

ARTS3820

< ck 'hc'ghUfh'U'fYj c`i h]cb. 'UWh]j]ga ž'gcW]U`'a cj Ya Ybhg UbX'dc`]h]WU`'WXUb[Y

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

7ci fgY[·]Cj Yfj]Yk

GHJZZ7cbHJWh78YHJ]`g

7cbj Ybcfg

BUa Y	9a U]`	5j U]`UV]`]m	@cWUhjcb	D∖cbY
B]₩_5dc]Z]g	b"Udc]]]g4 i bgk "YXi "Ui		А 6 ⁻ %((- ' ,) &(\$+

7ci fgY[·]8YHJ]`g

7 fYX]hDc]bhg***

Gi a a UfmcZh\Y'7ci fgY

< ck 'hc 'gHJfhU'fYj c'i Hjcb'UbX'W, Ub[Y'h,Y'k cfX3' +D'U'k cfX'cZ[fck]b[']bYei U']mžYbj]fcba YbHU'dc'ii Hjcbž UbX'WcbZ]Wih,]g'ei Yghjcb'gYYa g'a cfY']a dcfHUbHhUb'Yj Yf'' +D'h,]g'Wci fgYžmci 'YI Ua]bY'h,]g'ei Yghjcb Zca 'U'Dc']h]WJ'W, UbX'+DHYfbUHjcbU'FY'Uhjcbg'dYfgdYWj YžYI Ua]b]b['dfcW'ggYg'cZž'UbX'h,Y'UWcfg']bj c'j YX]bž'dc']h]WJ'W, Ub[Y'': fca 'h,Y', a Yhcc'a cj Ya Ybhž'hc'6'UW_'@]j Yg'A UHHYfž'hc'h,Y'5'hF][\hž'hc'h,Y'5'hV gdf]b['dfcHYghg'UbX'C WW dmUbX'+DX][bUXc'a cj Ya Ybhg.'U'''Ufci bX'hY'k cfX'Wh]nYbg'UfY a cV]']g]b['žgca Y'VYWUi gY'h,Ymk Ubhdc']h]WU''W, Ub[Yžch,Yfg'VYWUi gY'h,Ymk Ubhhc'a U]bHU]b'h,Y'gHJh g ei c''K \Uhi]g'W, Ub[Y3'K \mXc'gca Y'dYcd'Y'k UbhfUX]WU''UbX'ch,Yfg'a cXYfUHY'W, Ub[Y3'K \UhYI d'U]bg hY'gi WW gg'cZUXj cWUHYg'Zcf'bcb!W, Ub[Yž]''Y'''h,Y'gHJhi g'ei c3'K \Uh']['V'cZW, Ub[Y'Xc'dc']h]WU''W/bcfg gYY_'hc'UW, [Yj Y3'+D'h]g'Wci fgY'mci 'k]`''Z fh\Yf'YI d'cfY'h,YgY'ei Ygh]cbg'Wca dUf]b['dfcW'ggYg'cZdc']h]WU' W, Ub[Y'UbX'UWcfg']bj c'j YX']b'[YbYfUh]b['dc']h]WU'W, Ub[Y']b'5i gffU']U'UbX'ch,Yf'Wci bHf]Yg'Ufci bX'h,Y k cf'X'''Nci 'k]``YUfb'UVci hhY'fc'Y cZdck Yfž'Y[]h]a UWhž'UbX']bg]XYf'UbX'ci hg]XYf'dcg]h]cbg']b'a U_]b[dc']h]WU'W, Ub[Y'k cf_fcFbcHz''Nci 'k]``YUj Y'h,]g'Wei fgY'k]h,'U'YHYf'i bXYfgHUbX]b['cZK \UhHc']h]U' W, Ub[Y']gž\ck']hWUb VY'UW,[Yj YXžUbX'k \Uhmci f'ck b'fc'YWD'YY]b'W, Ub['h)['hc'fX''' W, Ub[Y']b'W, Ub['Y'k cf_fCFX''']hYz'UbX'k \Uhmci f'ck b'fc'YWD'Y']b'W, Ub['h)['hc'fX''' W, Ub['Y']b'Y'HX cf_X'''

7cifgY@YUfb]b[CiHWcaYg

- %"8YgWf]VY`UbX`YjU`iUhY`h\Y`aU]b`h\Ycf]Yg`UbX`WcbWYdhg`igYX`]b`h\Y`ghiXmcZdc`]h]WU``W\Ub[Y
- &" 7 f]h]WU``mYj U`i UHY 'UbX WcbhfUghifYgYUfW, 'UVci hidfcWYggYg`cZdc`]h]WU``W, Ub[Y`UbX`UWcfg`]bj c`j YX]b`dc`]h]WU``W, Ub[Y`fUbX`bcb!W, Ub[YE]b`bUh]cbU``UbX`]bHYfbUh]cbU``WcbHYI hg
- ' "9Id`Ujb`th,Y`WcbhYghYX`bUhifY`cZdc`]hjWU``]bei]fmUbX`th,Y`X]aYbg]cbg`cZYth,jWU``gW&c`Ufg\]d`]b`th,Y X]gW]d`]bYg`cZDc`]hjWg`UbX#cf`=bhYfbUh]cbU``FY`Uh]cbg`]b`fY`Uh]cb`hc`dfcWYggYg`cZdc`]hjWU``W&Ub[Y UbX`bcb!W&Ub[Y"``

