



SOCF5110

DfcZYgg]cbU`DfUWjWV`F YgYUfVX`Dfc`YVh

HYfa`Hk c`#`&\$&\$

GWXcc`cZGcWJU`GWYbWVg`#`I BGK`5ffg`UbX`GcWJU`GWYbWVg

7ci fgY`Cj Yfj]Yk

GHJZ`7cbHJW`8YHJ]`g

7cbj Ybcfg

B Ua Y	9a Uj`	5j Uj`UVj]m	@cWjhcb	D\cbY
A Y`Ub]Y`K \]hY	a Y`Ub]Y`k \]hY4 i bgk "YXi "Ui	VmUddc]bha Ybh	A cfj Yb`6fck b	

GWXcc``7cbHJW`bZcfa Uhjcb

GWXcc``cZGcWU`GWYbWg

Fcca `%) -

A cfj Yb`6fck b`7&\$

Ya Uj].`gcgg4 i bgk "YXi "Ui

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

7ci fgY'8YHJ)`g

7fYX]hDc]bHg`*`

Gi a a UfmicZh\Y'7ci fgY

GcWU`K cf_

H\]g`jg`U`%&`i` C 7`DfcZygg]cbU`DfUW]W`F`YgYUfW`Dfc`YWhWci`fgY`"Mci`k`j`"Ybfc`"b`U`*`i`cWwci`fgY`]b`
YUW`cZtk`c`gi`Ww]gg]j`Y`h`fa`g`k`]h`U`f`Ygi`h`fYdcfYX`VmU`g]b[`Y`[`fUXY`Uh`h`Y`YbX`cZ`h`Y`gYw`bX`*`i`cW`
Wci`fgY`" `b`h`jg`Wci`fgY`z`GC`7`:`)%%\$`DfcZygg]cbU`DfUW]W`F`YgYUfW`Dfc`YWz`nci`k`j`"Wca`a`YbW`UbX`k`cf`_`
hck`UfXg`Ub`]bXYdYbXYbhfYgYUfW`d`fc`YWhk`]h`U`h`cd]WX]fYWhimfY`UH`X`h`c`mci`f`d`fc`Zygg]cbU`d`fUW]W`
bck`YX[`Y`]b`7`ci`bgY`"b[`GcWU`K`cf``z`7`ci`d`Y`UbX`:`Ua`]mH`Y`fUdmz`cf`GcWU`8Yj`Y`cda`YbH`Hcd]W`
Uddfcj`U`]g`fYei`]fYX`Vm`h`Y`fY`Yj`UbhA`Ugh`fg`7`ci`fgYk`cf`_`Dfc[`fUa`7`ccfX]bUhc`"Dfc`YWh`fYdcf`h`k`cfX`
Yb[`h`]g`%&z`\$`\$`!`%`z`\$`\$`k`cfXg`z`UbX`j`Uf]U]cb`k`]h`]b`h`]g`fUb[`Y`]g`h`c`VY`bY[`ch]UH`X`k`]h`h`Y`Gi`dYfj`]gcf`
UWw`cfX]b[`h`h`Y`gdYW]Z]WfYei`]fYa`YbHg`cZ`h`Y`fYgYUfW`d`fc`YWh`UbX`]hg`a`Y`h`c`X`c`c`[`m`

BchY.`5dd`]W]h]cb`Z`f`a`g`h`c`i`bXYfU`_Y`h`]g`Wci`fgY`UfY`Uj`U]UV`Y`Z`f`a`h`Y`fY`Yj`UbhDfc[`fUa`7`ccfX]bUhc`f`
UbX`a`i`ghVY`c`X[`YX`Z`f`W`cbg]XYfU]cb`Vm`h`Y`YbX`cZ`h`Y`h`UW]b[`dYf]cX`d`fYW`X]b[`h`Y`ghUf`h`cZ`h`Y`
fYgYUfW`d`fc`YW`

7ci fgY`@YUfb]b[`C`i`hW`a`Yg

- %`8Yj[`b`z`XYj`Y`c`d`z`UbX`fYdcf`h`c`b`U`fYgYUfW`d`fc`YWh`fY`UH`X`h`c`g`cWU`k`cf`_`UbX`#`f`Wci`bgY`"b[`
h`Ycfm`c`f`d`fUW]W`"
- &`F`Yj`]Yk`h`Y`"j`h`fU]h`fY`c`b`U`fYgYUfW`h`c`d]WfY`UH`X`h`c`g`cWU`k`cf`_`UbX`#`f`Wci`bgY`"b[`h`Ycfm`c`f`
d`fUW]W`"
- `" `8Ya`cbgh`fU]h`_bck`YX[`Y`UbX`i`bXYfgh]UbX]b[`cZ`U`W`c`fY`UfYU`cZ`g`cWU`k`cf`_`UbX`#`f`Wci`bgY`"b[`
h`Ycfm`UbX`d`fUW]W`"

