



MUSC4101

7 f]h]WU` ` b] Ygh] [Uh]cb`]b`A i g]W

HYfa `C.bY` `#`&\$&\$

GWXcc`cZHAY`5ftg`UbX`A YX]U` `#`I BGK ` `5ftg`UbX`GcWJU` `GWYbWg



7 ci fgY`Cj Yfj]Yk

`GHUZZ7cbhUWhi8YHJ`g`

`7cbj Ybcfg`

B Ua Y	9a Uj`	5j Uj`UVj]m	@cWjhcb	D\cbY
A]WUY`<ccdYf	a "\ccdYf4 i bgk "YXi "Ui	6mUddc]bha Ybh fYa Uj`a Yt		

7 ci fgY'8YHJ]`g

7 fYX]hDc]bHg '*`

Gi a a UfmcZ\hY'7 ci fgY

Gi VYWh5fYU.'? ge[U

H\Y'Wci fgY'Wca d'YHg'hY'dfc[fUa 'cV'YW]j Yg/]hYbUV'Yg'mci 'hc'XYa cbgfhUH'nci f'a UghYfmcZ\hY X]gW]d`bY!gdYW]Z]W_bck`YX[Y'hUhmci '\Uj Y'XYj Y`cdYX'hfci [\ci h'hY'XY[fYY"'#h'Y'Wci fgY'mci 'k]` XYVUH'UbX'X]gW gg'g][b]Z]W]bhdV'Ya g']b'hY'Z]Y'Xzk]h'Uf[i a YbHg'VUgYX'cb'_YmUfh]WYg'g'g'W'fYg'UbX fYW'fX]b[g"'#h'g'k Um]hdV'c]XYg'U'Z'f' a 'Z'f'nci 'hc']b] Ygh[UH'UgdYW]g'cZa i g]W'hU'hZ'fa 'W ffYbh gW'c'U'f'mX]gU[fYYa YbHg"'Mci 'k]`'U'gc [U]b]b!XYd'h'ZJa]]Uf]m]k]h'U'j Uf]YfmcZUddfcUW'Yg'hc'a i g]W]b]hg]b'hY'fX]gW]d`bUf'm'W'bh'f' h'

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

% 5fh]W`UH'XYW]g]cbg'UVci hgY'YW]b['U'gdYW]Z]WUddfcUW'hc'f][cfc] g'm]bj Ygh[UH'U' []j Yb'a i g]W] d'fcV'Ya 'dfYgYbh]b'h'Y'X]gW]d`bY"
&" 8Ya cbgfhUH'U'W]h]W]'i bXYfghU]bX]b['cZW ffYbha i g]W'c[]W'XYVUH'g'UVci ha i g]W
' " 7cbf]Vi h'hc'XYVUH'VmX]g]b['h'Y'W'i W]U']bZ'fa U]cb'Z'ca 'X]j Yf[Ybh]XYUg']b'di V']g\YX'k cf_ž]bWi X]b[ž'dYfZ'fa UbW'g'ž'fYgYUfW'ž'fYW'fX]b[g'ž'UbX'g'W'fYg"

HYUW]b['GhfUH[]Yg'

9UW'YWh fY'k]`]bfcXi W'U'hd]W'5h'YUgh'k c'X]ZYfYbhUf[i a YbHg'k]`VY'dfYgYbh'X'ž'dfcV'Ya U]g]b['U W'cbW'dh'ž]XYUž'd\]cgcd\mž'cf'a Y'h'cX"'H\Y'YWh fY'k]`]b'h'g'k Um]bfcXi W'YUW'k YY_ř]fYUX]b[ž'UbX cdYb'i d'dcgg]V]]hYg'Z'f'X]gW gg]cb'UbX'XYVUH']b'h'Y'gYa]bUf"

#YUW'gYa]bUf'g]i XYbHg'k]`XYVUH'UbX'X]gW gg'h'Y]XYUg'dfYgYbh'X]b'h'Y'YWh fY'ž'k]h'fYZ'fYbW'hc h'Y]f'fYUX]b["

5ggYgga Ybh

5ggYgga YbhHUg_g`

5ggYgga YbhHUg_	K Y][\h	8i Y'8UH	Gh XYbh@YUfb]b[Ci hWta Yg'5ggYggYX
7 f]h]ei Y`	(\$i	\$+#\$' #&\$&\$' \$) . \$\$' DA	&Z
Dfc YW	* \$i	&) #\$(#&\$&\$' \$- . \$\$' DA	%z&

5ggYgga Ybh8YHU]`g

5ggYgga Ybh%`7 f]h]ei Y

GHUfhXUH.`

8YHU]`g. Gh XYb]k]`gi Va]hU'g\cfhd]YW'cZk f]h]b[`fl d'lc`%) \$\$'k cfXgE]b'k \]WX'hYmgi W]b]W]m]W]h]ei Y
Ub'Uf[i a Ybh]gc`UH'X'Zfca`h'Y'Wci fgY'g'h'i hg" Gh XYb]k]`fYW]j] Y'k f]h]b'ZYXVUW`UbX'a Uf_"

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

GYY'A ccXY`Zcf`XYHU]g

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

5ggYgga Ybh&. Dfc YW

GHUfhXUH.`

8YHU]`g. Gh XYb]k]`XYj Y'cd`U'hd]W]b'fY`Uh]cb'lc`h'Y`WcgYb'XY[fY'gdYW]U`nUh]cb"" \$\$

