



ARTS1190

GmXbYm`<]ghcfmž`@UbXgWUdYgž`DYcd`Y

HYfa 'H\fYY''##'&\$&\$

GW.cc^{``}cZ<iaUb]hyg'UbX'@Ub[iU[Yg`'#'I BGK '5fhg'UbX'GcWU''GW}bWg

7 ci fgY[·]Cj Yfj]Yk

GHJZZ7cbHJWh78YHJ]`g

7cbj Ybcfg

BUa Y	9a U]`	5j U]`UV]`]m	@cWUh]cb	D∖cbY
>Ua Yg`? YUh]b[/*_YUh]b[4 i bgk "YXi "Ui	Ya U]`Zcf Uddc]bha Ybh	A cfj Yb ⁻ 6fck b &, \$	

GWXcc``7cbHJWhi=bZcfaUhjcb

GWXcc``cZ<iaUb]ŊYg'UbX'@Ub[iU[Yg

@cWUhjcb. `GW&cc``C ZJWYžA cfj Yb`6fck b`6i]`X]b[ž@Yj Y``&ž&),

CdYb]b['< ci fg. A cbXUm! : f]XUmž - Ua '!') da

D\cbY. Ž*%&'-',) %*, %

: UI . Ž*%&'-' ,) ', +\$)

9a U]`. <u>\U`4 i bgk "YXi "Ui</u>

7cifgY[·]8YHJ]`g

7 fYX]hDc]bhg`*`

Gi a a UfmcZh\Y'7ci fgY

H\]g`WcifgY`]a a YfgYg`mci`]b`h\Y`\]ghcfmždc`]h]Wg`UbX`W``hifY`cZGmXbYmUbX`h\fci[\`h\Ya ž`]bhfcXiW(g`mci

8 YHJ]`g.

6]V`]c[fUd\mWcadf]gYg'U``]ghcZ%\$`[ccX'eiU`]migcifWYg'Zcf'h\Y'aU^cf'dfcYWf'5Vcih)\$\$`k cfXg"

€X]j]Xi U`ZYYXVUW_`Vmifi Vf]Wd`i g`bi a Yf]WU``[fUXY"

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

H\]gʻUgg][ba Ybhj]gʻhcʻa U_Yʻgi fYʻmci ʻUfYʻk cf_]b[ʻhck UfXgʻmci fʻA UʻcfʻG]hY!VUgYXʻdfcʻYWifUggYgga Ybh ' ŁʿUbXʻcbʻlfUW_ʻhcʻWca d`Yhjb[`]hhcʻU`\][\`ghUbXUfX''``=b`]hž'mci `k]```bYYX`hcʻdfcj]XY.

- % 5 'gmbcdg]g#UVghfUWh 'H\]g']g'U'g\cfhfUVci h' \$\$ 'k cfXgž) !* 'gYbhYbW'gŁ'gi a a UfmdfYgYbh]b[mci f'cj YfU```Uf[i a Ybhfh\Yg]gŁ'h\Uhimci 'k]```VY'Uf[i]b[']b'mci f'a U'cf'dfc'YW'i'Nci 'k]``ci h]bY'k \m mci f'W\cgY'g]hY']g'g][b]Z]WUbhž'k \Uhi]h'hY``g'i g'UVci hGmXbYmUbX']hg'\]ghcfma cfY'[YbYfU``mž k \UhiYj Ybhgž'h\Ya YgždfcWi'gg'mci 'ZYY`'h\Y'g]hY'a][\hfYdfYgYbhž'YhW'iNci 'k]``U`gc'bYYX'hc'ci h]bY h\Y'UddfcUW\'mci 'k]``UY'HU_]b[']b'hYfa g'cZa Yh\cXgž'UfYUg'cZzcW'g'fY''["žgcW]U``[fci dgž'\]ghcf]WU` dYf]cXg'YhW'''K f]h]b[''h\]g'UVghfUWhk]``\Y`d'mci 'hc'VY'WYUf'UbX'gi WW]bWhUVci hmci f'Uf[i a YbhUbX ZcW'g"
- &"5`V]V`]c[fUd\mžWcbg]gh]b[`cZ`

%" Df]a UfmGci fWYg.~5~]ghcZU'a]b]a i a 'cZXagd'gci fWYg'fa UhYf]U`ž'k f]hhYbž'UfWXYc`c[]WU`

ŧ∂X]j]XiU`ZYYXVUW_`VmfiVf]Wžkf]thYb`WcaaYbhd`ig`biaYf]WU``[fUXY"

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

H\]gʻUggYgga YbhfYei]fYgʻhcʻfYgYUfW.'UbX`kf]hY`U'dfcʻYWicb'Ub`]a dcfhUbhid`UWYž'g]hY`cf`bY][\\cif\ccX`]b GmXbYm''H\]gʻ]gʻh\Y`a Uʻcf`d]YWY`cZk cf_`Zcf`h\]gʻWci fgYž'UbX`k\YfY`mci `WUb`XYa cbghfUhY`mci f`fYgYUfW\ž UbU`mf]WU`ž'h\YcfYh]WU``UbX`]bhYfdfYh]jY`g_]``g"

7 \ccgY 'C B 9 'cZh\Y 'Zc``ck]b['g]hYg`f]Zh\YfY`]g`gca Yk \YfY 'Y`gY`mci 'k ci `X``]_Y hc'k cf_`cbžd`YUgY 'Ya U]` a Y`]b`UXj UbWY 'gc`h\Uh`='WUb`Uddfcj Y`]hz

