

7 ci fgY`Cj Yfj]Yk

GhJZZ`7 cbhJW`8 YHJ`g

7 cbj Ybcfg

B Ua Y	9a Uj`	5j Uj`UVj`]m	@cWJhcb	D\cbY
6fj[]X`7 cghY`c	Va "VtghY`c4 i bgk "YXi "Ui	Hi YgXUmg`%\$!%%Ja cf`VmUddc]bta Ybh	F cVYfh K YVghYf`&' %	- ' ,) `* , \$)

GWcc`7 cbhJW`bZcfa Uh]cb

GWcc`cZHY`5 frg`UbX`A YX]U

F cca`" %&ž@Yj Y`" žF cVYfhK YVghYf`6i]X]b[`fj % (Ł

D\cbY.`f\$&Ł- ' ,) `(,) *

9a Uj]: [gUa 4 i bgk "YXi "Ui](#)

K YVg]hY: [k.k.k "Ufng"i bgk "YXi "Ui #gUa](#)

H\Y`GWcc`cZHY`5 frg`UbX`A YX]U`k ci `X`_]Y`hc`F YgdYWZ`m5W_bck`YX[Y`hY`HfUX]hcbU`7 i ghcX]Ubgž
hY`6YXY[U`fP`Ybg]b[hcb`WJa di gŁž; UX][U`f7]mUbX`5fv`8Yg][b`7 Ua di gYgŁUbX`hY`B [i bbUk U`
dYcd`Y`f5i ghfU]Ub`8YZYbVW` : cfVW`5WUXYa m]b`7 UbVYffUŁ`cZHY`UbXg`k \YFY`YUWX`WJa di g`cZI`BGK`]g
`cWJhYX"

7ci fgY'8YHJ]`g

7fYX]hDc]bqg`*`

Gi a a UfmcZh\Y'7ci fgY

I bXYfgHUbX]b[`k \Uh[Ua Yg'fYU`mUfY'UbX`ck`h\YmWUb`UZZYWhUbX`WYUH`Ui X]YbWg`]g`YggYbH]U`
_bck`YX[Y`Zcf`Yj`Yfma`YX]U`[fUXi`UH`" `b`h]g`Wci`fgY`k`Y`ZcW`g`cb`h\Y`a`cgh`Wca`a`cb`hmd`Yg`cZ[Ua`Yg`h`Uh`
a`YX]U`dfcXi`Wfg`WYUH`zeWd]age`YS_`Wc`"H\YgY`UfY`[Ua`Yg`h`Uh`UfY`i`gYX`Zcf`fYU`!`]Z`di`fdcgYg`ch`Yf`h`Ub`
di`fY`Yb`h`f`h]ba`Yb`h`:`cf`Yi`Ua`d`Y`z`h`Y`mia`][`h`vY`i`gYX`Zcf`gcW]U`W`Ub[Y`z`Y`Xi`W`h]cb`z`h]b]b[z`UXj`Y`f]g]b[z`
cf`h`c`Y`d`d`Y`cd`Y`U`W`X]Yj`Y`U`d`U`f]W`U`f`Y`U`h`c`V`Y`W]j`Y`" `b`h]g`Wci`fgY`mci`k`]"`ZcW`g`cb`h\Y`Wc`b`W`dh`U`
XYg][`b`UbX`Ub`U`mg]g`cZgYf]ci`g`[Ua`Yg`"H\]g`Wc`b`h]i`h`k`]"`g`U`d`Y`Ub`]bj`Y`gh[U`h]cb`]b`h`c`[Ua`Y`UY`gh`Y`h]V`g`z`

5ggYgga Ybh

H\YfY'UfY'fY'UggYgga YbhUg_g'hc'Wca d'YH'"Mci' a i ghWca d'YH'UbX'\UbX']b'U''fY'Ug_g]b'cfXYf
 hc'dUgg'h'g'Wci fgY''H\]g'a YUbg'h.Uhimei'k]'ZU]'Zmei'Xc'bch\UbX']b'cbY'Ug_'Yj Yb']Zmei'\Uj Y'U'hcU'
 [fUXY'cZcj Yf') \$Zca' hY'chYf'hk c'Ugg][ba Ybhg"
 GYY'hY'Wci fgY'k YVg]h'cb'A ccX'Y'Zcf'Z''Ugg][ba YbhUg_'XYgW]dh'cbgza Uf_]b['W]h'f]U'UbX'gi Va]gg]cb
]bgfi W]cbg"

5ggYgga YbhUg_g

5ggYgga YbhUg_g	K Y][\h	8i Y'8UHY	Gh XYbh@YUfb]b[Ci hWca Yg'5ggYggYX
@YWi fY'5Wij]hYg'	' \$i	DUfhC bY: 'A cb', h' A UfW &\$&%%da 'DUfhHk c.'A cb &&bX'A UfW'&\$&%%da	%z&
; Ua Y'5bU'mg]g'9ggUmi	(\$i	\$(#&\$&%%\$DA	%z&
Gyf]ci g'; Ua Y'DfchcmY			

D`YUgY`gYY`A ccX`Y`Zc`f`Z ``UggYgga YbhXYgW]d]cb"

Hi fb]h]b`gYh]b[.`H\]g`Ugg][ba Ybh]g`gi Va]h]X`h]fci [\`Hi fb]h]b`UbX`ghi XYbh]Xc`bchgYY`Hi fb]h]b`g]a]Uf]m]fYdcf]g"

5ggYgga Ybh' .`GYf]ci`g; Ua Y`Dfch]mdY`DUW_U[Y

Gh]fh]XU]h].`Bch5dd`]WV`Y

8Yh]g.

