

# **SOCW4017**

GcWJU`K cf\_'DfUWJWY'@YjY`'('D`UWYaYbh5

HYfa "Hk c "# "&\$&%

# 7 ci fgY Cj Yfj ]Yk

# GHJZZ:7cbHJWh:8YHJ]`g

### 7cbj Ybcfg

B Ua Y	9a U]`	5j U]`UV]`] <b>m</b>	@cWUh]cb	D\cbY
>UbY`8Ybb]g		, ,	F cca "%+\$ A cfj Yb 6fck b 6i ]`X]b[	\$(\$&"\$% \$%%

### GWXcc`7cbHJWhi±bZcfa Uhjcb

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Fcca '%) -

A cfj Yb 6fck b 7 &\$

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d\cbY. '\$&'-',) '% \$+

### 7ci fgY 8YW] g

#### 7 fYX]h'Dc]bhg'\*

### Gi a a UfmcZh\Y 7ci fgY

Mci f'ZbU''d'UWa Ybh'U''ck g'mci 'hc'Udd'mih\YcfYhWU''UbX'g ]'`g'VUgYX''YUfb]b[']b'U'dfUWfWYgYhfb["'Mci k]```VY``]b\_YX`k]h\`U'eiU`]Z]YX`gcW]U``kcf\_Yf]b`U`\iaUb`gYfj]WYg`U[YbWmcZZYf]b[`dfUW]WY`VUgYX``YUfb]b[ž ]b'UWWcfXUbW'k]h\'h\Y'55GK'DfUWfW'GHJbXUfXg"'H\]g'`YUfb]b['YIdYf]YbW']g'giddcfhYX'VmgcWJU``kcf\_ gi dYfj ]g]cb dfca chlb[ 'Wf]hJWU fYZYWhcb/]hk ]``[i ]XY mci 'h\fci [ \ 'U'XYj Y`cda YbhU`dfcW/gg ZcW g]b[ 'cb \_bck `YX[Yžg\_]``g`UbX`j U`i Yg`fY`Yj Ubhhc`h\Y`gcWJU``k cf\_'dfcZYgg]cb"'Mci 'UfY'Wcbgi `hYX'UVci hmci f d`UWa Ybh'U``cWUhcb'gc'mci f``YUfb]b['[cU`g'UbX'dfcZ/gg]cbU``]bhYfYqhg'UfY'[]j Yb'WcgY'Wcbg]XYfUhcb" D`UW'a Ybhg`cWW f`]b`X]j YfgY`WcbhYl hg`cZdfUWfWYgi W\`ug`\cgd]hU`gz`ghUhY`UbX`ZYXYfU``[cj Yfba Ybh XYdUfha YbhgžUbX bcb! [cj Yfba YbhWca a i b]hmVUgYX cf[ Ub]gUh]cbg" GcWJU k cf\_ ]bhYfj YbhJcbg a Um ]bWi XY'dc`]WhzrYgYUfW.z'Wci bgY``]b[z'WUgY'k cf\_'UbX'Wca a i b]mk cf\_"'Mci 'k]``XYj Y`cd'[YbYfU`'gcW]U` k cf 'g ]``gž'lfUbgZYfUV`Y 'lc 'U```gcWJU``k cf 'WcblYI lg"'H\Y'Z[fghdUfhcZd`UWYa YbhWca df]gYg'&' 'UlhYbXUbWY XUmg`f%\*' '\ci fg\!\UbX`]g`[YbYfU``mi bXYftU\_Yb`Zci f`XUmg`dYf`k YY\_`Zfca 'a ]X`HYfa '&"'H\Y`d`UWYa Ybh]g UWWca dUb]YX.VmU.gYf]Yg.cZ±bH/[fUh]cb.GYa ]bUfg.h\Ungi ddcfhUbX.Wca d`Ya Ybhmci f.Z]Y.X.VUgYX.`YUfb]b[ž k |h\ 'Ub'Ya d\ Ug]g'cb'h\ Ycfm dfUWfWY']bhY[fUh]cbž'Wf]hWU``gcW[U``k cf 'UbX'Wf]h]WU``fYZYWf]cb"'H\ ]g'Wci fgY']g DUffn5 cZmci figYWcbX: ]Y`X'9Xi WUffcb d`UWYa Ybrik \]W. Wcbffbi Yg']bhc HYfa '' 'Uhrh\Y'gUa Y'U[ YbWn]b'h\Y Wci fqY GcWU`K cf\_DfUWlWY@Yj Y`('D`UWYa Ybh6ž'Uhh\Y'YbX'cZk\\W\'[fUX]b[']q'Z|bU`]nYX Zcf'Vch\ Wci fgYg"