HYUW]b[`G`h`fU]h[`]Yg`

b`h`]g`Z]bU`d`cg]h[`fUXi`UH`Wci`fgY`z`mci`UfY`Yl`dYW`Y`X`h`c`i`bXYfU`_Y`]bXYdYbXYbhfYgYUfW`]b`h`Y`Wca`d`Y`h]cb`
cZ`mci`f`d`fc`YW`5`W]X`Y`a`]Wgi`dYfj`]g]cb`k`j`d`fcj`]XY`Ub`Ybj`]f`c`b`a`Yb`h`Z`f`g`h`XYbh`W`cbgi`h`U]cb`]b`h`Y`
d`Ubb]b[`UbX`Wca`d`Y`h]cb`cZ`h`Y`d`fc`YW`b`Wca`d`Y`h]b[`h`]g`Wci`fgY`h`Y`fY`]g`Ub`Yl`dYW`U]h]cb`h`U]h`mci`k`j`i`gY`
Ub`UbU`m]h]W]UddfcUW`h`c`mci`f`k`cf`_`z`UbX`g`l`c`k`h`Y`UV`]m]h`c`Udd`m`h`Ycfm`UbX`h`c`h`]b`_`W]h]W]m`9j`]XYbW`
cZ`h`]g`a`i`ghVY`d`fcj`]XYX`]b`h`Y`Z]bU`d`fc`YWh`fYdcf`h`k`k`]W]g`d`fc`Xi`W`X`Uh`h`Y`fY`Yj`UbhXi`Y`X`U]h`]b`h`Y`
Wci`fgY`GC`7`:`)%%`DfcZygg]cbU`DfUW]W`F`YgYUfW`Dfc`YWh`6`f`h`Y`Uggc`W]UH`X`Wci`fgY`h`c`h`]g`Wci`fgY`E`"Mci`
UfY`fYgdc`b`g]V`Y`Z`f`h`Y`d`UW`UbX`d`fc[`fYgg`cZ`h`Y]f`fYgYUfW`z`UbX`Z`f`fU]g]b[`k`]h`h`Y`Gi`dYfj`]gcf`UbX`#`f`
7`ccfX]bUhc`f`Ubm`W`U`Yb[`Yg`c`f`X]Z]W`h`Y`g`k`]h`mci`f`Y`Ufb]b[`"Gi`dYfj`]g]cb`k`j`"VY`gd`UW`X`c`j`Y`f`h`Y`h`fa`z`
k`]h`c`dd`c`f`h`b]h]Yg`Z`f`d`fc[`fYgg]j`Y`Z`Y`X`V`U`W`_`UbX`bY[`ch]UH`X`a`]Yg`h`c`b`Y`h`Ug`_`g`"



F Ygci fWg

DfYgWf]VYX`F Ygci fWg`

Gh XYbtg`k]`VY`U`cWUHX`U`gi dYfj]gcf

F YWca a YbXYX`F Ygci fWg

F YWca a YbXYX`F Ygci fWg.

%`6fma Ubz`5`"f&\$%&E`GcWU`fYgYUfW`a YhcXg`f(h`YX"E`C I ZcFXz`9b[`UbX.`C I ZcFX`I b]j Yfg]m`

&"GdfYb_`Yz`8"<`"/`D]YfWz: "D`"fYXgLf&\$)\$ E`"F YgYUfW`A YhcXg`]b`:`Ua]`mH\YfUdnz; i]ZcFX`DfYgg.

BYk`Mcf_`"H\]g`di V`]WU]cb`WU`b`VY`di fWUgYX`cb!`]bY`VmUWfYgg]b[`h`Y`Zc`ck`]b[`I`F`@

6f]hg\`>ci fbU`cZGcWU`K cf_ž' %ž) +!+- "

7 cfVmž6 "f&\$\$*E"5dd`m]b['fYgYUfVX 'j]b'gcWU`k cf_`dfUWVW"A U]XYb\YUX. 'C dYb' l b]j Yfg]m"; f]bbY`žF " A "fØX"Éf% , , É'GcWU`k cf_`fYgYUfVX 'UbX'Yj U'i Uh]cb" #UgWU. : 9`DYUWÉW_"

