

1

7ci fgY`Cj Yfj]Yk

GHJZ 7cbHJW`8YHJ]`g

7ci fgY'8YHJ]g

7fYX]hDc]bfg '*

Gi a a UfmcZ\hY'7ci fgY

H\]g'Wci fgY]g'WbhfYX'cb'hY'Z bXUa YbHU'g'cZYbj]fcb a YbHU'h'VWbc'c[]Yg'UbX'h'Y]f'dfUW]WU]h]Ygž
]a d']W]h]cbgž'cddcfh b]h]Ygž'UbX'WU'Yb[Yg'Zcf'Ybj]fcb a YbHU'dfcZYgg]cbU'g'UbX'YUXYfg" '6i]X]b['cb
i bXYfg]UbX]b[g'cZ\hY'a YWU]b]ga g'h'fci [\ 'k \]W'gcW]Ym]g\UdYg'h'VWbc'c[m]f]UbX'h'VWbc'c[m]g\UdYg
gcW]Ym]z'h]g'Wci fgY']b]fcXi W'g'fYU'!k c'fX'WU]gY'gh X]Yg'cZ\hY'Udd']W]h]cb'cZ'h'VW]b]WU'Z] Yg'XYg][bYX'hc
fYXi W'\i a Ub]m]g'YWc'c[]WU']a dUW' ' 'Yi d'cf]b['h'Y'X]j YfgY'fY'U]h]cbg\]dg'UbX'gcW]c!YWc'bca]WUc'b]h]i hg
UW'cgg'W]h]Ygž'fi fU'ž'UbX'fY[]cbU'UFYUg']b'h'Y; 'cVU' 'B'cf'h'UbX'Gci h']b'k \]W'Ybj]fcb a YbHU'
h'VWbc'c[]Yg'UfY'XYd'cm]X'ž'mci 'k]' 'XYj Y'cd'Ub'UXj UbW'X'i bXYfg]UbX]b['cZ'h'bg]cbg'VY'h'YYb'j Uf]ci g
Z'fa g'cZ'h'VW]b]WU' _bck 'YX[Yg'UbX'h'Y]f'Udd']W]h]cb'k]h']b'UbX'UW'cgg'gcW]Yh]Yg'UbX'W' 'h' fYg"

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

- % ' 'j Ygh[U]h' h'Y']b]h'fUW]cb'VY'h'YYb'h'VWbc'c[m]UbX'gcW]Ym]z'UbX']hg']bZi YbW' 'cb'h'Y'fc'Y'cZ
Ybj]fcb a YbHU'dfcZYgg]cbU'g'UbX'YUXYfg
- &" 8Ya cbg]fU]h'Ub'i bXYfg]UbX]b['cZ\hY']a d'cf]UbW'cZgcW]c!YWc'bca]WUc'b]h]i hg'Z'cf'h'Y
XYj Y'cda Yb]h]UbX'XY']j YfmcZYbj]fcb a YbHU'h'VW]b]WU'Z] Yg
- ' " 5ggYgg'Wca a cb'Udd'fcUW]Yg'hc'Ybj]fcb a YbHU'h'VWbc'c[]Yg'UbX'XYg][bž'UbX'\ck 'h'YgY'UXX'fYgg
fYU'!k c'fX'UbX'Wca d'Yi 'WU'Yb[Yg
- (" 8]gW'gg'h'Y']a d'cf]UbW'cZW' 'h' fU'Wc'b]h]i hcb'h'VW]b]WU' _bck 'YX[Yg'UbX'h'Y]f'Udd']W]h]cb
-)" 7ca a i b]W]h]h'Y'cddcfh b]h]Yg'UbX'WU'Yb[Yg'cZYbj]fcb a YbHU'h'VWbc'c[]Yg'hc'U'fUb[Y'cZ
ghU_Y\c'XYfg']b'Vch'UW]X'Ya]WU]bX'dfUW]WU'gY'h]b[g

HYUW]b['GhfU]h[]Yg'

