



# SOCW4003

5Xj UbWX'GcWU`K cf\_'DfUWjW`A YhcXg

HYfa `Cby`#`&\$%

7 ci fgY`Cj Yfj ]Yk

`GHUZZ7cbhUW`i8YHU]`g`

`7cbj Ybcfg`

B Ua Y	9a U]`	5j U]`UV]`]m	@cW]h]cb	D\cbY
>c`GdUb[ Ufc	^gdUb[ Ufc4 i bgk "YXi "Ui	A cbXUm&" \$( da UbX`VmUddc]bha Ybh	; ' %A cfj Yb 6fck b`6i ]X]b[	- ' , ) `%- *(

`Hi hcfg`

B Ua Y	9a U]`	5j U]`UV]`]m	@cW]h]cb	D\cbY
@]bXU`6Ufrc`ca Y]	]bXU"VUfrc`ca Y]4 i bgk "YXi "Ui	GcW]U`8Yj Y`cda Ybh !`6mUddc]bha Ybh	; & `A cfj Yb 6fck b	- ' , ) `% ) -
>UbY`A ck ``	^a ck ``4 i bgk "YXi "Ui	7 ci bgY``]b[ A YhlcXg`UbX F Yg]`YbW`!`6m Uddc]bha Ybh	; ( \$`A cfj Yb 6fck b	- ' , ) `\$*) \$
7 Yf]bU`K Y]gn	W			%oo

7ci fgY'8YHJ]`g

7fYX]hDc]bHg '\*`

Gi a a UfmicZh\Y'7ci fgY

Gi VYWh5fYU.'EaU[S^I`adj

Mci`k]`gh XmiU'gdYWZ]Wa YhcX'cZgcW]U`k cf\_'dfUW]W`]b!XYdH`"5g'dUfhcZUXj UbWX'ghi Xm]b'hY`ZY'X'cZ  
GcW]U`K cf\_ž'h]g'Wci fgY'dfcj ]XYg'mci`k ]h'hY'cddcfh]b]mhc`XYdYb'mci`fi bXYfghUbX]b[ `UbX'WUdUW]mhc  
dfUW]W`]b`U[ ]j Yb'UgdYWhcZUXj UbWX'gcW]U`k cf\_'a YhcXg"Hi ]h]cb`UbX'UggYgga Ybh]bW] XYg'k cf\_]b[  
]bhYfUW]j Y'mk ]h`YI`Ua`d`Yg'cZdfUW]W`"Gh`XYbhdFYZYfYbW]g`UfY`hU`Yb]bhc`UW]ci`bh]b`YghUV`]g\]b[ `hY  
fUb[ Y'cZUXj UbWX'a YhcXg'h`UhUfY`Wcbg]XYfYX`YUW]`mYUf"

7ci fgY@YUfb]b[ `Ci hWca Yg

%` 7cbW]dh`U]gY`U'gY`YW]X'gcW]U`k cf\_'dfUW]W`]a YhcX"  
&" 9I`d`U]b`fY`Yj`UbhdUW]W`h`Ycf]Yg:]b`XYdH`"  
'`" 5fh]W`U]h`h`Y`fY`U]h]cbg\]d`VYhk`YYb`g\_]`g`UbX`\_bck`YX[ Y`fY`Yj`Ubh]c`U`gY`YW]X'gcW]U`k cf\_  
dfUW]W`]a YhcX"  
(`" GY`YWh`UbX`Udd`miU`gcW]U`k cf\_'a YhcX'h`c`U`ghU]h`X`dfUW]W`]ggi`Y`cf`dfcV`Ya`"