A Ufck ž7 "F "f&\$\$) É" F YgYUfVX 'a YhcXg'žf['YbYfU`]ghgcWU`k cf_"6Y`a cbh'6fcc_g#7 c`Y"BYi a UbžK " @"/ ? fYi [Yfž@'K "f&\$\$' É'GcWU`k cf_`fYgYUfVX 'a YhcXg. 'E i U`]fU]j Y'UbX'ei Ubh]fU]j Y'Udd`]WU]cbg" 6cgrcb. 'DYUfgcb'9Xi WU]cb"

F cmgYž8 "f&\$\$('É" F YgYUfVX 'a YhcXg']b'gcWU`k cf_`f(h`YX"É'DUWZ]W; fcj Y. '6fcc_g#7 c`Y"GUfUbfU_cgž G"f&\$\$) É'GcWU`fYgYUfVX 'f] fX'YX"É"@cbXcb. 'A UWá]`Ub"

K U`hYžA "fØX"Éf&\$\$*É'GcWU`fYgYUfVX 'a YhcXg. 'Ub'5i g]fU`]Ub'dYfgdYW]j Y" 'Gci h`A Y`Vci fbY. 'C l žfX

F YWÉa a YbXYX'cb`]bY'a UHf]U'g'UbX'chYf'i gYZi `gci fWg

% GcWY]mžf'GcWU`K cf_`UbX'F YgYUfVX '! \hhd. ## k k "ggk f"cf[#
&" 9j]XYbW'6UgYX'DfUW]W`j]b< YU'h`7 UfY '! \hhd. ## k k "V]ca YX"V"i a b"YXi #YUfb#Vd#
' " H\Y': Ua]mH\YfUdmUbX'Gmg]Ya]Wf YgYUfVX '7 Yb]fY' - \hhd. ## k k "i Y!žgfWcf[#
(" GcWU`F YgYUfVX '5ggcWU]cb'k k k "hY!gfU"cf["i _
) " E i Ubh]fU]j Y'F YgYUfVX '8Yg][b '\hhd. ## k k "Yi dYf]a Yb]fYgci fWg"WÉa #e i Ubh]fU]j Y!fYgYUfVX!
[XYg\]\[b"\ha`](#)
*" 9j]XYbW'6UgYX'DfUW]W`j]b< YU'h`7 UfY '! \hhd. ## k k "V]ca YX"V"i a b"YXi #YUfb#Vd
+ " Dfc[fUa '9j U'i Uh]cb'UbX'8Yg][b ! '\hhd. ## a UbU[Ya Yb]hY'd"cf[#j U'i U]b#b'SYj U"\ha`

#ia UmVY'i gYZi `hc'fYj]Yk 'hY'žc`ck]b['a YU!fYj]Yk 'UVci hZJa]m]hYfUdmci hWÉa Y'fYgYUfVX. 'F Yj]Yk 'cZ ZJa]mžWÉi d`Yg'UbX'gmg]Ya]W]hYfUdmci hWÉa Y'fYgYUfVX '&\$\$!&\$\$- 'VmDYHf'G]fU]cbž9a a U'G]j Yfž B U]Ug\U'B U]g]W]a Yb]cž; k Yb'Dck Y`ž@]n'A W]cbY`' / '9k U'B'cj c]bm]g'Uj U]UV'Y'Uh`
[\hhd. ## k k "Užf'cf\["i #fU\]b\]b\[#YgYUfVX"Ugd](#)

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

7 ci fgY'Yj U'i Uh]cb'UbX'XYj Y`cda Ybhk]`VY`j]bžfa YX'Vmigh XYbhZYXVUW`h]fci [\`l BGK 'A m 9l dYf]YbW`"