H\]g'Wci fgY'i h]]gYg'U'X]j Yfg]m]cZUW]h]]h]Ygž']b]Wi X]b['ZUW'!hc!ZUW'WU]ggYgž'cb']bY'UW]h]]h]Ygž[i Ygh
'YW]h' fYgž'UbX'Z]Y'X'gh X'm]hc'gi d'cf]h]UbX'XYj Y'cd'mci f'YUfb]b["' 'h'fUW]h] Y'gYa]bUfg']b]Wi XY'YW]h' fYg'UbX
[i Ygh'YW]h' fYgž'ga U' [fci d'UW]h]]h]Ygž'dfYgYb]h]cbgž'UbX'V'fcUXYf'X]fYW]h'X'X]gW'gg]cb"

5ggYgga Ybh

5ggYgga YbhHUg_g

5ggYgga YbhHUg_	K Y][\h	8i Y'8UH	Gh XYbh@YUfb]b[Ci hWta Yg'5ggYggYX
: cfi a `X]gW gg]cb`	;%\$i	Bch5dd`]WUV`Y	%ž)
; fci d'dfc`YWhdfYgYbhU]cb`	' \$i	Bch5dd`]WUV`Y	%ž'&ž' ž(
F YgYUfW`F Ydcfh	' \$i	% #\$, #&\$&\$`%%) - `DA	&ž' ž)
F Yj]Yk `cZF YUX]b[`g`	' \$i	Bch5dd`]WUV`Y	%ž'&ž'

5ggYgga Ybh8YHJ]`g

5ggYgga Ybh% : cfi a `X]gW gg]cb

GHUfhXUH. `Bch5dd`]WUV`Y

@Yb[h.) \$ \$

8YHJ]`g.

%cf`&`WUgg`YI YfW]gYg`fba UI `) \$ \$`k cfXg`UbX`dUfh]W]dU]cb`f`b!W]a di g`C F `cb`]bY`X]gW gg]cb`dcghg
fX]ghU]bW`gh XYbhg`cZa UI `) \$ \$`k cfXg`dYf`k YY_`Zc`f`dfYgW]VYX`k YY_g`" `bX]j]Xi U`ZYXVUW_`dfcj]XYX"

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

GY`A ccX`Y`Zc`f`Z f`h`Yf`XYHJ]`g"

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

5ggYgga Ybh&. ; fci d'dfc`YWhdfYgYbhU]cb

GHUfhXUH. `Bch5dd`]WUV`Y

8YHJ]`g.

; fci d'dfc`YWhdfYgYbhU]cb`cZUVci h&\$`a]bi h`g`cb`Ub`Yb[]bYYf]b[`gc`i`h]cb`Zc`f`Ub`Ybj]fcb`a`Ybh`
dfcV`Ya "

K f]h]b`UbX`j YfVU`ZYXVUW_`dfcj]XYX"

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

GY`A ccX`Y`Zc`f`Z f`h`Yf`XYHJ]`g"

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

5ggYgga Ybh' . 'F YgYUfW 'F Ydcfh

GhUfhXUHY . 'Bch5dd'WUV'Y

8YHU]`g.

HYWbc`c[mUggYgga YbhFYdcfz&) \$\$`tc" \$\$\$`k cfXg'a Ul]a i a

k f]HYb`ZYXVUW`dfcj]XYX

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

GYY`A ccX`Y`Zcf`Z fh\Yf`XYHU]`g"

Hi fb]h]b`gYH]b[. 'H\]g`Ugg][ba Ybh]g`gi Va]HYX`h`fci [\ `Hi fb]h]b`UbX`gh XYbhg`Xc`bchgYY`Hi fb]h]b`g]a]Uf]mfYdcfng"

5ggYgga Ybh(. 'F Yj]Yk `cZF YUX]b[g

GhUfhXUHY . 'Bch5dd'WUV'Y

8YHU]`g.