#### 7 ci fqY @YUfb]b[ 'Ci hMca Yq

- %" → XYbhZmUbX'Yj U'i UhY'`]b\_g'VYhk YYb'gcWjU``k cf\_'h\YcfmUbX'dfUWf\WY"
- &" I bXYfhU\_Y`gmghYa UhJW]bei ]fmk ]h\`UbX`cb`VY\U`ZcZ]bX]j ]Xi U`gž'Wti d`Ygž'ZJa ]`]Ygž'[ fci dg`UbX#tf Wta a i b]hJYg"
- '"JU`]XUhY`h\Y]f`XYjY`cd]b[`dfcZYgg]cbU``]XYbh]mmfYZYWfjY`mh\fci[\cihh\Y`d`UWYaYbh'
- (" 860/aa acbghfuh jb)hjuhji y ubx fygdcbg]v] ]hmonfulx(az 260cj) 820/da cbghgmHyfa ybh6bj6z6og]yg

7T8dYfh Y #Z7U

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- ' " Mcif(XU)m8]UfmUbX'k YY\_`mDfUWNW'>cifbU``ff\YgY'WcbhJbiY'Zcf'Vch\'DUfh'5'UbX'DUfh'6'cZh\Yd'UWYaYbhL"
- (" Mci f'@YUfb]b[ '7cblfUWiXYj Y`cdYX']b'Wcbgi `HJh]cb'k]h\'h\Y':]Y`X'9Xi WJhcf"
- ) "  $\pm bhY[fUh]cb^*GYa$  ]bUfg^Uhi b]j Yfg]lmiXi f]b[ 'd`UWYa Ybhžk \YfY`k cf\_'k ]```VY`gYhUbX'h]a Y`U``cWUhYX`Zcf ]hg`Wca d`Yh]cb"

5ggYgga Ybh& +bhY[fUh]cb GYa ]bUf UWh]j ]h]Yg

GhUfhiXUhY. Bchi5dd`]WUV`Y

8YHJ]`g.

5 'fUb[Y'cZ]bhYfUWnjiY'UbX'kf]hhYb'WUgg'UWnji]hjYg'fYWY]jY'jYfVU``ZYYXVUW\_']b'WUgg'Zfca'h\Y'hihcfz'UbX'UfYfUhYX'cjYfU```gUhjgZUWcfm'cf'i bgUhjgZUWcfm'

5XX]h]cbU`XYhU]`g.

GYY'Accx`Y'Zcf'Zfh\Yf'XYhU]`"

Hi fb]hb gYhb[. H\]g ]g bchU Hi fb]hb Ugg][ ba Ybh

5ggYgga Ybh' @YUfb]b[ 7cbhfUWh

GhufhXuhY. 8 Um%cZd`uWa Ybh

**@Yb[h**\. \*\\$\$\$ k cfXg fY| W| X]b[ 'hYa d`UhYŁ

8YHJ]`g.

