

# ARTS3220

5g]Ub<sup>+</sup>7]h]Yg.<sup>-</sup>Gh X]Yg<sup>+</sup>]b<sup>+</sup>< ]ghcfmž<sup>+</sup>7i<sup>-</sup>h fY<sup>+</sup>UbX<sup>+</sup>HfUXY

HYfa 'Hk c''##'&\$%-

# 7ci fgY<sup>·</sup>Cj Yfj ]Yk

# `GHJZZ`7cbHJWh`8YHJ]`g`

# '7cbj Ybcfg'

BUa Y	9a U]`	5j U]`UV]`]m	@cWUhjcb	D∖cbY
8f"`AUfb]Y`: YbY`Ym	a "ZYbY`Ym4 i bgk "YXi "Ui			Ž*%'&'-',)
				&&, -

GWXcc`7cbHJWhr=bZcfaUhjcb

# 5ggYgga Ybh

D`YUgY`i gY`h\Y`5D5`fYZYfYbWjb[`gmghYa"``H\Y`6]V`]c[fUd\mi]g`bchi]bWi XYX`]b`k cfX`Wci bh'`A Uf\_g`k]``VY HU\_Yb`cZZhcHU``Zcf`[c]b[`cj Yf`h\Y`k cfX`Wci bh'Vma cfY`h\Ub`&\$\$`k cfXg"`8c`bchi]bWi XY`]``i ghfUhjcbg"`D`YUgY gYhci hmci f`YggUmik Y``"`D`YUgY`dfccZmci f`YggUmik Y``"`5`a U\_]b[`fi Vf]W]g`dfcj ]XYX`cb`A ccX`Y"`

# 5ggYgga YbhHUg\_g

5ggYgga YbhHJg_	K Y][∖h	8iY`8UHY	GhiXYbhï@YUfb]b[ CihWcaYgʻ5ggYggYX
9ggUm	) \$I	\$* <i>#</i> \$,#&\$%-`\$(.\$\$`DA	%ž&ž ž(
F Ydcfh	%) I	%) #\$+#&\$%+`\$(.\$\$`DA	&ž ž(
Dcd'Ei]n'	%) I	&(#\$*#&\$%-`\$).\$\$`DA	%Ž
9ggUmD`Ub'	&\$1	&&#\$+#&\$%`\$(.\$\$`DA</td><td>%ž&ž</td></tr></tbody></table>	

## 5ggYgga Ybh8YHJ]`g

### 5&gykgga Ybbhrkklig<u>9</u>ggUm

GHJfh:XUhY. 126ch?6fdd`]/100h?(%).\$\$`DA

**8YHJ]`g**. "⊕X]j ]Xi U``fYgYUfW\`YggUmcZ' ž\$\$\$`k cfXg"`H\]g`k ]```fYWY]j Y`k f]HYb`ZYYXVUW\_`f]b[

#### 5XX]h]cbU``XYhJ]`g.

H\]g`]g`Ub`cb`]bY`ei]n`k \]W\`k]```HYghH\Y`Z]fghHk c`kYY\_g`cZH\Y`WcifgY"`+ik]```VY`\Y`X`]b`H\Y`Hihcf]U`"`

#### 5ggYgga Ybh(. 9ggUmD`Ub

#### GHJfhXUHY. Bch5dd`]WUV`Y

**8YHJ]`g.** `Ghi XYbhg`k\_]```XYgWf]VY`h\Y]f`YggUmUf[ i a Ybhž`ghfi Whi fY`UbX`gci fWfg`]b`Ub`YggUmd`Ub`cZ) \$\$ k cfXg"`H\Ymk\_]```fYWf]j Y`]bX]j ]Xi U``Wca a Ybhg"`