HYUW]b[ `GhfU]h[ ]Yg`

H\]g'Wci fgY'cZYfg'gh`XYbhg`]bghf]`W]cb`]b`hY`h`YcfmiUbX`dfUW]W`]cZU`gY`YW]X'gcW]U`k cf\_'dfUW]W`]  
a YhcX`"H\Y`k`YY`\_mZcfa`Uh]g`U`"!`ci`f`WUgg`h`UhYei`]fYg`h`Y`UW]j`Y`dUfh]W]dU]h]cb`cZU`gh`XYbhg`UbX  
Wca`V]bYg`U`[`i`]XYX`fYUX]b[ `dfc[ fUa`ž`h`YcfmgYa`]bUfg`UbX`dfUW]W`]k cf\_g\cdg"

# 5ggYgga Ybh

F YZf'hc'A ccXY'Zcf'gdYWZ]WXYHU]`g'Zcf'Ugg][ ba Ybhg'Zcf'YUWX 'Y'YW]j Y''

## 5ggYgga YbhHUg\_g`

5ggYgga YbhHUg_	K Y][ \h	8i Y'8UH	Gh XYbh@YUfb]b[ Ci hWta Yg'5ggYggYX
7 f]h]WU`fYUX]b[ `	;%\$i	,\$ # '\$ #&\$%- '\$-. \$\$'DA	%z&
G\cfhUbU`m]WU`k f]h]b[ `	' )i	&- # '\$ #&\$%- '\$-. \$\$'DA	%z&Z
Gi VghUbh] Y'Ugg][ ba Ybh	) )i	&- # \$( #&\$%- '\$-. \$\$'DA	%z&Z ž(

## 5ggYgga Ybh8YHU]`g

5ggYgga Ybh% '7 f]h]WU`fYUX]b[

GHUfhXUH. &#&\$&\$%- '\$-:.\$\$'DA ]

@Yb[ h.

%o

Hi fb]hb'gYhb[ . 'H\]g'Ugg][ ba Ybh]g'gi Va ]hX'h'fci [ \ 'Hi fb]hb'UbX'ghi XYbhg'WUb'gYY'Hi fb]hb'g)a ]'Uf]hm  
fYdcfng"

## 5 HbXUbW F Yei JfYa Ybhg

H\Y'GW'cc'cZGcWU'GWYbW'g'YI dYV'g'h'Uhgh'XYbhg'k'j'UHbX'UbX'dUfh'WdU'UW'j'Y'm]b'%'\$'i'cZ'YUfb]b[ 'UbX'h'UW'j]b[ 'UW'j]j]Y'g'f'k'YbW'Z'f'h' 'WUggY'g'z'hc' ]b'W' XY'Y'W'i' fYg'z'h' h'cf]U'g'z'gYa ]b'Ufg'z'UVg'z'cb' ]b'Y'UW'j]j]Y'g'UbX'gc'cb'z'

A UbXUhc'fmUHbXUbW'cZWUggY'g'Z'f'h' ]g'W'ei' fgY' ]g'dUfh'cZ'h'Y'UW'W'Y'X]h'U'hc'b'f'Yei' ]fYa' Ybhg'Z'f'h'Y'6'GK'fk'cbg'z'dfc[ fUa "

Z'mci' UHbX'Y'gg'h'Ub' , \$i' cZWUggY'g'z'mci' a UmVY'fY'Z' gYX'Z'bU'U'ggY'gga' Ybh'H' ]g'a' YUbg'h'Uh]Z'mci' Xc' bchUHbX'Uh'Y'Ugh' , \$i' cZdcgg]V'Y'WUggY'g'mci' f'Z'bU'U'gg][ ba' Ybh'cf'YI' Ua' a' UmfY'W'j] Y'U'a' Uf'cZ'nY'fc" M'ci' UfY'fY'g'd'cbg]V'Y'Z'f'Y'd]b[ 'h'fU'W'cZ'mci' f'UHbX'UbW'UbX'W'c'b'f'U'W'j]b[ 'mci' f'W'ei' fgY'W'c'b] Y'bc'f'U'X'X' b'Ua' Y'z'ja' a' YX]U'h'm]Z'mci' UfY'W'c'b'W'f'Y'X'U'V'ci' h'mci' f'UHbX'UbW'f'Y'W'c'f'X'UbX' ]hg' ]a' d'U'W'ic'b'mci' f'U'V' ]]m'hc' W'c'a' d'Y'h'mci' f'W'ei' fgY'g'i' W'W'gg'z' `m'

