



MODL5106

HYI h5bU`mg]g`Zcf`HfUbg`Uh]cb

HYfa `H\fYY`##`&\$%-

7ci fgY`Cj Yfj JYk

`GHUZZ7cbhUWhi8YHUJ`g`

`7cbj Ybcfg`

B Ua Y	9a Uj`	5j Uj`UVj`]m	@cWlhcb	D\cbY
A]fU`? ja	a]fU`_ja 4 i bgk "YXi "Ui	K YXbYgXUm&!` `da	&+(`A cfj Yb 6fck b	\$&- ' ,) & ' , -

`@YWhi fYfg`

B Ua Y	9a Uj`	5j Uj`UVj`]m	@cWlhcb	D\cbY
A]fU`? ja	a]fU`_ja 4 i bgk "YXi "Ui			
@cb[`@]	`cb["`]4 i bgk "YXi "Ui		&, \$`A cfj Yb 6fck b	

`Hi hcfg`

B Ua Y	9a Uj`	5j Uj`UVj`]m	@cWlhcb	D\cbY
@cb[`@]	`cb["`]4 i bgk "YXi "Ui			

GWxccc`7cbhUWhi`Zcfa Uhjcb

GWxccc`cZ<i a Ub]hYg`UbX`@Jb[i U[Yg

@cWlhcb. `GWxccc`C Z]WZ`A cfj Yb`6fck b`6i]X]b[ž`@Yj Y``&ž&),

CdYb]b[`<ci fg.`A cbXUm!` : f]XUmž`- Ua `!)`da

D\cbY. `ž`*%&`- ' ,) `)%*, %

: U! . `ž`*%&`- ' ,) `; , +\$)

9a Uj]. [\U`4 i bgk "YXi "Ui](#)

7ci fgY'8YHJ]`g

7fYX]hDc]bHg`*`

Gi a a UfmicZ\hY'7ci fgY

h\]g`Wci fgY`mci`k`j`YUfb`ck`hc`UbU`mgY`hYI`hg`Zcf`hY`di`fdcgY`cZfUbg`Uhg]cb`6UgYX`cb`GmgHya`]W
:`i`bW]cbU`@]b[`i`]gh]VgZ`U`a`cXY`h`UhfY[`UfXg`Ub[`i`U[`Y`Ug`U`a`YUbb]b[`!`a`U_]b[`fYgci`fWZ`hY`Wci`fgY
]b]fcXi`Wg`mci`hc`U`gYhcZ`hc`g`h`U`hk`j`YbUV`Y`mci`hc`i`bXYfgfUbx`b[`i`]gh]WwXc]Wg`a`UXY`]b`U`hYI`hk`]h`]b
]hg`WcbhYI`hgc`h`U`h`mci`WU]b`a`U_]`]bZcfa`YX`XYW]g]cbg`k`Yb`fUbg`Uhg]b[`"

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

%`5bU`mgY[`fUa`a`Uhg]WU`UbX`YI`]WU`Wxc]Wg`a`UXY`]b`hYI`hg`UbX`]bhYfdFYh`hY`UbU`mg]g`]b`WcbYW]cb`hc`
a`YUbb]b[`UbX`WcbhYI`h`
&`5dd`miH`i`h`UbU`mg]g`hc`a`U_]`]bZcfa`YX`XYW]g]cbg`]b`fUbg`Uhg]cb`
`" `>`i`gh]ZmfUbg`Uhg]cb`Wxc]Wg`]b`dfcZ`gg]cbU`WcbhYI`hg`
(`F`YUX`hYI`hg`W]h]WU`mZcf`hY`di`fdcgY`cZfUbg`Uhg]cb`

HYUWX`]b[`GhfUH[`]Yg`

A`C`8`@`%\$*`]b]fcXi`Wg`ck`hc`UbU`mgY`hYI`hg`Zcf`hY`di`fdcgY`cZfUbg`Uhg]cb`UbX`]bhYfdFYhg]b[`XfUk`]b[`cb`
GmgHya`]W: `i`bW]cbU`@]b[`i`]gh]Vg`fG: `@`H\]g`]b[`i`]gh]W`h`Y`cfm]g`\[`\`m`fY`Yj`Ubh`hc`fUbg`Uhg]cb`UbX`
]bhYfdFYhg]b[`VYW]i`gY`]hdfcj`XYg`i`gYZ`hc`c`g`bYYXYX`hc`UbU`mgY`a`YUbb]b[`]b`WcbhYI`hZ`k`\]W`]g`U`Wc`fY`
Y`Ya`Ybh]b`fUbg`Uhg]b[`UbX`]bhYfdFYhg]b[`"

