

BIOM9020

A UghYfg'Dfc YWifk U`ZH]a Ył

HYfa " Z&\$&%



7ci fgY'8YHJ`g

I b]hg'cZ7 fYX]h*`

Gi a a UfmicZ\hY'7ci fgY

D`YUgY'bcHf. `WbX]XUH'g'a i ghVcbUWWh\hY'GVXcc`Zcf`VcbgYbhfc`Ybfc`"6-€A - \$&\$`]g'cb`mUj U]UVY'hc
\[\ `UWX]y]]b[`ghi XYbhtg`k]h`df]cf`k f]hYb`gWXcc`Uddfcj U"

6-€A - \$&\$`]g'hY`Zfgh\U`ZcZ\hY`%&`I C 7`fYgYUfW`dfc`YVW`6-€A - \$&%]g'hY`gYVcbX`\U`Z
9bfc`a Ybh]b`hYgY`Vci fgYg`U`ck g`U`gh XYbhfc`i bXYfU_Y`hY`Yei]j U`YbhcZ6-€A --`%
A Ughf`fg`Dfc`YVh`c`Yf`k c`gYgg]cbg`UbX`U`ck g[fUXYX`fYgi`hg"

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

%` 8Yj Y`cd`U`XYg][b`cf`U`dfc`W`gg`cf`]bj Ygh[UH`U`\mdchYg]g`Zc`ck]b[`]bXi ghfmUbX`dfc`Z`gg]cbU`
Yb[]bYYf]b[`ghUbXUfXg"
&` 7f]h]W`m`fYZYWhcb`U`gdYW]U`]ghVcXmicZ`_bck`YX[Y`fY`UH`X`hc`hY]f`hYg]g`hcd]W
'` " 5dd`mgW]Ybh]Z]WUbX`Yb[]bYYf]b[`a`Yh`cXg`hc`gc] Y`Ub`Yb[]bYYf]b[`dfcV`Ya` "
(` " 5bU`mgY`XUH`cV`YWh] Y`mi g]b[`ei`Ub]h]h] Y`UbX`a`UH`Ya`Uh]W`a`Yh`cXg`"
)` " 8Ya`cbghfUH`cfU`UbX`k`f]hYb`Vca`a`i`b]W]h]cb`]b`dfc`Z`gg]cbU`UbX`UmXca`U]bg`"
*` " Hc`gc] Y`V]ca`YX]W`dfcV`Ya`g`VmUdd`m]b[`%d)`"

HYUWX]b[`GhfUH[]Yg`

D`YUgY`fYZf`hc`hY`]bZcfa`Uh]cb`]b`A`ccX`Y

5XX]h]cbU`7ci fgY`bZcfa`Uh]cb

H\YfY`]g`bc`cZ]W]U`WUgg`hja`Y`Zcf`h]g`Vci fgY`"Mci`a`i`ghgh`Ybgi`fY`mci`f`Ybfc`a`YbhUbX`fY[]ghfUh]cb`]g
i`d`hc`XUH`]b`mci`f`Ybfc`a`Ybh`Mci`f`Z]W]!hc`!Z]W]`hja`Y`bYYXg`hc`VY`cf[Ub]gYX`k`]h`mci`f`gi`dYfj`]gcfZ`Ug`mci
UfY`YI`dYW]X`hc`a`YYh`h`Ya`Uh`YUghcbW`dYf`k`YY`_"

5ggYgga Ybh

H\YfY'UFY'fk c'UggYgga YbhiUg_g'UWfcgg'6€A - \$&\$'UbX'6€A - \$&%"

⊖'6€A - \$&\$žmci 'a i ghWca d'YH'Ub'jbHfja 'fYdcfh'

⊖'6€A - \$&žmci 'a i ghWca d'YH'U'gWYbh]Z'Wa Ubi gW]dhff) \$\$\$'k cfXgl'

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%'Dfc'YWh	&\$i	A cbXUmk YY_'%%Uh%%) - da	%ž'&ž' ž'(ž) ž*

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8i Y'XUH. 'A cbXUmk YY_'%%Uh%%) - 'da

*"%"A D% '⊖Hfja 'fYdcfh

%'F Yj]Yk]b['hY'k cf_'cZchYfg'f) \$i Ł

&"'5fh]W `U]b['U'fYgYUfVX 'ei Ygh]cb'UbX'U'd'Ub'f&\$i Ł

' "'Dfc'YWh8 YdYbXYbhDfYdUfU]cbg'f&\$i Ł

("'8cW a YbhdfYgYbhU]cb'f&\$i Ł

.

