



MUSC1707

DYfZcfa UbWV '@JVcfUhc fm5

HYfa 'CbY''##'&\$&\$

7 ci fgY`Cj Yfj]Yk

`GHJZ`7 cbhJW`i8YHJ`g`

`7 cbj Ybcfg`

B Ua Y				

5ggYgga Ybh

Q-YfY'mci 'WU'ci h]bY'UbmiFY'Yj Ubh]bZcfa Uh]cb'hUhk Ug'bc]bWl XYX']b'5 A G'Vi ha Umidfcj Y'\Y'dZ'`Zcf
mci f'gh XYbhg": cf'Yl Ua d'Yžmci 'a][\hdrcj]XY'XYfU]g'cb'hY'fYZ'fYbW]b['gmghYa ž"]b_g'hc'dfYj]ci g
gh XYbhYl Ya d'Ufg'cf'hY'XYg][bUH'X'k YY_]b'hY'Włi fgY'hUhmci 'k]'X]gW gg'hY'UggYgga YbhUh'Yb[h"

@Yb[ħ. %\$'a]bi ħYg

8YĤU]g. 'DYfZcfa UbW #dfYgYbhU]cbg'k]''VY'WcbXi WYX'Xi f]b['k cf_g\cd'gYgg]cbg]b'H%UbX
H&' 'ĥghf' a YbhU']ghg'UbX'j cWU']ghg'k]''dYfZcfa 'cbY'Wca d'YĤ']Ĥ'a ']b'YUW' Ĥ'fa žk \]W' a UmVY'U
a cj Ya Ybh'cZU'Uf[Yf'k cf_/Wca d'cgYfgž'g]a]Uf'ž'k]''dfYgYbh'Ĥ'Y'dYfZcfa UbW'cZcbY']Ĥ'a 'cf
a cj Ya Ybh'': YYXVUW_ 'k f]Ĥ'Yb'fYdcf'g

5XX]ĤcbU'XYĤU]g.

H\]g'k]''VY'U%'\$!a]bi Ĥ'Y'WĤ' fY!fYW]Ĥ' 'dfYgYbhU]cbž'Wca d]g]b['Dck YfDc]bh'cf'df]bh'X'bcĤ'gžj YfVU'
dfYgYbhU]cb'g]Ĥ' UĤ]b['Ĥ'Y'k cf_f'g' d'YfZcfa YX'k]Ĥ']b']g'\]gh'cf]WU'ž'W' Ĥ' fU'ž'a i g]WU'cf'UYgh'Ĥ'YĤ'W'cb'Ĥ'Ĥ' Ĥ'
UbX'Ĥ'Y'dYfZcfa UbW'cZĤ'Y'k cf_]gh'Y'Z'

Gi Va]gg]cb'bcĤ'g.]j Y'dfYgYbhU]cb

5ggYgga Ybh(. 'DfUW]WU'YI Ua]bUĤ]cb

GHUfhXUĤ. 'Bch5dd']WUV'Y

8YĤU]g. ': cf'dYfZcfa UbW'gh' XYbĤgž'YI Ua]bUĤ]cbg'k]''VY'i bXYfU_Yb']b'H' "'GĤ' XYbĤg'k]''dfYgYbhU
&\$!a]bi Ĥ' 'dfc[fUa a Yž']bW' X]b['U'gh' X'ž'YĤ' XY'cf'j cWU']gY'cZUddfcl]a UĤ'm) !a]bi Ĥ'gf'X' fUĤ]cbž'XYj]gYX
]b'bY[cĤ]UĤ]cb'k]Ĥ' Ĥ'Y]f'gdYWU']gh'Ĥ' Ĥ'fgž'Ĥ'g']Ĥ'Ĥ'Y]f'dYfgcbU']bĤ'fYghg'UbX'fU'Y'W'cf]Yg"'GĤ' XYbĤg
]XYbĤ]Z]b['Ug'U'nn'gdYWU']ghg'k]''dfYgYbh'Ĥ'W'X]WU'k cf_'Z'ca 'Ĥ'Y'U'nn'gm'U'Vi g'XYj]gYX'Z'cf'Ĥ']g
W'ci fgY''Ĥ'Y'YI Ua]bUĤ]cb'k]''U'gc']bW' XY'U'g'cfhg][\Ĥ'fYUX]b['Ĥ'gh'Z'cf'U'gh' XYbĤg''H\]g'k]''VY'Ĥ'Y'Z]bU'
UggYgga Ybh'Ug_'Z'cf'dYfZcfa Yfg": cf'Wca d'cg]Ĥ]cb'gh' XYbĤgž'd'cf'Ĥ'c']cg'k]''VY'gi Va]Ĥ'X']b'H' "'D'cf'Ĥ'c']cg
a Um]bW' XY'Ubmbi a VYf'cZk cf_gž'Vi Ĥ'Ĥ'Y'Ĥ'Ĥ'U'Xi fUĤ]cb'cZk cf_g'g'g'ci 'X'VY'%) 'a]bi Ĥ'g"'G'W'cfYg'g'ci 'X
VY'gi Va]Ĥ'X'Z'U'cb['k]Ĥ' fY'W'cf'X]b[g'cZU''k cf_g''H\]g'k]''VY'Ĥ'Y'Z]bU'UggYgga Ybh'Ug_'Z'cf
Wca d'cgYfg": YYXVUW_ 'K f]Ĥ'Yb'fYdcf'Ĥ'cb'dfUW]WU'YI Ua 'UbX'Wca d'cg]Ĥ]cb'd'cf'Ĥ'c']c"