; fci d`dfc`YWh]b`h]Ua g`cZ&! ("`Gi Va]h]X`Wc]a dcbYbh]g`UfY. ; !%\$`a]bi h]`dfYgYbh]h]cbz`%&`a]bi h]` [Ua Yd`Um]XcW a Ybh]h]cbz [Ua Y`dfch]mdY`XcW a Ybh]cZ, \$!%\$\$\$`k`cfXg": YYXVUW_j]U`Wc]i fgY`@A`G"

5XX]h]cbU`XYh]g.

H\]g`h]Ug_`Ug`a i`h]d`Y`XYUX`]bYg.; Ua Y`Dfch]mdY`d`Um]Yg]g`UfY`]b`K`YY_`+":]bU`@YWh]`fYf`d`Um]Yg]g`UfY`]b`K`YY_`-":]bU`dfYgYbh]h]cbg`h]c`h]Y`7`]Ybh]UfY`]b`K`YY_`%\$`]b`WUgg`UbX`h]Y; Ua Y`Dfch]mdY`XcW a Ybh]g`UbXYX`]b`cb`A`ccX`Y`]b`k`YY_`%\$`UZYf`h]Y`dfYgYbh]h]cb": cf`Z ``Vf]YZd`YUgY`gYY`A`ccX`Y"

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`

5`k YY_`mfYUX]b[gZ[Ua YgZ`UbX`cH`Yf`W`i fgY`W`bH`bhk]`VY`Uj U]UV`Y`j]U`h`Y`W`i fgY`k`YVg]h`cb
A ccX`Y"

F YWca a YbXYX`F Ygci fWg

H\Y`I`BGK` `@]VfUfm\Ug`a`Ubmi`gYZ` ``fYgci fWg`cb`gYf]ci`g`[Ua`Y`XYg][`b`UbX`UbU`mg]g``H\YfY`]g`U``]b`_`hc
U`@Y[Ubhc``]ghcZ`hYgY`fYgci fWg`cb`h`Y`W`i fgY`k`YVg]h`cb`

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

Gi Va]gg]cb 'cZ5ggYgga YbhiHUg_g

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

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

D`U[]Uf]ga `]g`i g]b[`hY`k cfXg`cf`]XYUg`cZc`hYfg`UbX`dfYgYbh]b[`hYa `Ug`mci f`ck b" `#WUb`hU`Y`a Ubm
Zcfa gZ`Zca `XY`]VYfU`h`V`X`Y`U`h]b[`h`U`W`Y`X`Y`b`h`U`m`W`c`d`m]b[`Z`ca `U`gci f`W`k]h`ci h`U`W`b`c`k `Y`X[`Y`a `Y`b`h`

I B G K ` [fci dg`d`U[]Uf]ga `]b`h`c`h`Y`Z`c`ck]b[`W`U`h`Y` [cf]Yg.

7 cdm]b[. `i g]b[`h`Y`g`U`a `Y`cf`j `Y`fmg]a]U`f`k`cf`X`g`h`c`h`Y`cf][]b`U`h`Y`h`cf`]X`Y`U`k]h`ci h`U`W`b`c`k `Y`X[]b[`h`Y`

- 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'5W'W'dhUV'Y'I gY'cZ I BGK '⇒H'F'Ygci f'W'g'Dc`]W'h
- VY'Uk UfY'cZ'U'g'U'bx'Uf'X'g'c'Z'V'Y'U'j]ci f'Y'I d'Y'W'X'c'Z'Y'j Y'f'm'c'b'Y'']b'h'Y'I BGK 'W'c'a'a'i'b]m
- 'c'W'U'h'g'Y'f'j]W'g'UbX'j]b'Z'c'f'a U'h'c'b'U'V'c'i h'l BGK 'UbX'I BGK '@]V'f'U'f'm

Gca Y'cZ'U'g'Y'U'f'Y'U'g'k]''V'Y'Z'J'a]]U'f'h'e'm'c'i ž'c'h'Y'f'g'k]''V'Y'b'Y'k ''; U]b]b['U'g'c'X'i bXYfghUbx]b['cZU''h'Y f'Y'U'h'X'U'g'd'Y'W'g'c'Z'9@-G'9'k]''\Y'd'm'c'i 'a U_Y'h'Y'a c'g'h'c'Z'm'c'i f'g'h X]Y'g'U'hl BGK ''

[\h'c'.#\]j V'Y'W'f'i \]X'Y'g'' \]V'f'U'f'm'i b'g'k "Y'X'i "U'i #' \]g'Y'#\]V'c'i h' \]g'Y](#)

5 WUXYa]W=Zcfa Uh]cb

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

- fYeI Ygth]Zc`f`YI h`bg]cb/
- `Uh`gi Va]gg]cbg[[i]XY`]bYg/
- fYj]Yk `cZa Uf_g/
- I BGK `<YU`h`UbX`GUZY`mdc`]WYg/
- YI Ua]bUh]cb`dfcW`Xi fYg/
-