: i ``UggYgga YbhXYHJ]'g'Uj U]UV'Y'jb'A]WfcgcZiHYUa g"

5 hYbXUbW F Ye i]fYa YbHg

Gh XYbHg UFY gfc b [mYbWci fU [YX'fc 'UthYbX'U''WUggYg UbX'fYj]Yk ''YWhi fY'fYWcfX]b [g"

7 ci fgY'GWXYXi `Y

[J \]Yk 'WUgg'ha YhUV`Y](#)

H]a YhUV`Y`

8UHr	HmdY	7 cbhYbh
Gh XmiK YY_ ' &\$ Bcj Ya VYf! ' &) Bcj Ya VYf	5ggYgga Ybh	

F Ygci fWg

DfYgWf]VYX`F Ygci fWg`

F Ygci fWg`k]`VY`a UXY`Uj U]UV`Y`tc`\\Y`d`ghi XYbhtg] i]XY`h`Ya`]b`h`Y]f`ci fbYmZcf`H\Yg]g`5"

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Mci`Wb`Udd`mZcf`gdYWU`Wcbg]XYFUHcb`k`\\Yb`]`bYgg`cf`ch`Yf`WfW`a`g`U`b`W`g`]b`h`f`Z`Y`f`k`]h`mci`f`UggYgga`YbhdYfZcfa`UbW`"

C`h`Y`f`Udd`]W]h]cbg`Zcf`YI`hYbg]cb`cZgi`Va`]gg]cb`cZ`h`Yg]g`fYdcfhtg`fY`["`"Yei`]da`YbhVfYU`Xck`bZ`Y`h`W`L`

%`8`]gW`gg`h`Y`dcgg]V`]hmicZUb`YI`hYbg]cb`k`]h`mci`f`gi`dYfj`]gcf`Z]fgh`
&`"F`Yei`Ygh`W]b`h`Yb`VY`cX[`YX`Vm`h`Y`ghi`XYbh`\\Y`f`Y`\\h`d`#`h]bmi`f`"Wca`#`m&`h`dnj`"``H`\\Y`gi`dYfj`]gcf`k`]`h`Yb`f`Y`W`]j`Y`Ub`Ya`U`]`Ug_]b[`h`Ya`tc`Uddfc]`Yz`VY`Zc`f`Y`]h]g`YgWU`UH`X`tc`h`Y`XYW]g]cb`d`Ub`Y`"
'`"F`Yei`Ygha`i`ghVY`cX[`YX`Vm`K`YY`_`*`cZ`h`fa`"
(`"D`Ub`Y`XYW]g]cb`k`]`VY`a`U`XY`Vm`Yb`X`c`Z`k`YY`_`+`"
)`"H`\\Y`XYW]g]cb`k`]`VY`a`U`XY`Vm`U`d`Ub`Y`-`Wcbg]gh]b[`cZ`h`Y`<`c`G`f`b`f`h`Y]f`bca`]b`YY`L`Z`H`\\Yg]g`7`ccfX]b`U`h`f`z`Ub`X`%`c`h`Y`f`d`Y`fg`cb`"
*`"G`h`XYbhtg`g`\\ci`X`VY`U`Y`f`h`X`tc`h`Y`Z`U`W`h`h`U`h`h`]g`]g`b`ch[`i`U`f`U`b`h`Y`X`Z`Ub`X`h`i`g`g`\\ci`X`b`ch`f`Y`m`cb`[`Y`h]b[`Ub`YI`hYbg]cb`"
+`"H`m`d]WU`n`Z`YI`hYbg]cbg`U`f`Y`[`f`U`b`h`X`I`D`H`C`" `k`YY`g`"H`\\Y`Yb[`h`cZ`h`Y`YI`hYbg]cb`b`Y`Y`X`g`tc`V`Y`f`Yei`Y`gh`X`Ub`X`^`gh]Z`YX`Vm`h`Y`gi`dYfj`]gcf`"D`Ub`Y`k`]`XYW]XY`h`Y`Yb[`h`cZ`h`a`Y`[`f`U`b`h`X`"
" `

DfcW`Xi`fY`]Z`mci`ZU]`H`\\Yg]g`5`Z`6`c`f`7

:`U`]b`H`\\Yg]g`5`f]b`h`f]a`f`Y`d`c`f`h`a`U`f`_`" `a`i`gh`f`Y!`Y`b`f`c`"]b`H`\\Yg]g`5`U[`U]b`"

:`U`]b`H`\\Yg]g`6`f`g`Ya`]b`U`f`a`U`f`_`" `a`i`gh`f`Y!`Y`b`f`c`"]b`H`\\Yg]g`6`U[`U]b`

:`U`]b`H`\\Yg]g`7`" `G`h`XYbhtg`\\Uj`Y`h`f`Y`c`d`h]cbg`"