F Ygci fWg

DfYgWf]VYX`F Ygci fWg`

%`9j YfmN]b[`]g`7 cbbYWX. H\Y`Dck Yf`cZA i g]Wm8 Ub]Y`6UfYbVc]a

&``A ch]cbz`9a ch]cbz`UbX`@cj Y. H\Y`B Uhi fY`cZ5fh]gh]WDYfZcfa UbW`Vm[H\ca Ug`7Ufgcb`A Uf`](#)

` ``@YhYfg`lc`U`Mci b[`DcYhVmF U]bYf`F]_Y

F YWca a YbXYX`F Ygci fWg

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[`hc`gi`Va`]hmc`i`f`Ugg][`ba`Ybh`h`fci`[`\`Hi`fb]hb`z`d`YUgY`
H`Y`d`l`cb`Y`9I`H`f`b`U`Gi`ddcfh`cb`-`,`)``%`cf`Ya`U]`h`Ya`cb`YI`H`f`b`U`H`f`gi`ddcfh`i`bgk`"YXi`"Ui`"Gi`ddcfh`
`l`ci`fg`UfY`,`.\$`\$Ua`-`%`\$.`\$`da`cb`k`YY`X`Umg`U`b`X`-`.`.\$`\$Ua`-`i`).`\$`da`cb`k`YY`Y`b`X`g`f`l`*)`X`Umg`U`m`Y`U`f`l`"Ʒmci`
UfY`i`b`U`V`Y`hc`gi`Va`]hmc`i`f`Ugg][`ba`Ybh`Xi`Y`hc`U`Z`U`h`k`]h`Hi`fb]hb`mc`i`a`Um`i`U`d`d`m`i`Z`f`U`b`YI`H`f`bg]cb`z`Vi`hmc`i`
a`i`gh`f`Y`h`U]b`mc`i`f`h`W`Y`h`bi`a`V`Y`f`Z`ca`9I`H`f`b`U`Gi`ddcfh`f`U`cb[`k`]h`U`b`m`c`h`Y`f`f`Y`j`U`b`h`X`c`W`a`Y`b`h`g`l`hc`
]b`W`i`X`Y`U`g`Y`j`]X`Y`b`W`hc`gi`ddcfh`mc`i`f`YI`H`f`bg]cb`U`d`d`]W`h`cb`"Ʒmci`Ya`U]`9I`H`f`b`U`Gi`ddcfh`mc`i`k`]`
Ui`hc`a`U`h`W`U`m`i`f`Y`W`]j`Y`U`h`W`Y`h`bi`a`V`Y`f`z`Vi`h`]Z`mci`H`Y`d`l`cb`Y`mc`i`k`]`b`Y`Y`X`hc`g`d`Y`W`Z`W`U`m`i`U`g`_`Z`f`cb`Y`
Hi`fb]hb`U`gc`d`fc`j`]X`Y`g`i`d`X`U`H`Y`g`i`cb`h`Y`j`f`g`m`g`h`Ya`g`h`U`h`g`i`cb`H`k`]h`Y`f`"

;`Y`b`Y`f`U`m`z`U`gg`Y`g`g`a`Y`b`h`U`g`_`g`a`i`gh`V`Y`gi`Va`]h`Y`X`Y`Y`W`f`cb]W`U`m`j`]U`Y`]h`Y`f`Hi`fb]hb`cf`U`A`cc`X`Y`
U`gg][`ba`Y`b`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`mc`i`f`W`ci`fg`Y`g`A`cc`X`Y`g`]h`k`]h`
U`h`f`b`U`h`j`Y`gi`Va`]gg]cb`X`Y`h`j`g`"

:`cf`]b`Z`c`fa`U`h]cb`cb`l`ck`hc`gi`Va`]h`U`gg][`ba`Y`b`h`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`U`gg][`ba`Y`b`h`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" `hWUb`hU`Y`a`Ubm`Z`fa`g`z`Z`ca`XY`]VYfUHY`WX`YU]b[`hc`UW]XYbhU`mW`dm]b[`Z`ca`U`gci`fW`k`]h`ci`hUW`bck`YX[`Ya`Ybh`

I`BGK`[`fci`dg`d`U[]Uf]ga`]b`hc`hY`Z`ck`]b[`W]HY`[`cf]Yg.

