



# SOCW3009

9hJWg'UbX'F YZYWj Y'DfUWjW

HYfa 'Cby''# '&\$&\$



7ci fgY'8YHJ]`g

7fYX]hDc]bHg`\*`

Gi a a UfmcZh\Y'7ci fgY

Gi VYWh5fYU.EaU[S^l`adj`

# 5ggYgga Ybh

D`YUgY`bchY`hUhY`cb!`]bY`YI`YfW]gY`]g`U`fYeI`]fYa`YbhUg`dUfhcZUthYbXUbVW`#dUfh]W]dU]cb`!`]b`c`h`Y`f`k`cfXgž`]h`fYd`U`V`W`g`%`\\`ci`f`c`Z`Y`W`h`f`Y`d`Y`f`k`Y`Y`\_`"``#`h`]g`b`ch`U`[`f`U`X`Y`X`U`g`g`Y`g`g`a`Y`bh`\\`ck`Y`j`Y`f`ž`m`c`i``a`i`g`h`a`U`\_`Y`U`f`Y`U`g`c`b`U`V`Y`U`h`h`a`d`h`U`h`U`"``h`f`Y`Y`d`U`f`h`g`c`Z`h`Y`Y`I`Y`f`W`]g`Y`h`c`a`U`]b`h`U`]b`m`c`i`f`U`h`h`b`X`U`b`V`W`#d`U`f`h`]W`]d`U`]c`b`f`Y`W`c`f`X`"``#`Z`c`f`a`U`h`]c`b`U`V`c`i`h`h`Y``cb`!`]b`Y`YI`Y`f`W`]g`Y`W`U`b`V`Y`Z`c`i`b`X`c`b`h`Y`A`c`c`X`Y`g`]h`Y`"``H`Y``cb`!`]b`Y`YI`Y`f`W`]g`Y`k`]`U`g`c`V`Y`U`X`X`f`Y`g`g`Y`X`]b`h`Y`K`Y`Y`\_`%`Y`W`h`f`Y`Z`U`b`X`]b`h`Y`Z`]f`g`h`i`h`c`f`]U`"

:`i`f`h`Y`f`X`Y`h`U`]g`c`Z`U`g`g`Y`g`g`a`Y`bh`g`ž`]b`W`i`X`]b`[`X`Y`g`W`]d`h`]c`b`g`c`Z`h`Y`h`U`g`\_`g`U`b`X`f`Y`U`h`Y`X`W`c`i`f`g`Y`c`V`Y`W`]j`Y`g`ž`U`f`Y`d`f`c`j`]X`Y`X`]b`X`c`k`b`c`U`X`g`U`j`U`]U`V`Y`c`b`h`Y`A`c`c`X`Y`g`]h`Y`"

#`U`"U`g`g`Y`g`g`a`Y`bh`g`ž`m`c`i`g`\\`ci`X`i`g`Y`h`Y`G`W`c`c`f`h`d`f`Y`Z`f`f`Y`X`f`Y`Z`f`Y`b`W`]b`[`g`m`g`h`Y`a`"``H`\\`g`]g`U`g`c`X`Y`h`U`]Y`X`]b`h`Y`X`c`k`b`c`U`X`U`V`Y`\\`U`b`X`c`i`h`U`j`U`]U`V`Y`c`b`h`Y`A`c`c`X`Y`g`]h`Y`"

8`i`Y`X`U`h`Y`g`Z`c`f`k`c`f`\_`f`YeI`]f`Y`X`]b`G`C`7`K`'`\$\$`-`9`h`]W`g`U`b`X`f`Y`Z`Y`W`]j`Y`D`f`U`W`h`W`ž`]b`W`i`X`]b`[`h`Y``cb`]b`Y`YI`Y`f`W`]g`Y`ž`


5ggYgga Ybh&. '7 UgY'ghi Xm

GhUfhXUHy. '