#### 5XX]h]cbU``XYHJ]`g.

DYYf<sup>-</sup>fYj ]Yk <sup>-</sup>UbX<sup>-</sup>ZYYXVUW<u>'</u>k ]<sup>\*\*+</sup>HU\_Y<sup>-</sup>d<sup>\*</sup>UW<sup>\*</sup> Xi f]b[ <sup>-</sup>h hcf]U<sup>\*\*+</sup>A Uf\_]b[ <sup>-</sup>k ]<sup>\*\*+</sup>VY<sup>-</sup>VmH<sup>\*</sup>Y<sup>\*\*</sup> YWi fYf<sup>\*\*-</sup>

### 5 HYbXUbWYFYei]fYaYbhg

D`YUgY`bchY`h\Uh`YWfifY`fYWcfX]b[g`UfY`bchUjU]`UV`Y`Zcf`h\]g`WcifgY"`GhiXYbhg`UfY`ghfcb[`mYbWcifU[YX`hc UhhYbX`U```WUggYg`UbX`WcbhUWfih\Y`7 cifgY`5ih\cf]hmhc`aU\_Y`U`hYfbUh]jY`UffUb[YaYbhg`Zcf`WUggYg a]ggYX"

# 7 ci fgY GWX YXi `Y

#### J]Yk WUgg ha YHUY Y

#### H]a YHJV`Y'

8 UHY	Hmd Y	7 cbhYbh
K YY_`%`'`>i bY`!`+`>i bY	@YWhifY	`&`\cif`!`=bHcXiWhjcb`hc`WcifgY`#Acb_g`UbX aYfW\Ubhg`'!`H\Y`AUf]hjaY`G`]`_`FcihY`!`H\Y HfUbga]gg]cb`cZfY`][]cbžWi`hifY`UbX`HfUXY"
		H\]g``YWMifY`k]```YId`U]b`H\Y`UbW]YbhaUf]H]aY`gd]WY fciHY`UbX`]hg`]adUWhicb`H\Y`Wjj]`]nUh]cbg`cZ5g]U" K\Uh`XcYg`UfW\Yc`c[mHY```ig`UVciHiH\Y`cf][]bg`UbX XYgh]bUh]cbg`cZH\Y`gd]WYg`UbX`[ccXg`HfUXYX3` <ck X]X`H\]g`HfUXY`fciHY`]adUWhH\Y`W``hifYg`cZ5g]U`UbX GciH\YUgh5g]U"</ck 
		%`\cif'!`CbY`6Y`hCbY`FcUX`'!`H\Y`aUf]hjaY fcihY`UbX`h\Y`Gcih\`7\]bU`GYU
		7∖]bUgfiCbY`6Y`hcbY`FcUX`fbY`hUbX`FcUX =b]h]Uh]jYŁ"`H\]g``YWhifY``cc_g`Uhh\Y`; Yc!Dc`]h]Wg`UbX ; Yc!YWcbca]Wg`cZh\Y`5g]Ub`AUf]h]aY`HfUXY FcihY"`
	Hi hcf]U`	8YfU]`g`cZUggYgga Ybfg`
		=blfcXiWMjcb`cZYggUmihcd]Wg
		8]gW gg]cb`UbX`ei Ygh]cbg
K_YY_*&.*%\$*>i bY*!*%(	Hcd]W	Bc°@YWMifY`!`DiV`]W <c`]xum< td=""></c`]xum<>
>i bY	Hi hcf]U`	bc`h hcf]U`
K YY_'' .`%+`>i bY`!`&% >i bY	@YWhifY	`&`\cif`!`FY`][]cb`]b`5g]U`!` <ck`]xyc`c[mg\udyg [Yc[fUd\m"</ck`]xyc`c[mg\udyg 
		H\]g``YWMifY`k]``YId`cfY`H\Y`X]jYfgY`fY`][]cig Wi`hifU```]ZY`]b`5g]U`UbX`]hg`gdfYUX`U`cb[`H\Y AUf]h]aY`HfUXY`FcihYg"`
		%`\cif'!`FY`][]cb`]b`5g]U'!``Wcbh]biYX