7`cdm]b[`i`g]b[`hY`gUa`Y`cf`j`Yfmg]a`]Uf`k`cfXg`hc`hY`cf][]bU`hY`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[`Yg`z`Uf`h`UbX`XYg][`b`dfc`YW]g`z`Ug`k`Y`U`g`dfYgYbhU]cbg`k`Y`fY`gca`YcbY`dfYgYbh]g`UbchYf`g`]XYUg`cf`k`cfXg`k`]h`ci`hW]YX]h`

hUddfcdf]UHY`dUfUd`fUg]b[`7`U`b[]b[`U`Z`k`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`]b`Z`fa`U]cb`k`]h`ci`hUW`bck`YX[`Ya`Ybh`H`]g`U`gc`Udd`Yg`]b`dfYgYbhU]cbg`k`Y`fY`gca`YcbY`dUfUd`fUgYg`UbchYf`g`]XYUg`cf`k`cfXg`k`]h`ci`hW]YX]h`UbX`hc`d]Y]b[`hc[`Y`h`Y`f`ei`chYg`UbX`dUfUd`fUgYg`]b`hc`U`bYk`k`Y`c`Y`z`k`]h`ci`hUddfcdf]UHY`fY`ZY`fY`bW]b["

7`c`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_"`7`c`i`g]cb`U`gc`]bW`i`XYg`dfcj`X]b[`mci`f`k`cf_]hc`UbchYf`gh`XYbhVY`Z`fY`hY`Xi`Y`XU]h`z`cf`Z`f`hY`di`fdcgY`cZ`hY`a`d`U[]Uf]g]b[`Uh`Ubm]h]a`Y`z`dUm]b[`UbchYf`dYfgcb`hc`dYfZ`fa`Ub`UW]XYa`]W]Ug`z`ghYU`]b[`cf`UW`ei`]f]b[`UbchYf`dYfgcb`g`UW]XYa`]Wk`cf_]UbX`W`dm]b[`]h`z`cZ]f]b[`hc`W`a`d`Y`h`UbchYf`dYfgcb`g`k`cf_]cf`gYY_]b[`dU`ma`Y`bh`Z`f`W`a`d`Y`h]b[`UW]XYa`]Wk`cf_"]

hUddfcdf]UHY`W]h]cb.`7`h]b[`gci`fW]g`k`]Wk`Uj`Y`bchVYYb`fYUX`z`k`]h`ci`hUW`bck`YX[]b[`hY`gY`W`bXUfm`gci`fW`Z`ca`k`]Wk`_bck`YX[`Y`cZ`hY`a`U`g`VYYb`cV]U]bYX"

8`i`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`Y`fY`]h`Ug`dfYj`]ci`g`m`VYYb`dfYdUfYX`cf`gi`Va`]hYX`Z`f`UbchYf`UggY`gga`Y`bhcf`W`i`fgY`Uh`I`BGK`cf`UbchYf`i`b]j`Yfg]m`

7`cffY`W`fY`ZY`fY`bW]b[`dUfUW]W]g.

- DUFUd`fUg]b[`z`gi`a`a`Uf]g]b[`z`YggUm`k`f]h]b[`UbX`h]a`Y`a`UbU[`Ya`Ybh`

5 WUXYa]WbZcfa Uhcb`

: cf`YggYbh]U`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 B GK `<YU`h`UbX`GUZY`midc`]WYg/
- YI Ua]bUh]cb`dfcVWXi fYg/
- gdYW]U`Vc]bg]XYfUh]cb`]b`hY`Yj Ybhcz]`bYgg`cf`a]gUXj Ybh fY/
- ghi XYbhYei]hmUbX`X]gUV`]`]m/
- UbX`chYf`YggYbh]U`UWUXYa]W]bZcfa Uh]cbz`gYY

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

⇒ U[Y`7 fYX]h

Gc`c`DYfZcfa UbW`A U_]b[`&\$%-

7F ⇒ CG

7F ⇒ CG`Dfcj]XYf`7cXY.`\$\$\$- ;