



# ARTS3065

9l d`cfUh]cbg`]b`7 cbhYa dcfUfm: ]a `H\Ycfm`7 UdghcbY

GYa YghYf`Hk c`#`&\$%



GWcc`cZH`Y`5ftg`UbX`A`YXJU`#`I`BGK`..5ftg`UbX`GcWJU`GWYbWg

# 7 ci fgY`Cj Yfj ]Yk

`GHUZZ7cbhUW`8YHJ`g`

`7cbj Ybcfg`

B Ua Y	9a Uj`	5j Uj`UVj]m	@cWUhc b	D\cbY
>cX]6fcc_g	^Vfcc_g4 i bgk "YXi "Ui	A cbXUm g%&da	&' %< `K YVghYf`6i ]X]b[	-', ,) *' )

## GW`cc`7cbhUW`bZcfa Uh]cb

F cca " %&ž`Yj Y`" `F cVYfhk YVghYf`6i ]X]b[

D\cbY. f\$&Ł`-' , ) `( , ) \*

9a Uj]: [gUa 4 i bgk "YXi "Ui](#)

K YVg]hY: [\hfdg.#gUa "Ufng"i bgk "YXi "Ui](#)

H\Y`GW`cc`cZ`hY`5fng`UbX`A`YX]U`k`ci`X`\_]`Y`hc`F`YgdYW`Z`m`5W`bck`YX[`Y`h`Y`HfUX]h]cbU`7`i`g`hcX]Ubgž`h`Y`6YXY[`U`f`P`Ybg]b[`h`cb`W`Ua`di`g`Łž;`UX][`U`f`7`]m`UbX`5`f`h`8`Yg][`b`7`Ua`di`g`YgŁ`UbX`h`Y`B`[`i`bb`Uk`U`d`Ycd`Y`f`6i`ghfU]Ub`8`YZ`b`W`:`cf`W`5`W`UX`Ya`m]b`7`Ub`VY`ff`UŁ`c`Z`h`Y`Ub`X`g`k`Y`f`Y`Y`U`W`W`Ua`di`g`c`Z`I`B`G`K`]g`c`W`U`h`X`"

## 5 hY`bX`Ub`W`F`Ye`i`]f`Ya`Y`b`hg

5`gh`XY`bh]g`YI`d`Y`W`X`h`c`U`h`Y`b`X`U`W`U`g`g`W`c`b`h`U`W`h`c`i`fg`Z`c`f`U`Z`J`W`!`h`c`!`Z`J`W`f`l`&`Ł`c`f`V`Y`b`X`Y`X`W`c`i`fg`Y`Ub`X`W`c`a`d`Y`h`U`W`U`W`j`]h`Y`g`Z`c`f`U`V`Y`b`X`Y`X`c`f`Z`m`c`b`]b`Y`W`c`i`fg`"

5`gh`XY`bhk`c`U`ff]j`Y`g`a`c`f`Y`h`Ub`%`a`]b`i`h`Y`g`U`h`Y`a`U`m`V`Y`d`Y`b`U`]g`Y`X`Z`c`f`b`c`b`!`U`h`Y`b`X`Ub`W`"Z`g`i`W`U`d`Y`b`U`m`]g`]a`d`c`g`Y`X`ž`h`Y`gh`XY`bh`i`a`gh`V`Y`]b`Z`c`fa`Y`X`j`Y`f`V`U`m`U`h`h`Y`Y`b`X`c`Z`W`U`g`g`U`b`X`U`X`j`]g`Y`X`]b`k`f`]h`b[`k`]h`]b`&(`\`c`i`fg`"