		Hi hcf]U`	8]gWigg]cb`UbX`UWijj]HjYg`
	K_YY_`(`.`&(``>i_bY`!`&, >i_bY	@YV¥ni fY	`&`\ci_f`!`9Uf`mk_cfg\]d`]b`5g]U`!`H\Y`[_cXg`cZ a_ci_bHJ]bgža_cbgccbg`UbX`h\Y`gYU/`cWJ``gd]f]hg`UbX UbWfghcf`k_cfg\]d"``
			H\]g``YWMifY`k]```YId`cfY`H\Y`UbWJYbhifY`][]cig UggcWJUH]cbg`cZ`UbX`UbX`kUHYf`cZUbWYghcfg`UbX bUhifY`gd]f]hg`k\]W\ž`WUb`VY`gYYb`]b`aUbmX]ZYfYbh Zcfag`UWfcgg`5g]U''
b,	&	%0 %0	%`\cif`!``ŧDX]Ub]gUh]cb`!`k \UhXcYg`]ha YUb`!``\ck`]g ]hcihXUhYX`!``k \Uh]g`h\Y`W ffYbh'h`]b_]b[" <b>‰ ‰</b>
		Hihcf]U`	Cb`]bY'Ei]n']b't\Y'titcf]U`
		5ggYgga Ybh	"Ei]n"cb"kYY_"%UbX"" WcbhYbh"!"%)ı "`cUX]b["

%

5"

		Gcb"
		%\cif'!`6i {\b[`jU``Ym`AU`Umg]U'!`K\mkUg'h\Y 6i {\b[`]b'? YXU\`giW\`Ub`]adcfhUbhg]hY`Zcf AUf]h]aY`HfUXY
	Hi hcf]U`	5ggYgga Ybh! '9ggUmd`Ub`Xi Y`&\$ı ``cUX]b[ ``! DYYf fYj ]Yk `]b`WUgg'! 'UthYbXUbW' YggYbh]U`'
K_YY_'`&-`>i`m!`& 5i[igh	@YVMifY	AU&f`HfUX]b[`7]hjYg`cZ5g]U
		&`\cif`!`G]b[UdcfY``!`H\]g``YWfifY``cc_g`Uh G]b[UdcfYfgia]gg]b[`dUghVYZcfY`UbX`UZhYf`FUZZYg

## Gi Va ]gg]cb cZ5ggYgga YbhHUg\_g

# Gi Va ]gg]cb cZ5ggYgga YbhHUg\_g

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

=Zmci YbWci bhYf'U'dfcV'Ya 'k \Yb'UhYa dhjb[ 'hc'gi Va ]hmci f'Ugg][ ba YbhN fci [ \ 'Hi fb]hjbž'd'YUgY hY'Yd\cbY'9I hYfbU'`Gi ddcfhcb'-', ) '' ' %cf'Ya U]`'h\Ya 'cb'YI hYfbU'hY'hgi ddcfh4 i bgk "YXi "Ui '" Gi ddcfh \ci fg'UfY', .\$\$Ua '--'%\$.\$\$da 'cb'k YY\_XUmg'UbX'-.\$\$Ua '--) .\$\$da 'cb'k YY\_YbXg'fl \*) 'XUmg'U'mYUfŁ'" =Zmci UfY'i bUV'Y'hc'gi Va ]hmci f'Ugg][ ba YbhXi Y'hc'U'ZUi `hk ]h\ 'Hi fb]hjb'mci 'a Um'Udd`mZcf'Ub'YI hYbg]cbž'Vi hmci a i ghfYhU]b'mci f'hjW\_Yhbi a VYf'Zfca '9I hYfbU``Gi ddcfhfU`cb[ 'k ]h`Ubm'ch\Yf'fY`Yj UbhXcW a YbhgŁ'hc ]bWi XY'Ug'Yj ]XYbWi'hc'gi ddcfhimci f'YI hYbg]cb'Udd`]WUh]cb''`=Zmci 'Ya U]``9I hYfbU``Gi ddcfhimci 'k ]``

### 5WUXYa ]W<cbYghmUbX`D`U[ ]Uf]ga

D`U[]Uf]ga `]g`i g]b[`h\Y`k cfXg`cf`]XYUg`cZch\Yfg`UbX`dfYgYbh]b[`h\Ya `Ug`mci f`ck b"`=hWUb`hU\_Y`a Ubm Zcfa gžZca `XY`]VYfUhY`W\YUh]b[`hc`UWW]XYbhU``mWcdm]b[`Zca `U`gci fWY`k]h\ci hUW\_bck `YX[Ya Ybh'

IBGK [fcidg'd`U[]Uf]ga ]bhc h\Y Zc``ck]b[ WUhY[cf]Yg.

