



ARTS3132

6 g ! 'H hc .H† hf !

H a 'H '# '&\$&%

bX J ..# 'I BGK] b/ V]

GWccX

7 ci fgY`Cj Yfj]Yk

GhJZZ`7cbhJW`8YhJ`g

7cbj Ybcfg

B Ua Y	9a Uj`	5j Uj`UVj`]m	@cWjhcb	D\cbY
GWcc`C ZjW	gUa 4 i bgk "YXi "Ui	D`YUgY`Ya Uj`Zcf`Ub Uddc]bha Ybh		

GWcc`7cbhJW`bZcfa Uh]cb

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

Fcca`" %&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`5frg`UbX`A YX]U`k ci `X`]_Y`hc`F YgdYWwz`m5W_bck`YX[Y`hY`HfUX]h]cbU`7 i ghcX]Ubgž`hY`6YXY[U`fP`Ybg]b[hcb`WJa di gŁž; UX][U`f7]mUbX`5fv`8Yg][b`7 Ua di gYgŁ`UbX`hY`B [i bbUk U`dYcd`Y`f5i ghfU]Ub`8YZYbVW: cfW`5WUXYa m]b`7 UbVYffUŁ`cZhY`UbXg`k \YFY`YUWX`WJa di g`cZI`BGK`]g`cWJhYX"

7ci fgY'8YHJ]`g

7fYX]h'Dc]bHg '*`

Gi a a UfmcZ'h\Y'7ci fgY

<ck `Xc`Ufh]ghg`hY`hfi Y`ghcf]Yg`cb`ghU[Y3`K `UhUfY`h\Y`dfcgdYWg`UbX`WU`Yb[Yg`cZa U_]b[`dYfZcfa UbW

5ggYgga Ybh

5ggYgga Ybh&. ; fci d'DfYgYbHh]cb

8YHJ]g.

H\]g'UggYgga YbhUg_g'mci 'hc'k cf_]b'ga U''[fci dg]b'cfXYf'hc'dfYgYbhU'W'' \$!a]bi hY'Wf]hWU'UbX#cf
WfYUhj Y'fYgdcbgY'hc'gYh'cd]Wg'cb'a UHf]U'h.UhYI hYbXg'Ve'i fgY'Ve'bH'bh'Mci 'k]''fYVW]j Y'U'[fci d'a Uf_
Zcf'hY'dfYgYbHh]cb'fk cfl'%) i 'cZVei fgY'UggYgga Ybte'UbX'Ub]bXj]Xi U'a Uf_Zcf'mci f'ck b'Ve'bhf]Vi h]cb
hc'hY'dfYgYbHh]cb'fk cfl'%) i 'cZVei fgY'UggYgga Ybte

5XX]h]cbU'XYHJ]g.

: i fl\Yf']bZcfa U]cb']bWi X]b['UggYgga YbhWf]hYf]Uz'gi Va]gg]cb']bgf]i W]cbg'UbX'fU]cbU'Y'UfY'dfcj]XYX'cb
A ccXY"

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

5ggYgga Ybh' . A U'cf'F YgYUfW\ 'Dfc'YVh'f'ggUmc'f'7 fYUhj Y'K cf_£

8YHJ]g.

: cf'hY'A U'cf'F YgYUfW\ 'Dfc'YVh'mci 'a i ghgi Va]hcbY'cZ'hY'Zc'ck]b[. f'£'5'gY'ZXYj]gYX'YggUmif&ž) \$\$
k cfXg£'C.F. f'£'5'd'UmgWf]dhc'f'ch'Yf'd]YVW'cZk f]h]b['Zcf'dYfZcfa UbW'f'£'ž) \$\$'k cfXg£"

: YYXVUW_j]U'@A G

5XX]h]cbU'XYHJ]g.

: i fl\Yf']bZcfa U]cb']bWi X]b['UggYgga YbhWf]hYf]Uz'gi Va]gg]cb']bgf]i W]cbg'UbX'fU]cbU'Y'UfY'dfcj]XYX'cb
A ccXY"

5 HbXUbW F Yei JfYa Ybhg

5 HbXUbW cZgYa JbUfg Jg'a UbXUc fm]b'h Jg'Wci fgY"l bYl W gYX UVgYbWw Zfca 'a cFY h'Ub'&\$'dYfWbhk J' fYgi 'h]b'h Y'Uk UfX'U': U] [fUXY"

h'gYa JbUfgz mci 'k J'UWj Y'mYb[U[Y'k]h'WcFY'Wci fgY'Wc bh'bh'Uhk J'YbUV'Y mci 'hc'XYa cbgfUfY UfU]ba Ybh'cZ h'Y'Wci fgY'YUfb]b['ci h'Wca Yg.