@Yb[ h. '&\$\$\$'k cXg

8YhU]g. '@Yb[ h. '&\$\$\$'k cfXg"Gh XYbth'gY'YWhcbY'WUgY'Zfca 'hY]f'dfUW]W'fk \]M'a UmVY'Ub']bX]j ]Xi U`  
dYfgcbz'U'ZJa ]mž'U'[ fci d'cf'U'Wca a i b]hmdfc'YW'k'H\Ym]XYbh]ZmUbX'YI d'U]b'hY'Yh]WU'UgdYW]g'cZ  
dfUW]W'k ]h'h]g'WUgY'UbX'Udd'mhY'\_bck'YX[ Y'Zfca 'h]g'Wci fgY'VmW]h]WU'mfYZYW]b[ 'cb'hY]f  
dfUW]W"K f]hYb'ZYXVUW'UbX'U'bi a Yf]WU'a Uf\_'UfY'dfcj ]YX'k'c'k'YY\_g'UZf'hY'gi Va ]gg]cb'Xi Y'XUHy"  
7 f]hYf]U'UfY'Uj U]UV'Y'hc'ghi XYbth'Uh'hY'ghUfhcZ'hY'Wci fgY'gc'h'Uh'hY'mWU'b'k'cf\_'hc'k'UfXg'gdYW]Z]YX  
ghUbxUfXg"

Hi fb]h]b'gYh]b[ . 'H\]g'Ugg][ ba Ybh]g'gi Va ]hYX'h'fci [ \ 'Hi fb]h]b'UbX'gh XYbth'WU'b'gYY'Hi fb]h]b'ga ]'Uf]m  
fYdcfng"





		9I YfW]gY & .gY`ZfYZYW]cb`UbX`Yh`JW`YUfb]b[ DfYdUf]b[ `Zc`f`h`Y`W]gY`gh`Xm`
K YY_`%%`&+`5df]`!`&, 5df]`	@YWi`fY`	fA`cfU`Zi`YbW`f]UbX`h`Y`dc`]h]Vg`cZdfUW]W`
	Hi`hcf]U`	;`fci`dg`5`UbX`6  @cc_]b[ `XYdYf`Uhk` \Uhk`Y`Vf]b[ `h`gcW]U`k`cf`_ dYfgcbU`UbX`W`h`fU`j`U`i`Yg`" 9I YfW]gY`%`YI`Ua`]b]b[ `W`cgg!W`h`fU`W]gY` YI`Ua`d`Yg` 9I YfW]gY`&`gY`ZfYZYW]cb`UbX`Yh`JW`YUfb]b[ `"  DfYdUf]b[ `Zc`f`h`Y`W]gY`gh`Xm`
	5ggYgga`Ybh`	H\Y`W]gY`gh`Xm]g`Xi`Y`Uh`-`.\$`\$`da`cb`Gi`bXUm` %\$`A`Um`



# F Ygci fWg

## DfYgWf]VYX`F Ygci fWg`

6Ub\_gžG`"f&\$%&Ł7fZ[ue S` V HS`gWé [ `E aU[S^l` ad] ž( ħ`9X]hcb`"6Ug]b[ ghc\_Y. `DU`[ fUj Y`A Uvá ]`Ub"

; UfxbYfž: "f&\$%( Ł4W[ Y 5d[f[US`k DWXWUf[hW`6Ug]b[ ghc\_Y. `DU`[ fUj Y`A Uvá ]`Ub"

<i [ a UbžF`"f&\$%( Ł3Ž BdaXWé[a` S^7fZ[ue`"@cbXcb. `DU`[ fUj Y`A Uvá ]`Ub"

## F YWca a YbXYX`F Ygci fWg

6Ub\_gžG`"f&\$\$( Ł7fZ[uef 3UUag` fST[f[fk S` V fZWE aU[S^BdaXWé[a` e`"6Ug]b[ ghc\_Y. `DU`[ fUj Y`A Uvá ]`Ub"

6Ub\_gžG`"/ ; U`U[ \Yfž5`"f&\$-\$- Ł7fZ[ue [ BdaXWé[a` S^>[XW H[dfgWé Xad: WŠ`fZ S` V E aU[S^5 SdWž 6Ug]b[ ghc\_Y. `DU`[ fUj Y`A Uvá ]`Ub"