: cf'h'Y'di' fdcgY'cZUHbXUbW'a' cb]hc'f]b[ z'h'Y'Z'bU'U'ggY'gga' Ybh'Z'f'h' ]g'W'ei' fgY' ]g'h'Y'G'i' Vgf'U'bh]j' Y'5'gg][ ba' Ybh'k'c'f'h' ) ) i' cZ'mci' f'c] Y'fU' ] f'U'X'Y'Z'f'h' ]g'W'ei' fgY' "H' ]g' ]g'h'Y'U'ggY'gga' Ybh' ]h'Y'a' h'U'h'k' ]'V'Y' [ f'U'X'Y'X'U'h'nY'fc' ]Z'mci' Xc' b'c'h'a' Y'Y'h'h'Y' UHbX'UbW'f'Yei' ]fYa' Ybh'

## 7 ci fgY'GW'YXi Y

[J Jk WUgg'ha YhUVY](#)

H]a YhUV'Y'

8UH	HmdY	7cbhYbh
K YY_% % : YVfi Ufm! &( : YVfi Ufm	GYa ]bUf	7 C I B G 9 @ @ B ; ' A 9 H < C 8 G ' 5 B 8 F 9 G @ 9 B 7 9 ' 9 @ 9 7 H 9 ' 9 ' f 7 A F E ! ' C f ] Y b h U h c b ' h c f Y g ' ] Y b W ' U b X ' g h f Y b [ h g z ' Y a d U h m U b X ' Y b [ U [ Y a Y b h
	GYa ]bUf	G C 7 ' 5 @ ' 8 9 J 9 @ C D A 9 B H ' 9 @ 9 7 H 9 ' 9 ' f G C 7 8 9 J E ' h f c X i W h c b . ' h Y ' G c W U ' 8 Y j Y ' c d a Y b h U d d f c U W ' .
K YY_& . & ) : YVfi Ufm! ' A UfW	GYa ]bUf	Gc'i h]cb! Z'W gYX'h'YfUdm' %
	GYa ]bUf	G C 7 ' 8 9 J ' ! ' G i g h ] b U V ' Y ' 8 Y j Y ' c d a Y b h ; c U ' g ' z ' d c ' ] W h V U W [ f c i b X ' U b X ' h Y ' W c b W d h c Z ' k Y Z J f Y ' f Y [ ] a Y g ' z ] a d ] W h c b g ' Z ' f ' d f U W h W ' .
K YY_' . ( ' A UfW ' ! ' % \$ A UfW	GYa ]bUf	7 A F ' ! ' G c ' i h ] c b ! Z ' W g Y X ' h ' Y f U d m ' &
	GYa ]bUf	G C 7 ' 8 9 J ' ! ' H \ Y ' [ c U ' g ' c Z g c W U ' X Y j Y ' c d a Y b h \ Y U ' h / Y X i W h c b / ' Z J a ] m ' / ' j Y ' ] \ c c X g ' U b X ' d c j Y f m U ' Y j ] U h c b ' .
K YY_( : % % A UfW ' ! ' % + A UfW	GYa ]bUf	7 A F ' ! ' B U f f U h j ] Y ' h ' Y f U d m %
	GYa ]bUf	G C 7 ' 8 9 J ' ! ' G c W U ' f k Y ' Z J f Y E ' g Y f j ] W ' g ' U b X ' g c W U ' d c ' ] W h U g ' g c W U ' X Y j Y ' c d a Y b h ' h Y ' f c ' Y ' c Z g c W U ' k c f _
K YY_) . % ' A UfW ' ! ' & ( A UfW	F Y U X ] b [	7 A F ' ! ' ' ' ' ' ' B U f f U h j ] Y ' h ' Y f U d m &
	GYa ]bUf	G C 7 ' 8 9 J ' ! ' 7 c a a i b ] m X Y j Y ' c d a Y b h U g g c W U ' X Y j Y ' c d a Y b h d f U W h W ' .