Z`U`gh`XY`bh`YI`d`Y`f`]Y`b`W`g`]`b`Y`g`g`ž`a`]g`U`X`j`Y`b`h`f`Y`c`f`c`h`Y`f`c`W`W`f`f`Y`b`W`h`U`h`a`U`\_`Y`g`U`V`g`Y`b`W`Z`c`a`U`W`U`g`g`#`U`W`j`]m`i`b`U`j`c`]X`U`V`Y`ž`c`f`YI`d`Y`W`g`h`c`V`Y`U`V`g`Y`b`h`Z`c`a`U`Z`c`f`h`W`c`a`]b[`W`U`g`g`#`U`W`j`]m`ž`h`Y`m`i`g`l`c`i`X`g`Y`Y`\_`d`Y`f`a`]g`g`]c`b`Z`c`a`h`Y`7`c`i`fg`Y`5`i`h`c`f`]m`ž`U`b`X`k`Y`f`Y`U`d`]W`U`V`Y`ž`h`Y`f`f`e`i`Y`g`h`g`l`c`i`X`V`Y`U`W`W`c`a`d`U`b`]Y`X`V`m`U`b`c`f`]`]b`U`c`f`W`f`]Y`X`W`c`d`m`c`Z`U`a`Y`X`]W`W`f`]h`Z`W`U`h`c`f`c`h`Y`f`Z`c`fa`c`Z`U`d`d`f`c`f`]U`h`Y`j`]X`Y`b`W`"

5`7`ci`fg`Y`5`i`h`c`f`]m`a`U`m`YI`W`g`Y`U`gh`XY`bh`Z`c`a`W`U`g`g`Y`g`c`f`U`W`j`]h`Y`g`Z`c`f`i`d`h`c`b`Y`a`c`b`h`"<`c`k`Y`j`Y`f`ž`h`Y`m`a`U`m`U`g`g`][`b`U`X`X`]h]cbU`Ub`X`#`f`U`h`Y`f`b`U`h]j`Y`h`U`g`\_`g`h`c`Y`b`g`i`f`Y`W`c`a`d`]U`b`W`"5`7`ci`fg`Y`5`i`h`c`f`]m`W`c`b`g`]X`Y`f`]b[`h`Y`[`f`U`b`h]b[`c`Z`U`V`g`Y`b`W`a`i`gh`V`Y`g`U`h]g`Z`Y`X`U`gh`XY`bh`k`]g`h`V`Y`U`V`Y`h`c`a`Y`Y`h`h`Y`W`c`i`fg`Y`g`Y`U`f`b`]b[`c`i`h`W`c`a`Y`g`U`b`X`#`f`]`c`i`a`Y`c`Z`Y`U`f`b`]b[`"5`gh`XY`bh`g`Y`Y`\_]b[`U`d`d`f`c`j`U`h`c`V`Y`U`V`g`Y`b`h`Z`c`f`a`c`f`Y`h`U`b`c`b`Y`a`c`b`h`a`i`gh`U`d`d`m`]b`k`f`]h`b[`h`c`h`Y`8`Y`U`b`U`b`X`d`f`c`j`]X`Y`U`c`f`]`]b`U`c`f`W`f`]Y`X`g`i`d`d`c`f`]h`b[`X`c`W`a`Y`b`h`U`h]cb`"

:`c`f`a`c`f`Y`]b`Z`c`fa`U`h]cb`U`V`c`i`h`h`Y`U`h`Y`b`X`Ub`W`d`f`c`h`W`c`g`]b`h`Y`:`U`W`m`i`c`Z`5`f`ng`U`b`X`G`c`W`U`G`W`Y`b`W`g`[\hfdg.#k k k "Ufng"i bgk "YXi "Ui #W ffYbhgh XYbhg#UWUXYa \]W\]bZcfa Uh\]cb#dfcŁcŁc`g!\[i \]XY`\]bYg#](#)

## 5 W`U`X`Y`a`]W`b`Z`c`fa`U`h]cb`

: cf`YggYbh]U`gh XYbh]bZcfa Uh]cb`fY`Uh]b[ `rc.`fYei Yg]g`Zcf`YI hYbg]cb/fYj ]Yk `cZa Uf\_g/cVW dUh]cbU`YU`h