H\Y'@YUfb]b['7cblfUWh]g'dfYdUfYX']b'h\Y'Z]fghlk c'k YY\_g'cZh\Y'd`UWla YbhVmlh\Y'ghi XYbh]b'Wbgi `hUh]cb k ]h\'h\Y]f': ]Y`X'9Xi WUhcf'i g]b['h\Y'hYa d`UhY'Uj U]`UV`Y'cb'A ccX`Y"'H\Y'@YUfb]b['7cblfUWhghUhYg h\Y'YUfb]b['[cU`g'UbX'fY`UhYX'`YUfb]b['hUg\_g"'#ig\ck g'\ck 'h\YgY'hUg\_g'k]``]b'WfYUgY']b'Wba d`YI]hmcj Yf h\Y'gYa YghYfž'[]j Yg'[i]XUbWl'cb'h\Y'dfcWlggYg'cZ`YUfb]b['hc'VY'i h]`]gYXž'WUf]Z]Yg'fc`Yg'UbX fYgdcbg]V]`]hYg'UbX'YghUV`]g\Yq'WYUf'YI dYWlUhcbg'Zcf'h\Y'Ybh]fY'd`UWla Ybh''

H\Y`@YUfb]b[`WcblfUWi]g`fYj]Yk YX`Vml\Y`@]U]gcb`Hi lcf`k]h\]b`lk c`k YY\_g`cZgi Va ]gg]cb"`\ZXYhYfa]bYX`lc VY`cZgUljgZUWcfmei U`]lm'U`fgUljgZUWcfmfi[fUXY`]g`YbhYfYX`]b`A ccX`Y`UbX`Vf]YZWca a Ybhg`UfY`YbhYfYX`Vm h\Y`hi lcf"`\ZXYhYfa]bYX`lc`VY`]bWca d`YhY`cf`i bgUljgZUWcfml\Y`[fUXY`]g`k]h\\Y`X`UbX`h\Y`gh XYbh]g WcblUWYX`Vml\Y`@]U]gcb`Hi lcf`UbX`fYei YghYX`hc`fYj]gY`UbX`fYgi Va]hdYf`h\Y`dfcWfgg`ci h]bYX`VY`ck"`

5 ```d]YWrg`cZk cf\_`]b`GC7K (\$%+`UfY`\i fX`Y`fYei]fYa Ybrg`Xi Y`rc`rh\Y`dfcZygg]cbU``dfUWf)Wr`fYei]fYa Ybrg cZh\Y`6UW\Y`cf`cZGcW]U``K cf\_`fk`cbgŁdfc[fUa "'`\\Zh\Y`@YUfb]b['7cbrfUWr]g`bchXYhYfa]bYX`Vmh\Y`7ci fgY 7cbj Ybcf`rc`VY`cZU`gUr]gZJWrcfmgrUbXUfXžghi XYbrg`k]```\Uj Y`cbY`cddcfhi b]mrhc`fYj ]gY`UbX`fYgi Va]hih\Y UggYgga Ybhilug\_`]b`Wcbgi `hUr]cb`k]h\`rh\Y`7ci fgY`7cbj Ybcf`UbXžk\YfY`Uddfcdf]UhYžh\Y`@]U]gcb`Hi lcf UbX:\]Y`X`9Xi WUrcf"'F Ygi Va]gg]cb`a i ghVY`gi ddcfhYX`Vmh\Y`7ci fgY`7cbj Ybcf"'I b`Ygg`h\YfY`UfY Wca dY``]b[`[fci bXgžh\Y`ghi XYbhk]``bch\Uj Y`h\Y`cddcfhi b]mrhc`fYgi Va]hik\YfY`h\Y`fUr]b[g`UbX Wca a Ybrg`Zca 'h\Y:]Y`X`9Xi WUrcf`]bX]WUrY`h\Y`ghi XYbrlg`dYfZcfa UbWr]g`i bgUr]gZJWrcfm'H\Y`XYUX`]bY`Zcf fYgi Va]gg]cb`k]```VY`U[fYYX`i dcb`Vmh\Y`7ci fgY`7cbj Ybcfžh\Y`@]U]gcb`Hi lcf`UbX`h\Y:]Y`X`9Xi WUrcf` H\]g`cddcfhi b]mr]g`Uj U]`UV`Y`rc`U``ghi XYbrg`Ybfc``YX`]b`GC7K (\$%+"`H\Y`cddcfhi b]mrZcf`fY!gi Va]gg]cb k]``bch\Uj Y`Ub`YZYWrcb`K 5A`Ug`GC7K (\$%+"`H\Y`cddcfhi b]mrZcf`fY!gi Va]gg]cb

5XX]h]cbU`XYhU]`g.