H\]g`Wci`fgY`Wcbg]gh`cZU`h`c!`ci`f`YW`fY`UbX`U`cbY!`ci`f`h`hc]U`YUWX`k`YY`_`h`hY`YW`fY`Z`gh`XYb]g`k`j`
YUfb`hY`c`fY`h]W`WcbW`d]g`U`Vci`ha`YUbb]b[`Z`WcbhYI`h`UbX`[`fUa`a`Uf`H`U`h]g`ck`X]ZY`fY`bh_]bXg`cZa`YUbb]b[
UfY`Wcbg]h`fY`X`h`fci`[`\`YI`]Wc!`[`fUa`a`Uhg]WU`Wxc]Wg`k`]h`]b`hYI`h]b`fY`Uhg]cb`hc`WcbhYI`f`h`hY`h`hc]U`Z`h`Y`m`
k`j`YUfb`h`fci`[`\`U`bi`a`VYf`cZfUbg`Uhg]cb!`fY`U`h`X`U`W]j`]h]Yg`ck`hc`UbU`mgY`hYI`hg`hc`i`bXYfgfUbx`
X]ZY`fY`bh_]bXg`cZa`YUbb]b[`UbX`ck`hc`bY[`c]h]U`h`gi`W`a`YUbb]b[`g`]b`hY`d`f`c`W`g`cZfUbg`Uhg]cb`h`h`]g`k`UmZ`
gh`XYb]g`k`j`VY`Yei`]ddYX`k`]h`d`fU`W]WU`hc`c`g`k`]h`k`\]W`h`Y`m`WU]b`i`gY`hc`a`U_]`]bZcfa`YX`XYW]g]cb`k`Yb`
h`Y`m`WU]ffmci`hj`Uf]ci`g`h]g`g`Ug`U`fUbg`U`hc`f`UbX`#`f`]bhYfdFYh`f`]b`hY`fYU`k`c`f`X`Ug`k`Y`Ug`h`Y`c`f`Y`h]WU`
_bck`YX[`Y`hc`XYZ`bX`hY]f`XY`]VY`fU`h`XYW]g]cbgZ`k`\]W`]g`]bW`fY`Ug]b[`m]a`d`c`f`U`b]h]b`hY`d`f`c`Z`g`g]cbU`
Wca`a`i`b]m]b`hY`&%ghW`bh`fm`

5ggYgga Ybh

5ggYgga YbhHUg_g`

5ggYgga YbhHUg_	K Y][\h	8i Y`8UH`	Gh XYbh@YUfb]b[Ci hWta Yg`5ggYggYX
HYI hUbU`mg]g`YI Ua`	(\$i	8i f]b[`h`Y`Zcfa U`YI Ua dYf]cX	%z(
HYI hUbU`mg]g`hYghg`	&&\$i	\$- #/\$#&\$%- `-\$- .\$ \$`5A	%z(
F YZYW]j Y`YggUmi	(\$i	(&) #/%&\$%- `-\$- .\$ \$`5A	&z

5ggYgga Ybh8YhU]`g

5ggYgga Ybh%`HYI hUbU`mg]g`YI Ua`

GhUfhXUH`. `Bch5dd`]WV`Y

@Yb[h. `&`\ci fg

8YhU]`g. `Gh XYbhg`Wta d`Yh`Ub`YI Ua`]bU]cb`hc`XYa`cbghfUH`h`Y]f`UV`]hmihc`UbU`mgY`Wta d`YI`[fUa`a`Uh]WU`ZYUhi`fYg`cZHI`hg"Gh XYbhg`fYW]j`Y`U`gi`a`a`Uh]`Y`[fUXY"

Hi fb]h]b`gYh]b[. `H\]g`]g`bchU`Hi fb]h]b`Ugg][ba Ybh

5ggYgga Ybh&.`HYI hUbU`mg]g`hYghg`

GhUfhXUH`. `Bch5dd`]WV`Y

@Yb[h. `.`\$`a`]bi`hYg`dYf`hYgh

8YhU]`g. `Gh XYbhg`Wta d`Yh`h`c`hYghg`hc`XYa`cbghfUH`h`Y]f`UV`]hmihc`UbU`mgY`VUg]W[fUa`a`Uh]WU`ZYUhi`fYg`cZHI`hg"Gh XYbhg`fYW]j`Y`U`gi`a`a`Uh]`Y`a`Uf`_`k`]h`]bX]j`]Xi`U`ZYXVUW_"`

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

H\]g`UggYgga YbhWcbg]ghg`cZhc`hYghg`"H\Y`ZfghcbY`]g`Xi`Y`cb`&` `C`WcVYf`UbX`h`Y`gYWc`bX`cbY`]g`Xi`Y`cb`%\$` %o` %oo%o` %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
fYdcftg"