F Ygci fWg

DfYgW]VYX`F Ygci fWg`

GYY`A ccXY

F YWca a YbXYX`F Ygci fWg

GYY`A ccXY

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

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`UHYa` dh]b[`hc`gi Va`]hrci`f`Ugg][`ba`Ybhtkfc`i`[`\`Hi`fb]hb`z`d`YUgY`
HY`Yd`cbY`9I`HYfbU`Gi`ddcfhcb`-`,`),`"``'``%cf`Ya`U]`hYa`cb`YI`HYfbU`HY`hgi`ddcfh4`i`bgk`"YXi`"Ui`"Gi`ddcfh`
`ci`fg`UfY`,`.\$\$Ua`-`-%\$.\$\$da`cb`k`YY`XUmg`UbX`-`.\$\$Ua`-`i`.\$\$da`cb`k`YY`YbXg`fI`*)`XUmg`U`mY`UfL`"Ʒmci`
UfY`i`bUV`Y`hc`gi Va`]hrci`f`Ugg][`ba`YbhiXi`Y`hc`U`ZUi`hik`]h`Hi`fb]hb`mci`a`UmUdd`miZc`f`Ub`YI`HYbg]cb`z`Vi`hrci`
a`i`ghfYhU]b`mci`f`h]W`Yhbi`a`VYf`Zca`9I`HYfbU`Gi`ddcfhU`cb[`k`]h`Ubmc`h`Yf`fY`Yj`UbhXcW`a`Ybhtk`hc`
]bWi`XY`Ug`Yj`]XYbW`hc`gi`ddcfhrci`f`YI`HYbg]cb`Udd`]W]hcb`"Ʒmci`Ya`U]`9I`HYfbU`Gi`ddcfhrci`k`]`
Ui`hca`Uh]W]`mi`fY`W]j`Y`U`h]W`Yhbi`a`VYf`z`Vi`h]Zmci`HY`Yd`cbY`mci`k`]`b`YYX`hc`gdY`W]W]`mi`Ug`_`Zc`f`cbY`"
Hi`fb]hb`U`gc`dfcj`]XYgi`dXUH`Yg`cb`h`Y]f`gmgh`Ya`ghU`h`g`cb`Hk`]HYf`"

;`YbYfU`m`z`UggYgga`YbhHUg_g`a`i`ghVY`gi`Va`]hYX`Y`YWfcb]W]`mj`]U`Y]h`Yf`Hi`fb]hb`cf`U`A`ccX`Y`
Ugg][`ba`Ybht`b`]bg`h`Ub`W`g`k` \YfY`h`.]g`]g`bchidcgg]V`YZ`]hk`]`VY`g`h`U`h`X`cb`mci`f`Wci`fgY`g`A`ccX`Y`g`]h`k`]h`
U`HYfbU]j`Y`gi`Va`]gg]cb`XYhU]`g`"

:`cf`]bZcfa`U]cb`cb`\ck`hc`gi Va`]hUgg][`ba`Ybht`cb`]bY`j`]U`A`ccX`Y`. \hhdg`#gh`XYbht`i`bgk`"YXi`"Ui`#ack`!
gi Va`]hUgg][`ba`Ybht`a`ccX`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'WXUhb]b['hc'UWVXYbhU`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 hWYX]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 hWYX]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'XYbhVYZ'fY'hY'Xi Y'XUHYžcf'Zcf'hY'di fdcgY'cZhYa d`U[]Uf]g]b['UhUbm]h]a Yž'dUm]b['UbchYf'dYfgcb'hc'dYfZcfa 'Ub'UWUXYa]WUg_žghU']b['cf'UWči]f]b[UbchYf'dYfgcb'g'UWUXYa]Wk cf_'UbX'Wčdm]b[]h'čZf]b['hc'Wča d'Yh'UbchYf'dYfgcb'g'k cf_'cf'gYY_]b[dUma YbhZcf'Wča d'Yh]b['UWUXYa]Wk cf_"

#Uddfcdf]UHY'W]h]cb.'7]h]b['gci fW'g'k \]W\Uj Y'bhVYYb'fYUXžk]h'ci hUW_bck 'YX[]b['hY'gYWčbXUfm' gci fW'Zca 'k \]W'_bck 'YX[Y'cZhYa '\Ug'VYYb'cVh]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'dUfřk \YfY']h\Ug'dfYj]ci g'm VYYb'dfYdUfYX'cf'gi Va]hYX'Zcf'UbchYf'UggYgga Ybhcf'Wči fgY'Uhi BGK 'cf'UbchYf'i b]j Yfg]m'

7cffYW'fYZfYbW]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

- i bXYfgHUbX'mci f'f][\hg'UbX'fYgdcbg]V]]hYg'Ug'U'gh XYbhUhl BGK
- VY'Uk UfY'cZd'U[]Uf]ga ž'Wcdmf][\hž' BGK 'Gh XYbh7cXY'cZ7cbXi WñUbX'5WwdfUV'Y'I gY'cZ
I BGK '⇒H'F Ygci fW'g'Dc`]Wñ

5 WUXYa]WbZcfa Uhcb`

: cfYggYbhU`ghi XYbh]bZcfa Uhcb`fY`Uh]b[`rc.

- fYei YghZcfYI hYbg]cb/