7 cdm]b[..i g]b[.ih,Y`gUa Y`cf`j Yfmig]a ]`Uf`k cfXg`hc`h,Y`cf][]bU``hYI h`cf`]XYU`k ]h\ci hUW\_bck `YX[]b[`h\Y gci fWF`cf`i g]b[`ei chUh]cb`a Uf\_g"`H\]g`U`gc`Udd`]Yg`hc`]a U[YgžUfhUbX`XYg][b`dfc´YWfgž'Ug`k Y```Ug dfYgYbhUh]cbg`k \YfY`gca YcbY`dfYgYbhg`Ubch\Yf\*g`]XYUg`cf`k cfXg`k ]h\ci hWfYX]h"

=bUddfcdf]UhY`dUfUd\fUg]b[..7\Ub[]b[`U`ZYk`k cfXg`UbX`d\fUgYg`k \]`Y`a cghmfYhU]b]b[`h\Y`cf][]bU` ghfi Whi fY`UbX#cf`dfc[fYgg]cb`cZ]XYUg`cZh\Y`cf][]bU`žUbX`]bZcfa Uh]cb`k]h\ci hUW\_bck`YX[Ya Ybh`H\]g`U`gc Udd`]Yg`]b`dfYgYbhUh]cbg`k \YfY`gca YcbY`dUfUd\fUgYg`Ubch\Yf'g`]XYUg`cf`k cfXg`k]h\ci hWfYX]hUbX`hc d]YW]b[`hc[Yh\Yf`ei chYg`UbX`dUfUd\fUgYg`]bhc`U`bYk`k \c`Yžk]h\ci hUddfcdf]UhY`fYZYfYbW]b["

7 c``i g]cb. k cf\_]b[ k ]h ch Yfg Vi hdUgg]b[ cZth Y k cf\_'Ug U dYfgcb'g ]bX]j ]Xi U`k cf\_'' 7 c``i g]cb U gc ]bWi XYg dfcj ]X]b[ 'mci f k cf\_'hc Ubch Yf gh XYbhVYZcfY h Y Xi Y XUhYžcf Zcf'h Y di fdcgY cZh Ya

- i bXYfgHJbX'mci f`f][\hg`UbX'fYgdcbg]V]`]h]Yg`Ug`U`ghi XYbh'Uh'I BGK
- VY Uk UfY cZdU[]Uf]ga žWcdmf][ \lbzi BGK Ghi XYbh7 cXY cZ7 cbXi Wh0bX 5WW/dhUVY I gY cZ I BGK '=7 H'F Ygci fW/g'Dc']Wh
- VY Uk UfY cZh Y gHUbXUfXg cZVY Uj ]ci f YI dYWYX cZYj YfmcbY ]b h Y I BGK Wca a i b]m
- `cWUHY`gYfj ]WYg`UbX`]bZcfa UH]cb`UVci hI BGK `UbX`I BGK `@]VfUfm

Gca Y'cZh\YgY'UfYUg'k]``VY'ZJa]`]Uf'hc'mci ž'ch\Yfg'k]``VY'bYk"'; U]b]b[`U'gc`]X'i bXYfgHJbX]b[`cZU``'h\Y fY`UhYX'UgdYWfg'cZ9@=G9'k]``\Y`d'mci 'a U\_Y'h\Y'a cghcZmci f`ghi X]Yg'Uh'I BGK "' <u>\hhd.#gi VYWf[i]XYg'`]VfUfm'i bgk "YXi "Ui #Y`]qY#UVci hY`]qY</u>