Gi Va ]gg]cb'bch/g. 'H\Y'@YUfb]b[ '7cbhfUWh]g'hc'VY'hmdYX'UbX'Vch\'ghi XYbh'UbX': ]Y'X'9Xi WUhcffgŁ'UfYfYei ]fYX'hc'd'UWY'h\Y]f'g][ bUhi fYg'cb'h\Y'Z]bU''dU[ Y'cZh\Y'@YUfb]b[ '7cbhfUWh'

Hi fb]hb gYhb[. H\]g ]g bchU Hi fb]hb Ugg][ ba Ybh

5ggYgga Ybh(. D`UWYa Ybh8]UfmUbX >ci fbU`

GHJfhXUHY. 8 Um%cZd`UWYa Ybh

**@Yb[h**.:5ddfcl":&\$\$'k cfXg'XU]'m

8YW]`q.

H\Y'D`UWa Ybh8]UfmUbX'>ci fbU``U``ck 'h\Y'gh XYbhhc'fYZYWicb'h\Y]f'XU]`m'UWjj]hjYg'UbX'hc'a Ud'h\Y]f XYj Y`cda YbhUg'U'dfUWjhjcbYf'Xi f]b['h\Y'd`UW'a Ybh'9bhf]Yg']b'h\Y'8]UfmUbX'>ci fbU``UfY'hc'VY'ghcfYX'Vmh\Y'gh XYbhUbX'a UmVY'j]Yk YX'Vmh\Y': ]Y`X'9Xi WUhcf'UbX'h\Y'@]U]gcb'Hi hcf'Zcf'h\Y'di fdcgYg'cZhYUW\]b[UbX``YUfb]b["

5 ```d]YWg`cZk cf\_']b`GC7K (\$%+'UfY`\i fX`Y`fYei]fYa Ybfg`Xi Y`fc'h\Y`dfcZYgg]cbU``dfUWJWfYei]fYa Ybfg cZh\Y`6UW\Y`cf'cZGcWJU``K cf\_'fk cbgŁ'dfc[fUa "'`=Zh\Y`>ci fbU``]g`bchXYhYfa ]bYX`Vmh\Y`7ci fgY`7cbj Ybcf fc`VY`cZU`gUhJgZJWfcfmgHJbXUfXžghi XYbfg`k]```\Uj Y`cbY`cddcfhi b]lmhc`fYj ]gY`UbX`fYgi Va ]hih\Y UggYgga YbhiHJg\_']b`Wcbgi `HJhJcb`k]h\`h\Y`7ci fgY`7cbj Ybcf'`UbXžk\YfY`Uddfcdf]UhYžh\Y`@JUJgcb`Hi fcf UbX: ]Y`X`9Xi WJhcf''F Ygi Va ]gg]cb`a i ghVY`gi ddcfhYX`Vmh\Y`7ci fgY`7cbj Ybcf''I b`Ygg`h\YfY`UfY Wca dY``]b[`[fci bXgžh\Y`ghi XYbhk]``bch\Uj Y`h\Y`cddcfhi b]lmhc`fYgi Va ]hk\YfY`h\Y`fUhJb[g`UbX Wca a Ybfg`Zca 'h\Y:]Y`X`9Xi WJhcf']bX]WJhY`h\Y`ghi XYbhg`dYfZcfa UbWY`]g`i bgUhJgZJWfcfm'H\Y`XYUX`]bY`Zcf fYgi Va ]gg]cb`k]```VY`U[fYYX`i dcb`Vmf\Y`7ci fgY`7cbj Ybcfžh\Y`@JUJgcb`Hi fcf'UbX`h\Y`:]Y`X`9Xi WJhcf'' H\]g`cddcfhi b]lmjg`Uj U]`UV`Y`fc`U``ghi XYbfg`Ybfc``YX`]b`GC`7K (\$%+"H\Y`cddcfhi b]lmiZcf`fY!gi Va ]gg]cb k]``bch\Uj Y`Ub`YZZYWficb`K 5A`Ug`GC`7K (\$%+']g`[fUXYX`gUhJgZJWfcfm# bgUhJgZJWfcfmcb`m'