Gi Va]gg]cb`cZ5ggYgga YbhiHUg_g

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

≠mci`YbWci bHYf`U`dfcV`Ya`k` \Yb`UHYa` dh]b[`hc`gi`Va`]hmc`i`f`Ugg][`ba`YbhiHfci`[`\`Hi`fb]h]bzd`YUgY`
HY`Yd\cbY`9I`HYfbU`Gi`ddcfhcb`-`,`)`"``"``%cf`Ya`Uj`h`Ya`icb`YI`HYfbU`HY`hgi`ddcfh4`i`bgk`"YXi`"Ui`""Gi`ddcfh`
\ci`fg`UfY`,`.\$\$Ua`-`-%\$.\$\$da`icb`k`YY`XUmg`UbX`-`.\$\$Ua`-`).\$\$da`icb`k`YY`YbXg`fI`*)`XUmg`U`mY`UfI`"≠mci`
UfY`i`bUV`Y`hc`gi`Va`]hmc`i`f`Ugg][`ba`YbhiXi`Y`hc`U`Zi`h`k`]h`Hi`fb]h]b`mci`a`UmUdd`m`Zc`f`Ub`YI`HYbg]cb`Z`Vi`hmc`i`
a`i`ghfYhU]b`mci`f`h]W`Yhbi`a`VYf`Z`ca`9I`HYfbU`Gi`ddcfhU`cb[`k`]h`Ubmc`h`Yf`fY`Yj`UbhXcW`a`Ybhtg`L`hc`
]bWi`XY`Ug`Yj`]XYbVW`hc`gi`ddcfhmc`i`f`YI`HYbg]cb`Udd`]W]h]cb`"≠mci`Ya`Uj`9I`HYfbU`Gi`ddcfhmc`i`k`]`
Ui`hc`a`U]W]m`fYW]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]Z]W]m`Ug`_`Zc`f`cbY`"
Hi`fb]h]b`U`gc`dfcj`]XYg`i`dXUHYg`cb`h`Y]f`gmghYa`ig`hU`h`g`cb`Hk`]hYf`"

;`YbYfU`mz`UggYgga`YbhiUg_g`a`i`ghVY`gi`Va`]hYX`Y`Y`Wfcb]W]m`j`]U`Y]h`Yf`Hi`fb]h]b`cf`U`A`ccX`Y`
Ugg][`ba`Ybhi`h`]bghU`bVW`g`k`\YfY`h`g`]g`bchidcgg]V`Y`Z`]hk`]`VY`gh`U`H`X`cb`mci`f`Wci`fgY`g`A`ccX`Y`g]h`k`]h`
U`HYfbU]h]`Y`gi`Va`]gg]cb`XYhU]g`"

:`cf`]bZcfa`U]cb`cb`\ck`hc`gi`Va`]hUgg][`ba`Ybhtg`cb]bY`j`]U`A`ccX`Y`.\`h`hdg`#`gh`XYbhi`bgk`"YXi`"Ui`#ck`!
gi`Va`]hUgg][`ba`Ybhta`ccX`Y`"

5 WUXYa]W< cbYgmiUbX`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" `#WUb`hU`Y`a Ubm
Zcfa gZ`Zca `XY`]VYfUHY`WXYUH]b[`hc`UWV]XYbhU`mWc`dm]b[`Zca `U`gci fW`k]h`ci hUW`bck `YX[Ya Ybh`

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

7 cdm]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[YgZ`UfhUbX`XYg][b`dfc`YWgZ`Ug`k Y`"Ug
dfYgYbhU]cbg`k \YfY`gca YcbY`dfYgYbh]UbchYf`g]XYUg`cf`k cfXg`k]h`ci hWYX]h`

#Uddfcdf]UHY`dUfUd`fUg]b[. `7`Ub[]b[`U`ZYk`k cfXg`UbX`d`fUgYg`k \]Y`a cghmfYHU]b]b[`hY`cf][]bU`

- 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][\hž' BGK 'Gh XYbh7cXY'cZ7cbXi W'Ubx'5W'WdhUV'Y'I gY'cZ I BGK '⇒H'F Ygci f'Wg'Dc`]Wm
- VY'Uk UfY'cZ'Y'ghUbxUfXg'cZVY\Uj]ci f'YI dYW'X'cZYj Yfmcby`]b'h'Y'I BGK 'Wca a i b]m
- 'cWJH'gYfj]Wg'UbX'j]bZcfa Uh]cb'UVci hl BGK 'UbX'I BGK '@]VfUfm

Gca Y'cZ'Y'gY'UfY'Ug'k]''VY'ZJa]]Uf'hc'mci ž'c'h'Yfg'k]''VY'bYk "'; U]b]b['U'gc`]X'i bXYfghUbx]b['cZU''h'Y fY'UH'X'UgdY'W'g'cZ9@-G9'k]''\Y'd'mci 'a U_Y'h'Y'a cghcZmci f'gh X]Yg'Uhl BGK ""

[\hhd.##ji V'Y'W'i \]X'Yg"'\]VfUfm'i bgk "YXi "Ui #' \]gY#J'Vci h' \]gY](#)

5 WUXYa]W=Zcfa Uh]cb

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

- fYei Ygth`Zc`YI H`bg]cb/
- `Uh`gi Va]gg]cbg`[i]XY`]bYg/