Gi Va]gg]cb`cZ5ggYgga YbhHUg_g

Gi Va]gg]cb`cZ5ggYgga YbhHUg_g

Hi fb]hb`Gi Va]gg]cb

Ʒmci`YbWci`bhYf`U`dfcV`Ya`k`Yb`U`H`Ya`dh]b[`h`c`gi`Va`]h`mci`f`Ugg][`ba`Ybh`h`fci`[`\`Hi`fb]`h]b`z`d`Y`Ug`Y`
H`Y`d`l`cb`Y`9I`H`fb`U`Gi`ddcfh`cb`-`,`)`'`'`'`%`cf`Ya`U]`h`Ya`cb`YI`H`fb`U`H`h`gi`ddcfh`4`i`bgk`"YXi`"Ui`"Gi`ddcfh`
`l`ci`fg`UfY`,`.\$\$Ua`-`%\$.\$\$da`cb`k`YY`XUmg`UbX`-`.\$\$Ua`-`).\$\$da`cb`k`YY`YbXg`fI`*)`XUmg`U`m`Y`UfL`Ʒmci`
UfY`i`bUV`Y`h`c`gi`Va`]h`mci`f`Ugg][`ba`Ybh`Xi`Y`h`c`U`Z`U`h`k`]h`Hi`fb]`hb`mci`a`Um`Udd`m`Z`f`Ub`YI`H`bg]`cb`z`Vi`h`mci`
a`i`gh`f`Y`h]`b`mci`f`h]`W`Y`h`bi`a`VY`f`Z`ca`9I`H`fb`U`Gi`ddcfh`f`U`cb[`k`]h`Ub`m`c`h`Y`f`f`Y`j`Ub`h`X`c`W`a`Y`b`h`g`L`h`c`
]b`W`i`X`Y`U`g`Y`j`]X`Y`b`W`h`c`gi`ddcfh`mci`f`YI`H`bg]`cb`Udd`]W`h]`cb`"Ʒmci`Ya`U]`9I`H`fb`U`Gi`ddcfh`mci`k`]`
Ui`h`ca`U`h]`W`m`f`Y`W`]j`Y`U`h]`W`Y`h`bi`a`VY`f`z`Vi`h]Z`mci`H`Y`d`l`cb`Y`mci`k`]`b`Y`Y`X`h`c`gd`Y`W`]W`m`U`g`_`Z`f`cb`Y`
Hi`fb]`hb`U`gc`d`fc`j`]X`Y`g`i`d`X`U`H`g`i`cb`h`Y`j`f`g`m`g`h`Ya`g`h`U`h`g`i`cb`H`k`]`h`Y`f`"

;`Yb`Y`f`U`m`z`Ugg`Y`gga`Y`bh`h`U`g`_`g`a`i`gh`V`Y`gi`Va`]h`Y`X`Y`Y`W`f`cb]`W`m`j`]U`Y`]h`Y`f`Hi`fb]`hb`c`f`U`A`cc`X`Y`
Ugg][`ba`Y`bh`h`b`]b`g`h`U`b`W`g`k`Y`f`Y`h`l`g`]g`b`c`h`i`d`c`g`g]V`Y`z`]h`k`]`V`Y`g`h`U`H`X`i`cb`mci`f`W`ci`fg`Y`g`A`cc`X`Y`g`]h`k`]h`
U`h`f`b`U`h]`Y`gi`Va`]gg]cb`X`Y`h]`g`"

:`c`f`]b`Z`c`fa`U`h]`cb`cb`l`ck`h`c`gi`Va`]h`Ugg][`ba`Y`bh`g`i`cb`]b`Y`j`]U`A`cc`X`Y`.\`h`td`g`#`g`h`X`Y`b`h`i`bgk`"YXi`"Ui`#`ack`!
gi`Va`]h`Ugg][`ba`Y`bh`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'U_Y'a Ubm Zcfa gž Zca 'XY]VYfUHY'WXUhf]b['hc'UWV]XYbhU`mWčdm]b['Zca 'U'gci fW'k]h'ci hUW_bck 'YX[Ya Ybh'

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

7cdm]b[.i g]b['hY'gUa Y'cf'j Yfmg]a]Uf'k cfXg'hc'hY'cf][]bU`hYI 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[YgžUfhUbX'XYg][b'dfc'YWgžUg'k Y`'Ug dfYgYbhU]cbg'k \YfY'gca YcbY'dfYgYbhg'UbchYf'g']XYUg'cf'k cfXg'k]h'ci hW'YX]h'