6ck`YgžK`"ž7c`"b[ f]X[ YžA`"ž7i ffmžG`"/` J U`Ybh]bYž6`"f&\$\*\$ Ł7fZ[US^BdSUf[UW[ `E aU[S^l` ad] , 3` 3bb^W 3bbdaSUZž7fck g`BYgh`5`Yb/` l` bk ]b"

7\Ybck Yhž@`/` A Wš i` ]ZYž8`"f&\$%) ŁFZWDaSV fa E aU[S^l` ad] ` : g\_ S` E Wch[UWBdSUf[UWž ( ħ`YX]hcb` Gci ħ`A Y`Vci fbY. `7Yb[ U[ Y`@YUfb]b[ "YgdYW]U`m7\UdhYfg`&ž` ž( ž- /` %\$Q

7`Zcfxž8`"/` 6i f\_Yž6`"f&\$-\$- Ł3` fŽA bbdWé[hW7fZ[ue S` V HS`gWé [ `E aU[S^l` ad] ž6Ug]b[ ghc\_Y. `DU`[ fUj Y`A Uvá ]`Ub"

; fUmžA`"/` K YVVžG`"5`"fYXgŁf&\$%\$Ł7fZ[ue S` V HS`gWBWébbWUf[hWé [ `E aU[S^l` ad] ž6Ug]b[ ghc\_Y. `DU`[ fUj Y`A Uvá ]`Ub"

< ]ba Ubž@`A`"f&\$% Ł7fZ[ue, S B`gdS`[ef[U 3bbdaSUZ fa ? adS^F ZWáckž) ħ`9X]hcb`"6cghcbžA 5` . K UXgk cfhž7Yb[ U[ Y`@YUfb]b[ "

<i [ a UbžF`"f&\$%) Ł@W 3bbdaSUZWé fa 7fZ[ue [ fZW5Sd[ Y BdaXWé[a` ež6Ug]b[ ghc\_Y. `DU`[ fUj Y`A Uvá ]`Ub"

<i [ a UbžF`"f&\$% Ł5g`fgdW HS`gWé S` V 7fZ[ue [ `E aU[S^l` ad] , 7\_ TdSU[ Y 6 [hWé[fkž@cbXcb. `F ci hYX[ Y"

<i [ a UbžF`"/` 7UfhYfž>`"fYXgŁf&\$%\$ŁDWFZ [ ] [ Y HS`gWé S` V 7fZ[ue [ `E aU[S^l` ad] "@cbXcb. `DU`[ fUj Y`A Uvá ]`Ub"

DUnbYžA`"f&\$%\$Ł?` aVWd` E aU[S^l` ad] FZWáck`"( ħ`9X]hcb`"C l Zcfx. `C l Zcfx`l` b]j Yfg]mDfYgg"

DUk UfžA`"/` 5bgWéa VYž5`"K`"f&\$%( ŁDWWUf[hWBdSUf[UW[ `E aU[S^l` ad] , FZ [ ] [ Yf 6a[ Y S` V 4W[ Yž DcfhA Y`Vci fbY. `7Ua Vf]X[ Y`l` b]j Yfg]mDfYgg"

DUk UfžA`"ž<i [ a UbžF`"ž5`Yl UbXfUž5`"/` 5bgWéa VYž5`"K`"fYXgŁf&\$%+Ł7\_bai Wd[ Y E aU[S^l` ad] Wé, H[dfgagae BdSUf[f[a` WéžG]b[ UdcfY. `Gdf]b[ Yf`B Uh`fY"

ħ`UXX]hcbžfY`Yj Ubh`ci fbU`UfhWYg`UbX`c`h`Yf`v]vUfma Ufh]f]U`g`UfY`dfcj ]YX`]b`h`Y`@Y[ Ubhc`"b`\_cb A ccX`Y`"Mci` UfY`U`gc`YbWéi fU[ YX`hc`i` bXYfhU`Y`mci` f`ck`b`"hYfUh`fY`gYUfWYg"; ccX`d`UWg`hc`ghUfhUfY 5i`ghfU`]Ub`GcW]U`K`cf\_ž6f]h]g\`>ci fbU`cZGcW]U`K`cf\_ž9h]M]g/`GcW]U`K`Y`ZUfY`fU`"Uj`U]UVY`j`]U`h`Y

