[ Y`8]fYWhcf`i bX`Cb`]bY!HfUX]b[ !5i gv`]XYf`"8YfnY]hZi b[ ]Yfh`Yf`U`g  
?ca a YbhUhc`f`Z0f`j YfgW]YXYbY`5b`U[ Y`\_UggYb`z`XUfi bhYf`? fmdhc`z`5`\_h]Yb`i bX  
8Yj ]gYb`z`i bX`]gh[ `Y]W`nY]h][ ; f0bXYf`Y]bYg`GhUfhi dg"

6]`Xb UW`k Y]g. `G\i hhYfg`hc`W`z`D]l UVUm`z`K ]\_]7ca a cbg

6Y`]YVhYfY`B UW`f]W`hYb

: U`g`8i `Yg`j YfdUggh`\Ugh

f0 bWh]cbfX`z`g`z`]X`o`j Uf`^g`z`Z`g`1`X"[ Yh9`Ya Ybhg6mHU[ BUa Yfg`L`Q`\$`Q`  
]Z`fX"[ Yh9`Ya Ybh6m`X`f]X`k`f`Y`hi`fb`/`^g`1`X"WfYUhY9`Ya Ybhfg`k`/`^g"]X`1  
]X`/`^g`"gfWl "`\`h`h`d`g`.#`A`c`b`b`Y`W`h`"Z`U`W`V`c`c`\_"`b`Y`h`#`b`S`l`G`#`g`X`\_"`^g`. l`Z`v`a` `1`%`/  
j`Y`fg]cb1`j`'`" `&"/`Z`g`"d`U`f`Y`b`h`B`c`X`Y"]bgYfh6Y`Z`c`f`Y`f`l`g`z`Z`g`k`/`q`f`X`c`W`a`Y`bh`z`  
fgWf]d`h`f`z`f`Z`U`W`V`c`c`\_!`^g`g`X`\_`f`k`k`/`

8YhU]`g

6Ygi W`X`Y`b`G]Y`i`bg`Ui`Z.`\_fmdhc!bYk`g"Uh