7 ci fgY'8YHJ)`g

7 fYX]hDc]bhr`\*`

Gi a a UfmicZ`h`Y'7 ci fgY

Gi V`Y`W`i`5`f`Y`U`.: ]a`G`h`X`J`Y`g

H\]g`W`i` fgY`Y`b[ U[ Y`g`k` ]h`gd`Y`W`Z`W`X`Y`V`U`H`g` ]b`W`c`b`h`Y`a` d`c`f`U`f`m`Z`a` `h`Y`c`f`m`U`h`U`b`U`X`j` U`b`W`X`:`Y`j`Y`" `#` ]b`j`c`j` Y`g`  
W`f`h`W`U`b`U`m`g` ]g`c`Z`\_`Y`m`h`Y`c`f`Y`h`W`U`h`Y`i` h`g` ]b`Z`a` `h`Y`c`f`m`X`Y`V`U`H`g`z`U`b`X`:`h`Y`j` ]Y`k` ]b[ `U`b`X`:`U`b`U`m`g` ]g`c`Z`U`k` ]X`Y`  
f`U`b[ Y`c`Z`Z`a` g`" H\`f`c`i` [ \ `h`Y`U`X` ] U`b`W`X`:`g`h` X`m`c`Z`\_`Y`m`U`F`Y`U`g` ]b`Z`a` `h`Y`c`f`m`X`Y`V`U`H`g`m`c`i` `k` ]`" `X`Y`j` Y`c`d`U`b`  
i` b`X`Y`f`g`h`U`b`X` ]b[ `c`Z`h`Y`:`W`c`b`W`f`b`g`U`b`X`:`d`U`f`U`a` Y`h`f`g`c`Z`h`Y`:`X` ]g`W`d` ]b`Y`U`b`X`:`h`Y`k` U`m`g` ]b`k` \ ]W`X` ]h`Y`i` d`c`f`Y`g`h`Y`  
Y`h` ]W`U`z`c`b`h`c`c` ]W`U`z`W` `h`i` f`U`z`U`b`X`:`\` ]g`h`c`f` ]W`U` ]a` d` ]W`h`c`b`g`c`Z`d`U`f`h`W`U`f`Z`a` ]W` ]a` U[ Y`g`:`U`b`X`:`Z`a` `d`f`U`W`h`W`g`"  
D`c`g`g` ]V`Y`:`h`c`d` ]W`g` ]b`W`i` X`Y`:`h`Y`c`f` ]Y`g`c`Z`Z`a` `g`d`Y`W`U`h`c`f`g` \ ]d`z`d`g`m`X`c`U`b`U`m`g` ]g`z`f`Y`U` ]g`a` z`Z`a` `g`c`i` b`X`:`U`b`X`:`Z`a` ]b` ]g`h`  
Z`a` `h`Y`c`f`m`

5 h`h`Y`W`c`b`W`i` g` ]c`b`c`Z`h` ]g`W`c`i` fgY`h`Y`g`h`i` X`Y`b`h`k` ]`" `V`Y`U`V`Y`h`c`

- %` F` Y`W`c` ]b` ]g`Y`U`b`X`:`U`f`h`W`U`h`Y`\_`Y`m`U`F`Y`U`g`c`Z`h`Y`c`f`Y`h`W`U`X`Y`V`U`H`Y`U`b`X`:`X` ]g`W`d` ]b`U`f`m`\_`b`c`k` `Y`X`[ Y` ]b`.: ]a`  
G`h`X`J`Y`g`
- &` 7`c`b`X`i` W`h`g`W`c`U`f`m`Y`b`e`i` ]f`m`c`b`U`g`d`Y`W`g`c`Z`g`W`Y`Y`b`W` `h`i` f`Y`
- `" `X`Y`b`h`Z`m`d`c` ]b`h`c`Z` ]b`h`f`g`Y`W`h`c`b`V`Y`h`k` Y`Y`b`X`Y`V`U`H`g` ]b`.: ]a` `G`h`X`J`Y`g`U`b`X`:`X`Y`V`U`H`g` ]b`:`h`Y`<`i` a` U`b` ]h`Y`g`  
a`c`f`Y`[ Y`b`Y`f`U`m`
- (` 8` ]g`d`U`m`g`\_` ]g` ]b`f`Y`g`Y`U`f`W` ]b[ z`X`f`U`Z` ]b[ `U`b`X`:`k` f`h` ]b[ `U`b`U`W`X`Y`a` ]W`Y`g`g`U`m`f`Y`U`h`j` Y`h`c`.: ]a` `G`h`X`J`Y`g`U`b`X`  
 ]h`g`U`d`d` ]W`h`c`b`
- )`" 7`c`a` a` i` b` ]W`h`Y`:`h`Y`c`i` h`W`c`a` Y`g`c`Z`h`Y`f`f`Y`g`Y`U`f`W` ]b`V`c`h`g`W`c`U`f`m`U`b`X`:`b`c`b`!`g`d`Y`W`U` ]g`h`U`b`[ i` U[ Y`