K YY_*.&) 'A UfW '! " % A UfW	GYa ]bUf	7 A F '! : Ua ]m\hYfUdm%
	GYa ]bUf	GC 7 '89J '! 'Dfc[ fUa 'd'Ubb]b[ 'UbX'a UbU[ Ya Ybh
K YY_+. '%5df]'!'+'5df]'	GYa ]bUf	7 A F '! : Ua ]m\hYfUdm&
	GYa ]bUf	GC 7 '89J '! 'DfUW]W'YI Ua d'Y'%'A ]Wc! Z]bUbWž ; YbXYfžF YZ [ YYg'cf'hY'9bj ]fcba Ybh
K YY_., ; '5df]'!'%'5df]'	GYa ]bUf	7 A F '! : b\Ybg]j Y'fc'Y!d'UmdfUW]W'k cf_g\cd
	GYa ]bUf	GC 7 '89J '! 'DfUW]W'YI Ua d'Y'&'A ]Wc! Z]bUbWž ; YbXYfžF YZ [ YYg'cf'hY'9bj ]fcba Ybh
K YY_-. '%5df]'!'&% 5df]'	GYa ]bUf	7 A F '! 'Gd]f]h U']mUbX'fYg']YbW''fI F -85M G9A -B5F 'CB@M!'BC 'K 99? ''- '7 @5GG'Ł'
	GYa ]bUf	GC 7 '89J '! 'DfUW]W'YI Ua d'Y''.'A ]Wc! Z]bUbWž ; YbXYfžF YZ [ YYg'cf'hY'9bj ]fcba Ybh
K YY_%. '&&5df]'!'& 5df]'	GYa ]bUf	7 A F '! 'H\i fgXUmgYa ]bUfg!'BC '7 @5GG9G  : f]XUmgYa ]bUf!'Gd]f]h U']mUbX'fYg']YbW'''
	GYa ]bUf	GC 7 '89J '! '<ca Y'UbX'Uk Um-ž h'fY'dcgg]V']hYg Zcf'gcW]U'k cf_'dfUW]W'j]b'gcW]U'UbX'Wca a i b]m XYj Y'cda Ybh]b'5i ghfU']U'UbX'j]b\fbU]cbU'm
K YY_%% '&- '5df]'!'%		

F Ygci fWg

DfYgWf]VYX`F Ygci fWg`

F YUX]b[ g`UbX`fYgci fWg`Zcf`h]g`Y`YWj`Y`UFY`gdYWZ]YX`cb`h`Y`gYWj`cb`cZ`h`Y`A`ccX`Y`dU[ Y`Zcf`h]g`Y`YWj`Y`

F YWca a YbXYX`F Ygci fWg

F YUX]b[ g`UbX`fYgci fWg`Zcf`h]g`Y`YWj`Y`UFY`gdYWZ]YX`cb`h`Y`gYWj`cb`cZ`h`Y`A`ccX`Y`dU[ Y`Zcf`h]g`Y`YWj`Y`