I BGK @VfUfmk'UbX'hY'cb!'bY'>ci fbU'cZGcWU'K cf\_J U'i Yg/ '9h]Wg'fZcf'k \]W'U'\ch]b\_]g'dfcj ]XYX'cb  
hY'A ccX'Y'dU[ YL" fBbrh]b[ 'VmGUfU\ '6Ub\_g]g''\_Y'mhc 'VY'fY'Yj Ubh'UbX'g\Y'XcYg'U'gc'cVWUg]cbU'm  
k f]h'UVci hW'a a i b]mk cf\_"L

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

H\]g'Wci fgY'g'Yj U'i UhX'i g]b[ 'gh XYbh'YUfb]b[ 'fYj ]Yk gZ'WUgg'ZYXVUW'UbX'hY'a n9I dYf]YbW'gi fj Ym  
fYgi 'hg"'Gh XYbhZYXVUW\_]g'j U'i YX'Ug'dUfhcZ'hY'cb[ c]b[ 'Wci fgY'fYj ]Yk 'UbX'XYj Y'cda Ybh'  
GdYW]Z]WZYXVUW\_\Ug'VYYb'i gYX'hc'a U\_Y'WUUb[ Yg'k \]W'\Uj Y']bWi XYXz'VUgYX'cb'dfYj ]ci g'Yj U'i Uh]cbg'  
! 'WUUb[ Yg'\Uj Y'VYYb'a UXY'hc'UggYgga Ybh]Ug\_g'UbX'Z]bY!h b]b[ 'cZWUgg'Yi YfW]gYg"'H\Ub\_'mci ']b  
UXj UbW'Zcf'mci f'dUfh]W]dUh]cb ]b'h]g'dfcW'gg"

Gi Va ]gg]cb`cZ5ggYgga YbhHUg\_g

Gi Va ]gg]cb`cZ5ggYgga YbhHUg\_g

Hi fb]hb`Gi Va ]gg]cb

≠mci`YbWci`bHYf`U`dfcV`Ya`k`Yb`U`HYa`dh]b[`hc`gi`Va`]hmc`i`f`Ugg][`ba`Ybh`h`fci`[`\`Hi`fb]hb`z`d`YUgY`  
HY`Yd`cbY`9I`HYfbU`Gi`ddcfhcb`-`,`)`'`'`'`%cf`Ya`U]`h`Ya`cb`YI`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`fI`\*)`XUmg`U`mY`UfL`"≠mci`  
UfY`i`bUV`Y`hc`gi`Va`]hmc`i`f`Ugg][`ba`YbhXi`Y`hc`U`ZUi`hik`]h`Hi`fb]hb`mci`a`Um`Udd`mi`Zc`f`Ub`YI`HYbg]cb`z`Vi`hmc`i`  
a`i`gh`fY`hU]b`mci`f`h]W`Yhbi`a`VYf`Zca`9I`HYfbU`Gi`ddcfhU`cb[`k`]h`Ubmc`h`Yf`fY`Yj`Ubh`Xc`W`a`Ybhg`L`hc`  
]bWi`XY`Ug`Yj`]XYbW`hc`gi`ddcfhmc`i`f`YI`HYbg]cb`Udd`]W]h]cb"≠mci`Ya`U]`9I`HYfbU`Gi`ddcfhmc`i`k`]`  
Ui`hca`U]W]m`fY`W]j`Y`U`h]W`Yhbi`a`VYf`z`Vi`h]Zmci`HY`Yd`cbY`mci`k`]`b`Y`Y`X`hc`gd`Y`W]W]m`Ug`\_`Zc`f`cbY`"  
Hi`fb]hb`U`gc`d`fcj`]XYg`i`d`XU`HY`g`cb`h`Y]f`gm`gh`Ya`g`hU`h`g`cb`Hk`]hYf"