H`Y`U`W`X` ]b[ `G`h`f`U`h`[ ]Y`g`

G`W`U`Z`c`X`Y`X`:`Y`U`f`b` ]b[ ]g`W`b`h`f`U`h`c`h`Y`h`Y`U`W`X` ]b[ `g`h`f`U`h`[ ]Y`g`X`Y`d`c`m`Y`X` ]b`h` ]g`W`c`i` fgY`" 5`g`U`W`U`d`g`h`c`b`Y`W`c`i` fgY`  
5`F`H`G` ` \$`\*) `d`f`c`f`h`g`Y`g`Z`c`f`a` U`h`j` Y`e`i` Y`g`h`c`b` ]b[ z`c`b`[ c` ]b[ `X` ]U`c`[ i` Y`U`b`X`:`d`Y`Y`f`h`c`!`d`Y`Y`f`Y`U`f`b` ]b[ `U`b`X`:`h`Y`U`W`X` ]b[ z`  
Y`U`W`X`:`c`Z`k` \ ]W`X`d`U`m`U`\_`Y`m`d`U`f`h` ]b`h`Y`k` Y`Y`\_`m`g`Y`a` ]b`U`f`g`" 7`c`i` fgY`a` U`h`f` ]U`g`U`b`X`:`W`U`g`g`X` ]g`W`g`g` ]c`b`g`U`f`Y`  
X`Y`g` ]b`Y`X`h`c`W`X`U`Y`b[ Y`g`h`i` X`Y`b`h`g`h`c`i` [ \ `X`Y`Y`d`Y`f`Y`U`f`b` ]b[ `U`b`X`:`X` ]g`W`g`g` ]c`b`U`b`X`:`h`c`Y`b`U`V`Y`g`h`i` X`Y`b`h`g`h`c`a`c`j` Y`  
V`Y`m`c`b`X`h`Y`f`W`f`Y`b`h`g`\_` ]b`U`b`X`:`\_`b`c`k` `Y`X`[ Y`Y`j` Y`g`" #`h` ]g`W`c`i` fgY`U`g`g`Y`g`g`a` Y`b`h`h`U`g`\_` ]b`U`b`X`:`h`Y`U`W`X` ]b[ `g`h`f`U`h`[ ]Y`g`  
U`f`Y`X`Y`Y`d`m` ]b`h`Y`f`h`k` ]b`Y`X`z`k` ]h`g`h`i` X`Y`b`h`g` \ ]U`j` ]b[ `h`Y`c`d`d`c`f`h`i` ]m`h`c`X`Y`j` Y`c`d`U`b`X`:`k`c`f`\_`g` \ ]c`d`h`Y`f` ]X`Y`U`g`U`b`X`  
d`f`c`Y`W`g`h`c`i` [ \ `g`W`U`Z`c`X`Y`X`Z`c`f`a` U`h`j` Y`U`b`X`:`g`i` a` a` U`h`j` Y`U`g`g`Y`g`g`a` Y`b`h`h`U`g`\_`g`"

5ggYgga Ybh




Gi Va ]gg]cb'cZ5ggYgga YbhHUg\_g

Gh XYbng'UFY'YI dYWX'hc'di h'AY]f'bUa Yg'UbX'ghi XYbhbi a VYfg'cb'Yj YfmdU[ Y'cZ'AY]f'Ugg][ ba Ybng"