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`JYk`gZ`WUgg`ZYXVUW`UbX`h`Y`A`mY`dYf]YbW`gi`fj`Ym`fYgi`hg`"Gh`XYbhZYXVUW`]g`j`U`i`YX`Ug`dUfhcZ`h`Y`cb[`c]b[ `Wci fgY`fYj`JYk`UbX`XYj`Y`cda`Ybh`H\Y`cZYfYX`Y`YWj`Yg`]b`h]g`Wci fgY`a`Umj`UfmZ`ca`mYUf`hc`mYUf`UbX`Y`YWj`Y`gdYWZ]WZYXVUW`Ug`VYYb`i`gYX`hc`a`U`Y`W\Ub[ Yg`k` \]W\`Uj`Y`]bW`XYXZ`VUgYX`cb`dfYj`]ci`g`Yj`U`i`Uh]cbg`!`W\Ub[ Yg`Uj`Y`VYYb`a`UXY`hc`UggYgga`Ybh]Ug`g`UbX`Z]bY`!`h`b]b[ `cZ`WUgg`Yi`YfW]gYg`"H\Ub`\_`mci`]b`UXj`UbW`Zcf`mci`f`dUfh]W]dUh]cb`]b`h]g`dfc`Wgg`"



Gi Va ]gg]cb`cZ5ggYgga YbhHUg\_g

Gi Va ]gg]cb`cZ5ggYgga YbhHUg\_g

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  
Zcfa gZ`Zca`XY`]VYfUHY`WXUhf]b[ 'hc`UWV]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`Zc`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`]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`dfYgYbh]b[ `Ubc`hY`f`g`]XYUg`cf`k`cfXg`k`]hCi hWYX]h`

#Uddfcdf]UHY`dUfUd`fUg]b[ .`7`U`b[ ]b[ `U`Zk`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`]bZcfa`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`hY`f`ei`chYg`UbX`dUfUd`fUgYg`]bhc`U`bYk`k`Y`c`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`XYbhVYZc`fY`hY`Xi`Y`XUHY`Zc`f`Zc`f`hY`di`fdcgY`cZ`hY`a`  
d`U[ ]Uf]g]b[ `Uh`Ubm]h`a`Y`Z`dUm]b[ `UbchYf`dYfgcb`hc`dYfZc`fa`Ub`UWUXYa`]W]Ug`\_`Z`ghYU`]b[ `cf`UW`ei`]f]b[  
UbchYf`dYfgcb`g`UWUXYa`]Wk`cf\_]UbX`W`dm]b[ `]h`c`ZY]b[ `hc`W`a`d`Y`h`UbchYf`dYfgcb`g`k`cf\_]cf`gYY\_]b[  
dUma`YbhZc`W`a`d`Y]b[ `UWUXYa`]Wk`cf\_"

#Uddfcdf]UHY`W]U]cb.`7`h]b[ `gci`fW`g`k`]Wk`Uj`Y`bchVYYb`fYUXZk`]hCi hUW\_bck`YX[ ]b[ `hY`"gYW`bXUfm`  
gci`fW`Zca`k`]Wk`\_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`Zc`f`UbchYf`UggYgga`Ybhcf`W`i`fgY`Uhi`BGK`cf`UbchYf`i`b]j`Yfg]m`

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

- DUfUd`fUg]b[ `Zgi`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`Uhf]Vi`h]cb`Zc`f`U`fUb[ Y`cZa`UHYf]U`g`]b`\$ % U,



## 5 WUXYa ]W]bZcfa Uh]cb`

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

- fYei Yghg`ZcfYI hYbg]cb/
- `UhY`gi Va ]gg]cbg`[ i ]XY`]bYg/
- fYj ]Yk `cZa Uf\_g/
- I BGK `<YU`h`UbX`GUZYfmidc`]WYg/
- YI Ua ]bUh]cb`dfcVWXi fYg/
- gdYW]U`Vc]bg]XYfUh]cb`]b`hY`Yj Ybhcz]`bYgg`cf`a ]gUXj Ybhi fY/
- ghi XYbhYei ]fmUbX`X]gUV`]fm/
- UbX`chYf`YggYbh]U`UWUXYa ]W]bZcfa Uh]cbz`gYY

\hhdg.##k k k "Ufng"i bgk "YXi "Ui #W ffYbh]ghi XYbh]#JWUXYa ]W]bZcfa Uh]cb`#dfchcWc`g`[ i ]XY`]bYg#