HYUWX]b[GhfUhY[]Yg

H\Y`YUfb]b[`UWij]]i]Yg`Zcfi'h]g`Wci fgY`UfY`gY`YWiYX'hc`gi ddcfhimci `]b`ghfYb['h\Yb]b[`mci f`WddUV]ImiZcfifUŁ Wf]i]WU`ž`]bXYdYbXYbh'h]b_]b[/fVŁfYgYUfW\`g_]``g`UbX`fW£fYZYWijb[`cb`mci f`ck b`dcg]i]cb`]b`h\Y k cf`X"`DfcWfggYg`cZdc`]h]WU``W\Ub['Y`UbX'bcb!W\Ub['Y`UfY`bYj'Yf'j'U`i Y!bYi hfU`ž'UbX`h\YfYZcfY`k Y`k]```VY fYZYWijb[`Vch\`cb`mci f`ck b`dcg]i]cb`UbX`j]Ykg`cb`dc`]h]WU``W\Ub['Y'Ug`kY```Ug`gYY_'hc`dcg]i]cb`X]ZYfYbh ghfUbXg`cZfYgYUfW\`cb`dc`]h]WU``W\Ub['Y`hc`\Y`d`mci `i bXYfgHUbX`k\mX]ZYfYbhfYgYUfW\Yfg`WcaY`hc X]ZYfYbhWcbWi g]cbg''

=b`UWWcfXUbWY`k]h`I BGK @YUfb]b[`UbX`HYUWX]b[`; i]XY`]bYgžh`]g`Wci fgY`\Ug`VYYb`XYg][bYX`hc`Yb[U[Y mci]b`YUfb]b[`h\fci [\]bZcfa YX`gYa]bUf`X]gW gg]cb`VUgYX`cb`[i]XYX`fYUX]b[`UbX`]bXYdYbXYbh

5ggYgga Ybh

5ggYgga YbhHUg_g

5ggYgga YbhˈtJg_	K Y][\h	8iY'8UHY	GhiXYbhi@YUfb]b[CihWcaYgʻ5ggYggYX
9ggUmi	()	Bch5dd`]WUV`Y	%ž&
7 UgY Ghi Xm ; fci d K cf_	' \$I	Bch5dd`]WUV`Y	&
7 f]h]WU``fYZYWAjcb'	&) ı	Bch5dd`]WUV`Y	'

5ggYgga Ybh8YHJ]`g

5ggYgga Ybh'% '9ggUm

GHUfh'XUhY.

8YHJ]`g.

Mci 'k]```gi Va]hU`&) \$\$!k cfX`fYgYUfW.`YggUm'E i Ygh]cbg`UfY`gYhVmh\Y`Wci fgY`Wcbj Ybcf"`Mci 'k]``fYWf]j Y k f]hYb`ZYYXVUW_`UbX`U`bi a Yf]WU``[fUXY`k]h\]b`hYb`k cf_]b[`XUmg`cZgi Va]gg]cb"`H\Y`ZYYXVUW_ g\YYh#fi Vf]Wk]```VY`Uj U]`UV`Y`hc`mci `Uhh\Y`ghUfhicZh\Y`Wci fgY`gc`h\Uhmci `WUb`k cf_`hck UfXg`gdYW]Z]YX ghUbXUfXg"

Hi fb]h]b`gYh]b[.`H\]g`Ugg][ba Ybh]g`gi Va]hhYX`h\fci [\`Hi fb]h]b`UbX`gh XYbhg`WUb`gYY`Hi fb]h]b`g]a]`Uf]hm fYdcfng"

5ggYgga Ybh& 7UgY GH Xm ; fci d K cf_

GHJfh'XUHY.

8YHJ]`g.