Hi fb]h]b'Gi Va ]gg]cb

Zmci 'YbWci bhYf'U'dfcV'Ya 'k \Yb'UHYa dh]b[ 'hc'gi Va ]hrci f'Ugg][ ba Ybh'fci [ \ 'Hi fb]h]bzd'YUgY  
HY'Yd\cbY'9I HYfbU'Gi ddcfhcb'-', ) '' '' %cf'Ya U]'hYa 'cb'[YI HYfbU'HY'fji ddcfh i bgk "YXi "Ui."](#)Gi ddcfh  
\ci fg'UFY', .\$\$Ua '-'%. \$\$da 'cb'k YY\_XUmg'UbX'-. \$\$Ua '-'). \$\$da 'cb'k YY\_YbXg'f1 \*) 'XUmg'U'mYUfL' Zmci  
UFY'i bUV'Y'hc'gi Va ]hrci f'Ugg][ ba YbhXi Y'hc'U'ZU'i 'hk ]h'Hi fb]h]b'mci 'a UmiUdd'miZcf'Ub'YI HYbg]cbz'Vi hrci  
a i ghfYh]b'mci f'h]W\_Yhbi a VYf'Z'ca '9I HYfbU'Gi ddcfhfU'cb[ 'k ]h'Ubmc'hYf'fY'Yj UbhXcW a Ybng'hc  
]bWi XY'Ug'Yj ]XYbW'hc'gi ddcfhrci f'YI HYbg]cb'Udd'jW]h]cb" Zmci 'Ya U]'9I HYfbU'Gi ddcfhrci 'k ]`  
Ui 'ca U]W]m'fYW]j Y'U'h]W\_Yhbi a VYfz'Vi h]Zmci 'HY'Yd\cbY'mci 'k ]`b'YX'hc'gdYW]W]m'Ug\_'Zcf'cbY"  
Hi fb]h]b'U'gc'dfcj ]XYg'i dXUHYg'cb'hAY]f'gmghYa 'ghU'h'g'cb'Hk ]HYf"

; YbYfU'mz'UggYgga YbhHUg\_g'a i ghVY'gi Va ]HYX'Y'YWfcb]W]mj ]U'Y]h'Yf'Hi fb]h]b'cf'U'A ccX'Y  
Ugg][ ba Ybh' b ]bgfU'bw'g'k \YfY'h.]g ]g'bchidcgg]V'YZ]hk ]`VY'g'UHYX'cb'mci f'Wci fgY'g'A ccX'Y'g]HY'k ]h  
U'HYfbU]j Y'gi Va ]gg]cb'XYh]g"

@UH'5ggYgga YbhDYbU'h]Yg

- K cf\_gi Va ]hYX`%\$`hc`%-`XUmg`UZhf`h`Y`gh]di`UH`X`XYUX`]bY`k`j`VY`UggYggYX`UbX`ZYXVUW`dfcj`]YX`Vi`hU`a`Uf`\_`cZnYfc`k`j`VY`fYW`fYX`" `Z`h`Y`k`cf`\_`k`ci`X`U`j`Y`fYW`]j`YX`U`dUgg`a`Uf`\_`Vi`hZ`f`h`Y`U`h`b`Y`gg`UbX`h`Y`k`cf`\_`]g`U`W`a`di`gc`fm`W`i`fg`Y`W`a`dcb`Y`bh`f`i`f`X`Y`f`Y`ei`]f`Y`a`Y`b`h`Z`U`g`h`X`Y`bh`k`]`VY`X`Y`a`Y`X`h`\_`U`j`Y`a`Y`h`h`U`h`f`Y`ei`]f`Y`a`Y`b`h`/`
- K cf\_gi Va ]hYX`&\$`cf`a`cf`Y`XUmg`UZhf`h`Y`gh]di`UH`X`XYUX`]bY`k`j`bch`VY`U`W`W`d`h`X`Z`f`UggYgga`Ybh`UbX`k`j`fYW`]j`Y`bc`ZYXVUW`z`a`Uf`\_`cf`[`f`U`X`Y`" `Z`h`Y`UggYgga`Ybh`U`g`\_`]g`U`W`a`di`gc`fm`W`a`dcb`Y`bh`c`Z`h`Y`W`i`fg`Y`U`g`h`X`Y`bh`k`]`f`Y`W`]j`Y`Ub`l`bg`U`h`g`Z`U`W`c`fm`:`U`]`f`l`:`k`[`f`U`X`Y`U`g`U`f`Y`gi`h`c`Z`i`bg`U`h`g`Z`U`W`c`f`m`d`Y`f`Z`c`f`a`U`b`W`]b`U`b`Y`gg`Y`b`h`]U`W`a`dcb`Y`bh`c`Z`h`Y`W`i`fg`Y`"