- % =>Ybh]ZmUbX'Wc bh'l h' U]gY'U'VfcUX'fUb[Y'cZ h'YUfYg'cZ h'Y'fYU'UbX'h'Y]f'X]gh]bWj Y'Uf]gh]W ghfUfY [JYg/
- &" 7 f]h]WU'mUggYgg'h'Y'Y'h]Wg'cZa U_]b['UbX'k UhW]b['h'YUfY'h'UhghU[Yg'fYU'cf'f'f' Y'Y] Ybhgž j c]Wgž UbX'dYcd'Y/
- ' " 9j U'i Uh' \ck 'h'YUfYg'cZ h'Y'fYU'fYZYWh'UbX'g\UdY'dYfgcbU'UbX'dc']h]WU'fYU']h]Yg/
- (" 7 cbf]Vi h']b'U'h'ci [\h']'UbX'gcW]U'mUk UfY'a UbbYf'hc'gh' XYbh'YX' [fci d'fYgYUfW'UbX dfYgYbUf]cb'k'cf_/
-)" 7 cbW]j Y'UbX'Yi YW h'U'gY'ZXYj JgYX'fYgYUfW' d'fc'YWh'h'UhW'a]bUfYg]b'Ub'YggUm'c'f'd]YWw'cZ WfYU]j Y'k f]h]b["

7 ci fgY GWX YXi `Y

[J Jk WUgg'ha YfUVY](#)

H]a YfUV'Y'

8 UhY	HmdY	7 cbhYbh
K YY_%' '%A Um!' (>i bY	GYa JbUf	F YU'9h JWg.'7 cbgYbhž'7 cbgi 'hU]cbž Dufh]WdU]cb
K YY_&.'+'>i bY!'%%>i bY	GYa JbUf	F YU'DYcd'Y'UbX'9ZYWg.'H'Y'K cf_'cZF]a]b] Dfch_c''
K YY_'.'%>i bY!'%>i bY	GYa JbUf	F YU'GY'j Yg.'5i hcV]c[fUd\JWU'H'YUfY
K YY_('.&%>i bY!'&)>i bY	GYa JbUf	F YU'Jc]Wg.'B Uh'fU]ga 'UbX'J YfVU]a 'H'YUfY
K YY_).'&,'>i bY!'& '>i 'm	GYa JbUf	F YU'Hf]U'g.'Hf]Vi bU' H'YUfY
	5ggYgga Ybh	F YgYUfW' Dfc'YWh'DfcdcgU'Xi Y
K YY_*.') '>i 'm!'-'>i 'm	GYa JbUf	: @9L'K 99?
K YY_+. '%>i 'm!'%'>i 'm	GYa JbUf	F YU'D'UWg.'G]h]!GdYW]Z]WDYfZcfa UbW
K YY_.' '%>i 'm!'&'>i 'm	GYa JbUf	F YU'F YgYUfW.' F YgYUfW'7 cbgi 'hU]cbg
K YY_-' '&*>i 'm!' '\$>i 'm	GYa JbUf	F YU' h]a U]Yg.'C bY!hc!C bY'DYfZcfa UbWž 5i hc'YUf'cž'UbX'5i X]c'K U'_g
K YY_%\$. '&5i [i gh]! '*5i [i gh	GYa JbUf	F YU'@Ygž: U_Y'BYk g.: i h' fY'H'YUfYg'cZ h'Y'F YU'
	5ggYgga Ybh	A U'cf'F YgYUfW' Dfc'YWh'Xi Y': f]XUmž 5i [i gh%' "

F Ygci fWg

DfYgWf]VYX`F Ygci fWg`

F YUX]b[g`Ug`]ghYX`]b`hY`Wdi fgY`gWXYXi`Y`UfY`Uj U]UV`Y`hfcI [\`A`ccX`Y`UbX`j]U`]b_g`hc`hY`I`BGK`
]VfUfm`

F YWca a YbXYX`F Ygci fWg

- 5`]gcb`:`c fgmh`UbX`7`f]g`A`Y[gcb`fYXgtz`9`W`DWS`^`6`aUg`_`W`fSd`F`ZWSfd`WB`Sef`S`V`BdM`W`f`f@cbXcb.`DU`[`fUj`Y`A`UW`]`Ubz`&\$\$`-`Ł
- I`f_Y`:`UfXY`UbX`A`Y[`A`i`a`ZcFXz`F`ZWSfd`Wa`XD`VS`^`B`W`b`W`6`[`h`W`de`W`7`Uag`f`W`de`Sf`4`W`d`f`e`:`W`T`W`S`_`G`W`d`S`V`4`W`ka`V`f@cbXcb.`6`cca`gVi`fmz`&\$\$`*`Ł

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[`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`B`G`K` `[`f`c`i`d`g`d`U[]Uf]ga `]b`h`c` `h`Y` `Z`c` `c`k`]b[`W`U`h`Y`[`c`f`]Y`g.

- i bXYfgHUbX'mci f'f][\hg'UbX'fYgdcbg]V']hYg'Ug'U'gh XYbhUhl BGK
-

5 WUXYa]W=Zcfa Uh]cb

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

- fYei Ygth]Zcf`YI H`bg]cb/
- `Uh`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`dfcW`Xi fYg/
- gdYW]U`W`bg]XYfU]cb`]b`h`Y`Yj YbhcZ]`bYgg`cf`a]gUXj Ybhi fY/