5XX]h]cbU`XYhJ]`g.

GYY'A ccX`Y'Zcf'UXX]hcbU`'XYhJ]`"'

**Gi Va ]gg]cb bchYg**. Gh XYbhhc dfcj ]XY gUa d Yg Zcf h Y @]U]gcb Hi hcf hc fYj ]Yk j ]Yk

### FYgci fWyg

#### DfYgWf]VYX F Ygci fWYg

7 `YU\_'< / `K ]`gcb`>`f&\$% Ł'A U\_]b[ `th\Y`A cghcZ: ]Y`X`D`UWYa Ybhž'H\]fX`9X]hJcb"'7Yb[ U[ Y`@YUfb]b[ ž 5i ghfU`]U"

< YU`m? / `A i `\c``UbX`>`f&\$% Ł'K f]h]b[ `G\_]``g`Zcf`GcW]U``K cf\_Yfgž'H\]fX`9X]h]cbž'GU[Y`Di V`]WUh]cbgž'I ? "

7 ci fgY'Ci h]bY'GC7K (\$%+'g\ci `X'VY'fYUX']b'Wcb1 bWfjcb'k ]h\'7 ci fgY'Ci h]bY'GC7K (\$% '!'GcWfU' K cf\_'DfUWfWY'@Yj Y`'('D`UWYa Ybh6"

#i]g'h\Y'fYgdcbg]V]`]micZU```ghi XYbhg'hc'fYUX'h\Y'D`UWYa Ybh'A Ubi U``df]cf'hc'h\Y]f'd`UWYa Ybh''H\]g XcW a Ybh']g'Uj U]`UV`Y']b'A ccX`Y''

#### FYWca a YbXYX FYgci fWYg

5XX]h]cbu`fYUX]b[g'UfY'Uj U]`UV`Y'cb']b'h\Y'GC7K (\$%+#GC7K (\$% 'A ccX`Y'G]hY''

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

Gh XYbhZYYXVUW\_`]g`k Y`Wca Y`h\fci [\ci hh\Y`hYfa "

±0`UXX]h]cbžghi XYbhg`UfY`gi fj YmYX`UVci hh\Y]f`Yl dYf]YbWY`Uhh\Y`YbX`cZh\Y`d`UWYa YbhUVci hh\Y`ei U`]hmcZh\Y]f`Yl dYf]YbWY`cZgi dYfj ]g]cb`UbX``YUfb]b[ "`H\YmUfY`U`gc`YbWci fU[ YX`hc`Wca d`YhY`h\Y`A m9l dYf]YbWY gi fj Ym"

DfYj ]ci gʻgh XYbhZYXVUW\_`\Ugʻdfca dhYXʻfY!]a U[ ]b]b[ `UbX`fY!XYj Y`cda YbhcZh\Y`7 UfYYfgʻGma dcg]i a ž d`UWYa YbhXcW a YbhgʻUbXʻgYa ]bUfʻa UhYf]U`q"