%`f`Y!`Y`b`f`c`Zc`f`H`\\Yg]g`5`Z`6`Ub`X`7`U[`U]b`Z`b`Y`k`d`f`c`Y`W`h`U`b`X`gi`d`Y`f`j`]g`c`f`
&`f`Y!`Y`b`f`c`Zc`f`H`\\Yg]g`7`U[`U]b`Z`g`U`a`Y`d`f`c`Y`W`h`!`b`Y`Y`X`g`Wcbg`Y`b`h`c`Z`U`b`U`d`d`f`c`d`f]U`h`Y`gi`d`Y`f`j`]g`c`f`/`g`h`i`X`Y`b`h`
'`"G`h`XYb`h`X`c`Y`g`Z`f`h`Y`f`k`c`f`_`Z`f`Y!`gi`Va`]h`g`h`\\Yg]g`U`Z`h`f`U`a`U`I`c`Z`*`k`YY`g`" `C`o`u`r`S`e`l`f`_`W`U`d`d`Y`X`U`h`)\$`i`" `Z`g`h]`b`c`h`g`U`h]g`Z`U`W`c`f`m`Z`h`Y`b`b`Y`Y`X`g`tc`f`Y!`Y`b`f`c`"

H`\\g`"U`gh`c`d`h]cb`]g`c`b`m`Uj`U]UV`Y`]Z`h`Y`c`f][`]b`U`a`U`f`_`k`U`g`(``\$`Z`C`F`]Z`h`Y`g`h`i`X`Y`b`h]g`]b`h`Y]f`"U`gh`g`Ya`Y`gh`f`V`Y`Zc`f`Y`[`f`U`X`i`U`h]cb`f`f`Y`[`U`f`X`Y`gg`c`Z`h`Y`c`f][`]b`U`a`U`f`_`L`"

K Y'YbWēi fU[Y'ghi XYbhg'hc'gYY_'dUfbYfg\]dg'k]h']bXi ghfmžgc'ghi XYbhg'WUb'Uj Y'U'Wē!gi dYfj]gcf Zfca']bXi ghfm' <ck Yj Yfž]ZVēbZ]XYbh]U']m]g'fYei]fYXžU'WēbZ]XYbh]U'X]gWcgi fY'U[fYYa Ybhf7 85ē]g'cV'] [Uhc'fm' 'H\Y'U[fYYa Ybhk]' 'dfchYWh'hY']bh' 'YWi U' 'dfcdYfmf] [\hg'cZ'hY']bXi ghfmidUfbYfž I BGK 'UbX'hY'ghi XYbh'Ghi XYbhg'cf'UWUXYa]Wg'UFY' bchUi h'cf]gYX'hc'g] [b'WēbZ]XYbh]U'X]gWcgi fY U[fYYa Ybhg'cb'VY\U'ZcZI BGK 'UbX'UFY'UXj]gYX'hc'U' 'hc'hY'Wēi fgY'WēcfX]bUhc'f'UbX'I BGK 'Y[U' cZ]W'hc'Uffub[Y'Zcf'XfUZh]b['UbX'g] [b]b['cZ'hY'WēbZ]XYbh]U'X]gWcgi fY'cf'fYgYUfW'U[fYYa Ybh'

[@UHY'dfcWYXi fY](#)

ē'U' 'WUgYgžUdd']WU]cbg'Zcf' 'UHY'gi Va]gg]cb'WUb'VY'Udd']YX'Zcf'69: CF 9'hY'Xi Y'XUHY''H\]g']g'Uh h'Y'X]gWYh]cb'cZ'hY'hYg]g'WēcfX]bUhc'f'Vi hg'ci 'X'cb'mVY' [fUbhYX']b'YI Wdh]cbU' WfW' a ghUbW'g''5g'dYf'bcfa U'žghi XYbhg'WUb'U'gc'Udd'mh'fci [\ 'a ml BGK 'Zcf'gdYW]U' Wēbg]XYfUh]cb''

: cf'H\Yg]g'5ž6'cf'7ž') 'a Uf_g'k]' 'VY'XYXi WYX'cZ'hY' **the size** fY YfmXUm'UHY''DYbU'miUdd']Yg i bh]'hY'a Uf_g'Zcf'hY' **course** WYUgY'hc') \$žUbX'Z' fhYf'UHYbYgg'XcYg'bchfYgi 'h]b'ZU]'i fY'cZ'hY' **course** hā] [\hVY'U'ZU]'i fY'cZ'hY'hYg]g'fk YY_YbXg'Wēi bhUg'XUmg'ē''

[5XX\]h\]cbU'gi ddcfh'Zcf'ghi XYbhg'](#)