;`YbYfU`m`z`UggYgga`YbhHUg\_g`a`i`gh`VY`gi`Va`]hY`X`Y`Y`W`f`cb]W]m`j`]U`Y]h`Y`f`Hi`fb]hb`cf`U`A`cc`X`Y`  
Ugg][`ba`Ybh`h`h`]bg`h`Ub`W`g`k`Y`f`Y`h`h`g`]g`b`chid`cgg]V`Y`z`]h`k`]`V`Y`g`h`U`h`X`cb`mci`f`Wci`fg`Y`g`A`cc`X`Y`g`]h`k`]h`  
U`h`f`b`U`h]`Y`gi`Va`]gg]cb`XY`hU]`g"

:`cf`]b`Zc`fa`U]cb`cb`\`ck`hc`gi`Va`]hUgg][`ba`Ybhg`cb`]bY`j`]U`A`cc`X`Y`.\`h`tdg`#`gh`XYbh`i`bgk`"YXi`"Ui`#`ck`!  
gi`Va`]hUgg][`ba`Ybh`a`cc`X`Y`

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  
Zfa gZ`Zca`XY`]VYfUHY`WXU]b[ 'hc`UW]XYbhU`mW`dm]b[ `Zca`U`gci fW`k ]hCi hUW\_bck`YX[ Ya`Ybh`

I BGK`[ fci dg'd`U[ ]Uf]ga`]bhc`hY`Z`ck ]b[ `WU]Y[ 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`]hCi 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[ YgZ`UfhUbX`XYg][ `b`dfc`YWgZ`Ug`k`Y`"Ug`  
dfYgYbhU]cbg`k`YfY`gca`YcbY`dfYgYbhg`UbchYf`g`]XYUg`cf`k`cfXg`k`]hCi hWYX]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`]hCi 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`]hCi hWYX]hUbX`hc`  
d]YW]b[ `hc[ Y`hYf`ei`chYg`UbX`dUfUd`fUgYg`]bhc`U`bYk`k`Y`c`Y`Z`k`]hCi 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`  
]bWi`XYg`dfcj`X]b[ `mci`f`k`cf\_]hc`UbchYf`gh`XYbhVYZ`fY`hY`Xi`Y`XU]Y`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`ghYU`]b[ `cf`UW`ei`]f]b[  
UbchYf`dYfgcb`g`UWUXYa`]Wk`cf\_]UbX`W`dm]b[ `]Z`cZ]f]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]U]cb.`7`h]b[ `gci`fW`g`k`Y`W`U`j`Y`bchVYYb`fYUXZ`k`]hCi hUW\_bck`YX[ ]b[ `hY`"gYW`bXUfm`  
gci`fW`Z`ca`k`Y`W`\_bck`YX[ Y`cZ`hY`a`U`g`VYYb`cV]U]bYX"

8i`d`]W]h]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`dYj`]ci`g`m`  
VYYb`dfYdUfYX`cf`gi`Va`]hYX`Z`f`UbchYf`UggYgga`Ybhcf`W`i`fgY`U`h`I`BGK`cf`UbchYf`i`b]j`Yfg]m`

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

- DUfUd`fUg]b[ Z`gi`a`a`Uf]g]b[ Z`YggUm`k`f]h]b[ `UbX`h`a`Y`a`UbU[ Ya`Ybh`
- 5ddfcdf]UHY`i`gY`cZ`UbX`U]h]f]Vi`h]cb`Z`cf`U`fU]b[ Y`cZ`a`U]h]f]U`g`]b`\$ % U,



5 WUXYa ]WbZcfa Uh]cb`

: cf`YggYbh]U`ghi XYbh]bZcfa Uh]cb`fY`Uh]b[ `hc.

- fYei Ygh]Zcf`YI hYbg]cb/
- `Uh]`gi Va ]gg]cbg`[ i ]XY`]bYg/