#Uddfcdf]UHY'dUfUd\fUg]b[.7 \Ub[]b['U'Zk 'k cfXg'UbX'd\UgYg'k \]Y'a cghmifYU]b]b['hY'cf][]bU'gf'i W'fY'UbX#cf'dfc[fYgg]cb'cZ]XYUg'cZhY'cf][]bU'žUbX']bZcfa U]cb'k]h'ci hUW_bck 'YX[Ya Ybh' 'H\]g'U'gc'Udd'Yg']b'dfYgYbhU]cbg'k \YfY'gca YcbY'dUfUd\UgYg'UbchYf'g']XYUg'cf'k cfXg'k]h'ci hW'YX]h'UbX'hc d]YW]b['hc[YhYf'ei chYg'UbX'dUfUd\UgYg']bhc'U'bYk 'k \c'Yžk]h'ci hUddfcdf]UHY'fYZfYbW]b["

7c`i g]cb.'k cf_]b['k]h'chYfg'Vi hdUgg]b['cZhY'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'XUHYžcf'Zc'f'hY'di fdcgY'cZhYa d'U[]Uf]g]b['UhUbm]h]a Yž'dUm]b['UbchYf'dYfgcb'hc'dYfZc'fa 'Ub'UWUXYa]W]Ug_žghU']b['cf'UWči]f]b[UbchYf'dYfgcb'g'UWUXYa]Wk cf_'UbX'Wčdm]b[]h'cZf]b['hc'Wča d'Yh'UbchYf'dYfgcb'g'k cf_'cf'gYY_]b[dUma YbhZc'Wča d'Yh]b['UWUXYa]Wk cf_"

#Uddfcdf]UHY'W]U]cb.'7]h]b['gci fW'g'k \]W\Uj Y'bchVYYb'fYUXžk]h'ci hUW_bck 'YX[]b['hY'"gYWčbXUfm' gci fW'Zca 'k \]W'_bck 'YX[Y'cZhYa '\Ug'VYYb'cVU]bYX"

8i d']WU]cb'f'fY'Zd'U[]Uf]ga "L'gi Va]h]b['mci f'ck b'k cf_ž]b'k \c'Y'cf']b'dUf'žk \YfY']h\Ug'dfYj]ci g'm VYYb'dfYdUfYX'cf'gi Va]hYX'Zc'f'UbchYf'UggYgga Ybhcf'Wč'f'gY'Uhi BGK 'cf'UbchYf'i b]j Yfg]m'

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

- DUfUd\Ug]b[žgi a a Uf]g]b[žYggUmk f]h]b['UbX'h]a Y'a UbU[Ya Ybh
- 5ddfcdf]UHY'i gY'cZUbX'Uhf]Vi h]cb'Zc'f'U'fUb[Y'cZa UHYf]U'g']bWi X]b['hYI hž]a U[YgžZc'fa i 'UY'UbX WčbW'drg"

- i bXYfghUbx'mci f'f][\hg'UbX'fYgdcbg]V]h]Yg'Ug'U'gh XYbhUhl BGK
- VY'Uk UfY'cZd'U[]Uf]ga ž'Wcdmf][\hžI BGK 'Gh XYbh7cXY'cZ7cbXi WñUbX'5WwdfUV'Y'I gY'cZ I BGK '⇒H'F Ygci fW'g'Dc`]Wñ
- VY'Uk UfY'cZñY'ghUbXUfXg'cZVY\Uj]ci f'YI dYWñX'cZYj Yfmcby'jb'hY'I BGK 'Wca a i b]m
- `cWñh'gYfj]W'g'UbX'jbZcfa Uhcb'UVci hl BGK 'UbX'I BGK '@VfUfm

Gca Y'cZñYgY'UfYUg'k]`VY'ZJa]]Uf'hc'mci žcñYfg'k]`VY'byk "; U]b]b['U'gc`X'i bXYfghUbx]b['cZU`ñY fY'UH'X'UgdYW'g'cZ9@G9'k]`ñY'd'mci 'a U_Y'hY'a cghcZmci f'gh X]Yg'Uhl BGK ""

[\hhd.##ji V'YWñ'i \]XYg" \]VfUfm'i bgk "YXi "Ui #' \]gY#JVci h' \]gY](#)

5 WUXYa]WbZcfa Uhcb`

: cfYggYbhU`ghi XYbh]bZcfa Uhcb`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`GUZY`midc`]WYg/
- YI Ua]bUh]cb`dfcVWXi fYg/
- gdYWU`Vc]bg]XYfUh]cb`]b`hY`Yj YbhcZ]`bYgg`cf`a]gUXj Ybh fY/
- ghi XYbhYei]m]UbX`X]gUV`]m/
- UbX`chYfYggYbh]U`UWUXYa]W]bZcfa Uh]cbz`gYY

[\hdg.#k k k "Ufng"i bgk "YXi "Ui #W ffYbhghi XYbh\]bZcfa Uhcb`dfc\]Vc`g!\[i \]XY`\]bYg#](#)

⇒ U[Y`7fYX]h

D\chc`VmG\UVi `5bck Yf`cb`I bgd`i g\

7F ⇒ CG

7F ⇒ CG`Dfcj]XYf`7cXY.`\$\$\$- ;