- H\Y'7i ffYbhGhi XYbhg'; UHYk Um' [\hdg.#gh XYbh'i bgk "YXi "Ui #](#)
- 5WUXYa]WG_]`g'UbX'Gi ddcfh' [\hdg.#gh XYbh'i bgk "YXi "Ui #UWUXYa \]Wg_\]`g](#)
- **Student Wellbeing, Health and Safety** [\hdg.#gh XYbh'i bgk "YXi "Ui #Y'VY\]b\[](#)
- 8]gUV]]mGi ddcfhGYfj]W'g. [\hdg.#gh XYbh'i bgk "YXi "Ui #\]gUV\] \]mgyfj \]W'g](#)
- I BGK 'H'GYfj]W'7YbhfY. [\hdg.#k k \]'h'i bgk "YXi "Ui #gh XYbhg#bXYI "\hā`](#)

FYWē a a YbXYX'F Ygci fW'g

BchUj U]UV`Y

Gi Va]gg]cb`cZ5ggYgga YbhHUg_g

@UVcfUhcfmfYdcfhg`UbX`a U`cf`Ugg][ba Ybhg`k]`fYei]fY`U`[Bcb`D`U\[\]Uf\]ga`8YWUfU\]cb`7cj`Yf`G`YYH`](#)

@UH`gi Va]gg]cbg`k]`VY`dYbU`]gYX`%\$i`cZ`h`Y`a Uf`Zcf`YUWX`W]`YbXUf`XUm`UH`"Z`mci`ZcfYgYY`U`dfcV`Ya
]b`a`YYH]b[`h`Y`bca`]bUH`X`gi Va]gg]cb`XUH`d`YUgY`W`b`h`U`W`h`h`Y`7`ci`fgY`7`cbj`Ybcf`h`a`U`_`Y`Ub`Uddc]b`h`a`Ybh
h`c`X]gW`gg`mci`f`g]h`U]cb`Ug`gccb`Ug`dcgg]V`Y"

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

D@5; =F =GA

6Yk UFY`5b`Ugg][ba YbhUUh]bWl XYg`d`U[]Uf]gYX`a UHf]U`k]`fYW]j Y`U`\$i : U]žUbX`gh XYbhtg`k \c
d`U[]Uf]gY`a UmZ]`hY`Wci fgY`Gh XYbhtg`k \c`d`U[]Uf]gY`k]`Uj Y`hY]f`bUa Yg`YbHYfYX`cb`U`d`U[]Uf]ga
fY[]ghf`UbX`k]`VY`]UV`Y`hc`X]gW]d`]bUfmiUW]cbž]bWl X]b[`Yl Wl g]cb`Zca `Ybfc`a`Ybh`
#]g`Yl dYWYX`hUUhU`gh XYbhtg`a i ghUUhU`h]a Yg`gi Va]hY]f`ck`b`k`cf`_`Zcf`UggYgga Ybh`Gi Va]h]b[`hY
k`cf`_`cf`]XYUg`cZgca YcbY`Y`gY`k]h]ci hWYUfmiUW_bck`YX[]b[`hY`gci fW`cZVcffck`YX`a UHf]U`cf`]XYUg`g
d`U[]Uf]ga "

5`UggYgga Ybhtg`k \]Wl`mci `UbX`]b`a i gh`Uj Y`U`[B`cb`D`U\[\]Uf\]ga`8YWUfU\]cb`7cj`Yf`G`YYH`H\\]g`\]g`Zcf`
Vch`\]bX\]j`\]Xi`U`UbX`\[fci`d`k`cf`_`5HUVW`\]h\]c`mci`f`Ugg\]\[ba YbhVYZcfY`gi Va \]h\]b\[`\]h\]c`hY`7`ci`fgY`
7`ccfX\]bUhc`f`cf`Uh\]hY`GVX`cc`C`Z\]W"](#)

D`U[]Uf]ga `]g`hY`i`gY`cZUbchYf`dYfgcb`g`k`cf`_`cf`]XYUg`Ug`]ZhYmik`YfY`mci`f`ck`b`K` \Yb`]h]g`bYW]ggUfmicf`
XYg]fUV`Y`hc`i`gY`chYf`dYcd`Y`g`a`UHf]U`mci`g`ci`X`UXYeI`UH`mUW_bck`YX[Y`k` \cgY`k`cfXg`cf`]XYUg`hYm`
UfY`UbX`k` \YfY`mci`Zci`bX`hY`a`f`]j`]b[`hY`Wca`d`YH`fYZYfYbW`XYH]`gž]bWl X]b[`dU[Y`bi`a`VYffg]H`hY`
@YUfb]b[`7`YbHY`dfcj`]XYg`Z`fH`Yf`]bZcfa`U]cb`cb`k` \UhWcbgh]h`hYg`D`U[]Uf]ga `Uh`
`h]dg`#]gh`XYbhi`bgk`"YXi`"Ui`#]U[]Uf]ga

5WUXYa]W=Zcfa Uh]cb

7CI FG9'9J5@! 5H€B'5B8'89J9@CDA 9BH