G\cfhk YY`mfYj]Yk g`cZF YUX]b[gza Ul `) \$\$\$`k cfXg`YUW `Zcf' `k YY`g`Ug`gY`YWYX`Vmgh XYbhg

K f]HYb`ZYXVUW`dfcj]XYX"

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

GYY`A ccX`Y`Zcf`Z fh\Yf`XYHU]`g"

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

F Ygci fWg

DfYgWf]VYX`F Ygci fWg`

GYY`A ccX`Y`Zcf`XYHJ]g"

Gi Va]gg]cb 'cZ5ggYgga YbhiHUg_g

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

Ẓmci 'YbWci bHYf'U'dfcV'Ya 'k \Yb'UHYa dh]b['hc'gi Va]hmc i f'Ugg][ba YbhiH'fci [\ 'Hi fb]h]bž'd'YUgY
HY'Yd\cbY'9I HYfbU'Gi ddcfhcb'- ' ,) " ' ' %cf'Ya U] 'H'Ya 'cb'YI HYfbU'HY'ngi 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'mYUfI" Ẓmci
UfY'i bUV'Y'hc'gi Va]hmc i f'Ugg][ba YbhiXi Y'hc'U'Zi 'hk]H'Hi fb]h]b'mci 'a UmiUdd'm'Zc'f'Ub'YI HYbg]cbž'Vi hmc i
a i ghfYH]b'mci f'h]W'Yhbi a VYf'Z'ca '9I HYfbU'Gi ddcfhfU'cb['k]H'UbmicH'Yf'fY'Yj UbhXcW a Yb'gk'hc
]bWi XY'Ug'Yj]XYbW'hc'gi ddcfhmc i f'YI HYbg]cb'Udd'jW]h]cb" Ẓmci 'Ya U]'9I HYfbU'Gi ddcfhmc i 'k]`

5 WUXYa]W< cbYgmiUbX`D`U[]Uf]ga

D`U[]Uf]ga `]g`i`g]b[`h`Y`k`c`f`X`g`c`f`]X`Y`U`g`c`Z`c`h`Y`f`g`i`U`b`X`d`f`Y`g`Y`b`h]b[`h`Y`a` `U`g`m`c`i`f`c`k`b`" `#`W`U`b`h`U`_`Y`a` `U`b`m`
Z`c`f`a`g`Z`Z`c`a` `X`Y`]V`Y`f`U`H`Y` `W`X`Y`U`H]b[`h`c`U`W`W`Y`X`Y`b`h`U`m`i`W`c`d`m]b[`Z`c`a` `U`g`c`i`f`W`k`]h`c`i`h`U`W`b`c`k` `Y`X[`Y`a` `Y`b`h`

- i bXYfghUbx'mci f'f][\hg'UbX'fYgdcbg]V]h]Yg'Ug'U'gh XYbhUhl BGK
- VY'Uk UfY'cZd'U[]Uf]ga ž'Wc'dmf][\hž' BGK 'Gh XYbh7cXY'cZ7cbXi W'Ubx'5Ww'dhUV'Y'I gY'cZ I BGK '⇒H'F Ygci fW'g'Dc`]Wm
- VY'Uk UfY'cZh'Y'ghUbxUfXg'cZVY\Uj]ci f'YI dYW'X'cZYj Yfmcby'j]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'cZh'YgY'UfYUg'k]`VY'ZJa]]Uf'hc'mci ž'ch'Yfg'k]`VY'byk "; U]b]b['U'gc`X'i bXYfghUbx]b['cZU`h'Y fY'UH'X'UgdYW'g'cZ9@G9'k]`Y'd'mci 'a U_Y'h'Y'a cghcZmci f'gh X]Yg'Uhl BGK ""

[\hd. #gj V'YWf i \]XYg" \]VfUfm'i bgk "YXi "Ui #` \]gY#JVci h' \]gY](#)

5 WUXYa]W=Zcfa Uh]cb

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

- fYei Ygth]Zc`f`Yl H`bg]cb/
- `Uh`gi Va]gg]cbg`[i]XY`]bYg/
- fYj]Yk `cZa Uf_g/