# Gi Va ]gg]cb cZ5ggYgga YbhHUg\_g

### Hirtholdbisjoyca ]gg]cb

⊋mci YbWci bhYf`U'dfcV`Ya k\Yb`UhYa dhjb['hc'gi Va ]hmci f`Ugg][ ba Ybhh\fci [\'Hi fb]hjbž'd`YUgY
hY`Yd\cbY`9| hYfbU``Gi ddcfhcb'-',,)'''' %cf`Ya U]``h\Ya 'cb'Y! hYfbU`hY`hgi ddcfh4 i bgk "YXi "Ui "'`Gi ddcfh\ci fg`UfY', .\$\$Ua '-'%\$.\$\$da 'cb'k YY\_XUmg`UbX'-.\$\$Ua '-').\$\$da 'cb'k YY\_YbXg`fl \*) 'XUmg`U'mYUfŁ'''⊋mci UfY'i bUV`Y'hc'gi Va ]hmci f`Ugg][ ba YbhXi Y`hc'U'ZJi `hk ]h\'Hi fb]hjb`mci 'a UmUdd`mZcf'Ub'Y! hYbg]cbžVi hmci a i ghfYhJ]b`mci f`hj\\Yhbi a VYf'Zfca '9| hYfbU``Gi ddcfhfU'cb['k]h\'Ubmch\Yf`fY`Yj UbhXcW a YbhgŁ'hc
]bWi XY'Ug'Yj ]XYbWY'hc'gi ddcfhmci f'Yl hYbg]cb'Udd`]\WJhjcb'''⊋mci 'Ya U]`'9| hYfbU``Gi ddcfhmci 'k]``

# 5 WUXYa ]W<cbYghmUbX D`U[]Uf]ga

D`U[]Uf]ga `]g`i g]b[ 'h\Y`k cfXg`cf`]XYUg`cZch\Yfg`UbX`dfYgYbh]b[ 'h\Ya `Ug`mci f`ck b"`±hWJb`hU\_Y`a Ubm Zcfa gžZfca `XY`]VYfUhY`W\YUh]b[ 'hc`UWW]XYbhJ``mWcdm]b[ 'Zfca `U`gci fWY`k ]h\ci hUW\_bck `YX[ Ya Ybh'

IBGK [fcidg'd'U[]Uf]ga ]bhc'h\Y'Zc``ck]b['WUhY[cf]Yg.

 $7 \text{ cdm}b[...i g]b[...h\Y.gUa Y.cf.j Yfmig]a] \Uf'k cfXg'hc'h\Y.cf][]bU''hYl h'cf']XYU'k]h\ci h'U\V_bck `YX[]b[...h\Y.cf][]bU''hYl h'cf']XYU'k]h'cf']$ 

- i bXYfgfUbX mci f'f][\hg'UbX'fYgdcbg]V]`]hJYg'Ug'U'gh XYbhUhl BGK
- VY`Uk UfY`cZd`U[]Uf]ga ž`Wcdmf][\hz'l BGK `Gh XYbh7cXY`cZ7cbXi WhUbX`5VWWdhUV`Y`l gY`cZ I BGK `=\forall H`F Ygci f\W\g`Dc`]\m\m
- VY 'Uk UfY 'cZh\Y 'ghUbXUfXg 'cZVY\Uj ]ci f'Yl dYWYX 'cZYj YfmcbY ']b 'h\Y 'l BGK 'Wca a i b]hm
- `cWUHY 'gYfj ]WYg'UbX `]bZcfa UH]cb'UVci hI BGK 'UbX'I BGK '@]VfUfm

Gca Y'cZh\YgY'UfYUg'k]``VY'ZJa]`]Uf'hc'mci ž'ch\Yfg'k]``VY'bYk"'; U]b]b['U'gc`]X'i bXYfgHJbX]b['cZU``h\YfY`UhYX'UgdYWng'cZ9@+69'k]``\Y`d'mci 'a U\_Y'h\Y'a cghicZmci f'ghi X]Yg'UhI BGK "'\\hd.##qi VYWfi |XYg"`]VfUfm'i bqk "YXi "Ui #\`]qY#JVci hY`]qY

# 5WUXYa]W±bZcfaUhjcb

: cf'YggYbhJU`ghi XYbh]bZcfa UhJcb'fY`UhJb['lc.