H\]gʻ]gʻUʻ[fci dʻHJg_"'Nci f`[fci dʻk]``gi Va]hUʻ&\$\$\$'k cfX`WJgYʻghi Xm''Nci ʻk]``VYʻUg_YX'hcʻfUhYʻmci f ZY``ck `[fci dʻa Ya VYfgfidUfh]W]dUh]cbʻUbX`Wcbhf]Vi h]cbʻcbʻUʻgWUʻYʻcZ%l%\$'i g]b['UʻWcbZ]XYbh]U``cb`]bY gi fj Ym'`5```ghi XYbhgʻ]bʻh\Y`[fci dʻk]``fYWY]j Yʻh\YʻgUa Y`[fUXYʻZcfʻh\YʻUgg][ba Ybhz`\ck Yj Yf`]ZUbm[fci d a Ya VYffigʻdUfh]W]dUh]cbʻUbX`Wcbhf]Vi h]cbʻ]gʻfUhYX``ck Yf`h\Ub`+`fVmghi XYbhgʻcfʻh\Y`Wci fgY`Wcbj YbcfŁ'h\Yb h\Y]f`[fUXY`k]``VY`a cXYfUhYX`UVWcfX]b[`m'Vmh\Y`Wcbj Ybcf" H\]gʻk]``VY`WYUf`mWca a i b]WUhYX`hc'mci `Uh h\Y`ghUfhcZh\Y`hf]a YghYf" H\Y`VUgY`ghi Xmk]``VY`gi Va]hhYX'h\fci [\`a ccX`Y`UbX`mci `k]``fYWf]j Y`k f]hHyb ZYYXVUW_'UbX`U`a Uf_YX`fi Vf]Wk]h\]bʻhYbʻk cf_]b[`XUmgʻcZgi Va]gg]cb

5ggYgga Ybh'. 7f]h]WU`fYZYWh]cb

GHUfh'XUhY.

8YHJ]`g.

Mci k]``gi Va]hU'%) \$\$`k cfX`Wf]h]WU``fYZYWf]cb`VUgYX`cb`mci f`YI dYf]YbWf`fgE`UHHYbX]b[`U`a YYh]b[#Yj Ybh

5HYbXUbWYFYei]fYaYbhg

7 ci fgY GWX YXi `Y

J]Yk WUgg'ha YHJV`Y

H]a YHJV`Y'

8 UHY	Hmd Y	7 cbhYbh
K YY_`\$.`&)		GYY A CCX Y
A Um		
K YY_`&.`, `>i bY`!`%&		GYY A CCXY
>i bY		
K YY_'' . %)		GYY A CCXY
>i bY		
K_YY_(.*&&*>i bY*!*&*		GYY A CCXY
>i bY		
K YY_`).`&- `>i bY`!`' `>i `m		GYY A CCXY
K_YY_**.** '>i `m'! '%\$ '>i `m		GYY A CCXY
K_YY_`+.`%'_`>i_`m!`%+`>i_`m		GYY'A ccX'Y
K_YY_`, .`&\$`>i `m!`&(`>i `m		GYY A CCX Y
K_YY_'`&+`>i_`m!`'_%`>i_`m		GYY A CCXY
K YY_"%\$." "5i [igh!"+		GYY A CCX Y
5i[igh		

FYgci fWfg

DfYgWf]VYX F Ygci fWyg

BchUjU]`UV`Y

FYWca a YbXYX[°]FYgci fWYg

BchUjU]`UV`Y

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

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]hjbžd'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'ZJi `hk]h\'Hi fb]hjb'mci 'a UmUdd`mZcf'Ub'YI hYbg]cbžVi hmci a i ghfYhU]b'mci f'hjW_Yhbi a VYf'Zfca '9I hYfbU'`Gi ddcfhfU'cb['k]h\ 'Ubmch\Yf'fY'Yj UbhXcW a YbhgŁhc]bWi XY'Ug'Yj]XYbWY hc'gi ddcfhmci f'YI hYbg]cb'Udd`]WUh]cb'' Zmci 'Ya U]`'9I hYfbU'`Gi ddcfhimci 'k]`` Ui hca UhjWU'`mfYWY]j Y'U'hjW_Yhbi a VYfžVi h]Zmci 'hY`Yd\cbY'mci 'k]``bYYX'hc'gdYWJZWU``mUg_'Zcf'cbY" Hi fb]hjb'U`gc'dfcj]XYg'i dXUhYg'cb'h\Y]f'gmghYa 'gfUh'g'cb'Hk]hYf"

; YbYfU``mž'UggYgga YbhHUg_g`a i ghVY`gi Va]HYX`Y`YWfcb]WU``mj]U`Y]H\Yf`Hi fb]h]b`cf`U`A ccX`Y Ugg][ba YbH'`=b`]bgHUbWfg`k \YfY`H\]g`]g`bchdcgg]V`Yž`]hk]```VY`gHUHYX`cb`mci f`Wci fgY**'**g`A ccX`Y`g]HY`k]H\ U`HYfbUh]j Y`gi Va]gg]cb`XYHU]`g"

: cf`]bZcfa Uh]cb`cb`\ck `hc`gi Va]hUgg][ba Ybhg`cb`]bY`j]U`A ccX`Y.`\hhdg.##gh XYbh'i bgk "YXi "Ui #\ck! gi Va]hUgg][ba Ybha ccX`Y

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"`=h\Wb`HU_Y`a Ubm Zcfa gžZīca `XY`]VYfUHY`W\YUH]b['hc`UWV]XYbHU``mWcdm]b['Zīca `U`gci fW'`k]H\ci hUW_bck `YX[Ya YbH'

I BGK '[fci dg'd`U[]Uf]ga ']bhc'h\Y'Zc``ck]b['WUhY[cf]Yg.

- 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> 5₩UXYa]W≢bZcfaUh]cb