H\]g`]bZ`c`f`a`U`h`c`b`]g`U`g`c`U`j`U`]`\$` %o`f`m` %o` %o` %o`



5 WUXYa ]W<c bYghmUbX 'D`U[ ]Uf]ga

D`U[ ]Uf]ga ]g`i g]b[ 'hY`k cfXg`cf]XYUg`cZchYfg`UbX`dfYgYbh]b[ 'hYa`Ug`mci`f`ck`b" #WUbb`hU`Y`a`Ubm`  
Z`fa`g`z`Z`ca`'XY`]VYfUHY`WXYU]b[ 'hc`UW]XYbhU`mW`dm]b[ 'Z`ca`'U`gci`fW`k`]h`ci`hUW`bck`YX[ Ya`Ybh`

I BGK`[ fci`dg`d`U[ ]Uf]ga`]bhc`hY`Z`ck`]b[`WUHY`[ cf]Yg.

7cdm]b[.`i`g]b[ 'hY`gUa`Y`cf`j`Yfmg]a`]Uf`k`cfXg`hc`hY`cf][ ]bU`hY`hcf`]XYU`k`]h`ci`hUW`bck`YX[ ]b[ 'hY`  
gci`fW`cf`i`g]b[ 'ei`chU]cb`a`Uf`g" `H`]g`U`gc`Udd`Yg`hc`]a`U[ Yg`z`Uf`h`UbX`XYg][`b`dfc`YW`g`z`Ug`k`Y`" `Ug`  
dfYgYbhU]cbg`k`YfY`gca`YcbY`dfYgYbh]g`UbchYf`g`]XYUg`cf`k`cfXg`k`]h`ci`hW`YX]h`

#Uddfcdf]UHY`dUfUd`fUg]b[.`7`U`b[ ]b[ 'U`Z`k`k`cfXg`UbX`d`fUgYg`k`Y`a`cghmifYU]b]b[ 'hY`cf][ ]bU`  
g]fi`W`fY`UbX`#`f`dfc[`fYgg]cb`cZ]XYUg`cZ`hY`cf][ ]bU`z`UbX`]bZ`fa`U]cb`k`]h`ci`hUW`bck`YX[ Ya`Ybh`H`]g`U`gc`  
Udd`Yg`]b`dfYgYbhU]cbg`k`YfY`gca`YcbY`dUfUd`fUgYg`UbchYf`g`]XYUg`cf`k`cfXg`k`]h`ci`hW`YX]h`UbX`hc`  
d]YW]b[ 'hc[ Y`hYf`ei`chYg`UbX`dUfUd`fUgYg`]bhc`U`bYk`k`Y`c`Y`z`k`]h`ci`hUddfcdf]UHY`fYZYfYbW]b[ "

7c`i`g]cb.`k`cf\_]b[ `k`]h`chYfg`Vi`hdUgg]b[ `cZ`hY`k`cf\_]Ug`U`dYfgcb`g`]bX]j`Xi`U`k`cf\_]7c`i`g]cb`U`gc`  
]bW`i`XYg`d`fcj`X]b[ `mci`f`k`cf\_]hc`UbchYf`gh`XYbhVYZ`fY`hY`Xi`Y`XUHY`z`cf`Z`f`hY`di`fdcgY`cZ`hY`a`  
d`U[ ]Uf]g]b[ `Uh`Ubm]h`a`Y`z`dUm]b[ `UbchYf`dYfgcb`hc`dYfZ`fa`Ub`UWUXYa`]W]Ug`z`ghU`]b[ `cf`UW`ei`]f]b[  
UbchYf`dYfgcb`g`UWUXYa`]Wk`cf\_]UbX`W`dm]b[ `]h`z`ZYf]b[ `hc`W`a`d`Y`h`UbchYf`dYfgcb`g`k`cf\_]cf`gYY\_]b[  
dUma`YbhZ`f`W`a`d`Y`h]b[ `UWUXYa`]Wk`cf\_]`

#Uddfcdf]UHY`W]hU]cb.`7`h]b[ `gci`fW`g`k`]W`U`j`Y`bchVYYb`fYUX`z`k`]h`ci`hUW`bck`YX[ ]b[ 'hY`" `gYW`bXUf`m`  
gci`fW`Z`ca`k`]W`\_`bck`YX[ Y`cZ`hY`a`\_`Ug`VYYb`cV]h]bYX"

8i`d`]WU]cb`f`f`gY`Z`d`U[ ]Uf]ga`"L`gi`Va`]h]b[ `mci`f`ck`b`k`cf`z`]b`k`Y`cf`]b`dUf`z`k`YfY`]h`Ug`d`fYj`]ci`g`m`  
VYYb`d`fY`dUfYX`cf`gi`Va`]hYX`Z`f`UbchYf`UggY`gga`Ybhcf`W`i`fgY`UhI`BGK`cf`UbchYf`i`b]j`Yfg]m`

7cffYW`fYZYfYbW]b[ `dfUW]W]g.






F Ygci fWg

DfYgWf]VYX 'F Ygci fWg'

9ggYbh]U' fYUX]b[ g

H\YfY'jg'bc'hYI hVcc\_'Zcf'h]g'Wci fgY'!!'hY'YggYbh]U'fYUX]b[ g'Zcf'YUW'k YY\_'k ]''VY'Uj U]UV'Y'cb'A ccX'Y  
h'fci [ \ '@Y[ Ubhc''H\YgY'fYUX]b[ g'UfY'YggYbh]U'Zcf'hY'gi WYggZ'`Wca d'Yh]cb'cZhY'Wci fgY'UbX'mci 'UfY  
YI dYWYX'hc'\_'YYd'i d'hc'XUHY'k ]h'U'fYUX]b[ g"

9ggYbh]U'a YX]U'hYI hg'fZ]a g'UbX'hY'Yj ]g]cb'gYf]Ygk'k ]''VY'Y]hYf'gWfYbYX']b'WUgg'UbX'#f'Uj U]UV'Y  
Y'YVfcb]W]`mh'fci [ \ 'A ccX'Y"

F YWca a YbXYX 'F Ygci fWg

F YWca a YbXYX'gi dd'Ya YbhUfmfYUX]b[ gZ'V]V]c[ fUd\]Yg'UbX'chYf'fYgYUfW'a Uhf]U'g'k ]''VY'Uj U]UV'Y  
h'fci [ \ 'hY'Wci fgY'A ccX'Y"

7ci fgY'9j U'i Uh]cb'UbX'8Yj Y'cda Ybh

Gh XYbhZYXVUW\_]g[ UH\YfYX'cb'h]g'Wci fgY'YUW'mYUf'Vch'h'fci [ \ 'Zcfa U'a YUbg'gi W'Ug  
A m9I dYf]YbW'UbX'h'fci [ \ 'fY[ i 'Uf'WUgg'X]gW'gg]cbg''H\]g'mYUf]g'ZcW'g'cb'gWfYb'a Y'cXfUa U']g'U  
fYgdcbgY'hc'dUghgh XYbh]bhYfYgh]b'h]g'hc'd]WUbX'U'gc'fYgdcbXg'hc'gh XYbhZYXVUW\_]Ug\_]b[ 'Zcfa c'fY  
cddcfh' b]h]Yg'hc'YI d'c'fY'hc'd]Wg'UbX'XYVUH'g']b'XYdh'"

⇒ U[ Y'7 fYX]h

6cX]Yg/ 'bhYfZUW'g'&\$%\*

7F ⇒ CG

7F ⇒ CG'Dfcj ]XYf'7cXY.'\$\$\$- , ;