- FYXZYfb'fH\Y'6`cW<u>k</u>
- @U^{*}DYfci gY
- A cfh UfmGhUhjcb UbX#cf F cc_k ccX 7 Ya YhYfm
- < mXY[·]DUf_[·]6UffUW<u>g</u>
- H\Y'< mXY'DUf_'7 YbcHJd\
- A Uff]W_j]``Y
- 7 UVfUa UHU
- 7 i ghca g'< ci gY
- 6cHJb]W; UfXYbg
- AigYia cZGmXbYm
- 7 cW_Uhcc'=g`UbX
- DUffUa Uhtu frygd" h Y Wa Yhyfmz
- 6cbX][.]6YUWX
- ?]b[g⁻7 fcgg
- 8Uf`]b[\i fgh; Uc`

Mci 'a i ghj]g]hh\Y'd`UWY'mci 'UfY'k f]h]b['UVci hžgc'mci ffYgYUfVX 'a i gh]bWi XY'Uh`YUghcbY'j]g]hhc'mci f g]hYfgE'cf'dUfhg'h\YfYcZ''=o'mci f'Ugg][ba Ybhž'mci 'a i gh]bWi XY'U'd\chc'cZmci fgY`ZUh'h\Y'g]hY'hc'dfcj Y'h\Uh mci 'k YfY'h\YfY''

Mcif'dfc'YWfg\ci`X'fbchbYWfggUf]`m']b'h\]g'cfXYfŁ

- 8Yg₩]VY`h\Y`g]hY/
- Cih]bY'hY'\]ghcfmcZhY'g]hYžgYhk]h\]b'k]XYf'\]ghcf]WU``WcbhYI hg'UbX'h\Ya Yg/
- 91 d`cfY`k \Uhh\Y`g]hY`hY``g`i g`UVci hih\Y`dYf]cX`]b`k \]W\`]hk Ug`Vi]`hcf`WfYUhYXžUbX`k \Uh]hhY``g`i g UVci hih\Y`\]ghcfmcZh\Y`W]mcj YfU```'H\]g`Wca dcbYbhU``ck g`mci `hc`XYj Y`cd`Wf]h]WU``UbX`UbU`mh]WU` ei Ygh]cbg`UVci himci f`g]h//
- ٩

a UhYf]U``Zcf`g]hYg`k]``j Ufmž`Vi hV]V`]c[fUd\]Yg`g\ci `X`WcbHJ]b`U`a]b]a i a `cZY][\higi VgHJbh]U``fYZYfYbWYg"

H\Y'i gY'cZgca Y'df]a Ufmigci fWYg']g'glfcb[`mYbWci fU[YX'!'kY'k]``X]gW gg'\ck 'hc'fYUX'UbX'UbU'mgY h\YgY'cj Yf'h\Y'Wci fgY'cZh\Y'hYfa "

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 fYdcfhg"

5 HYbXUbWY FYei]fYa Ybhg

Ghi XYbhgʻUfYʻghfcb[`mYbWci fU[YX'hcʻUhhYbX'U```WUggYgʻUbX'fYj]Yk ``YWhi fYʻfYWcfX]b[g"

7 ci fgY GWX YXi `Y

<u>J]Yk WUgg'hja YHJV`Y</u>

H]a YHJV`Y'

8 UHY	Hmd Y	7 c bhYbh	
K_YY_`%`%(`GYdhYa_VYf`!	@YWhifY	7 cifgY =bhfcXiW1jcb. 7 cbj]WhiHck bihc; `cVU``7]hm	
% GYdhYa VYf	GYa]bUf	=blfcXiWijcb.K∖UhjgiNcifGmXbYm3	
K_YY_`&.`&%`GYdHYa_VYf`!	@YWhifY	Cb`]bY`@YWhifY.`5Vcf][]bU``@UbXgWUdYg`cZGmXbYm	
&) GYdhYa VYf	GYa]bUf	; cjYfbcf [·] D\]``]d [·] UbX [·] h\Y [·] 9cfU [·] BUh <mark>]</mark> cb	
K_YY_''&, 'GYdhYa VYf'! &'C.WrcVYf	:]Y`Xk cf_	91 d`cf]b[`h∖Y`7 cbj]WkgfiHck b	
		D`YUgY`Xck b`cUX`h\Y`I_BGK_`K_U`_]b[`Hcif/Zcf`h\Y ~9I d`cf]b[`7 cbj]WiGmXbYm~hcifžigY`h\Y`Wcidcb WcXY.`6 < G&HG`UbX`h\Y`UWWcibhYa_U]`. \U`4_ibgk "YXi"Ui"	
		BBchY.ˈhʌ]gʻhU_Ygʻh∖Yʻd`UW¥ʻcZmcif``YWnifYʻh∧]gʻkYY_0	
	GYa]bUf	7cbj]WhiG`i a gicfiH\f]j]b[iBY][\Vci f\ccXg3	
KYY_`(.`)`CW/cVYf`!`-	@YWhifY	Cb`]bY`@YWhifY.6cca`7]hmž;YbXYfYX`7]hm	
C₩/cVYf	GYa]bUf	K ca YbfgʻD`UWY`]bʻh\Y`7]m	
K_YY_`).`%&`CW/cVYf`!`%* CW/cVYf	5ggYgga Ybh	AUĉf'9ggUmUbX`6]V`]c[fUd∖mXiY':f]XUm %*`C₩fcVYf"	
	@YWhifY	Cb`]bY`@YWhifY.F]WX`GmXbYmžDccf`GmXbYm	
	G₩YYb]b[D`YUgY`kUHWX`fD`Um]b[`]b`H\Y`G\UXckgfif&\$\$, ±]b mcif`ckb`H]aY`f1]b_`UjU]`UV`Y`H\fci[\`AccX`YŁ	
	Cb`]bY`5W(jj]m		

FYgci fWg

DfYgWf]VYX F Ygci fWyg

5```Wci fgY`fYUX]b[g`k]```VY`Uj U]`UV`Y`cb`A ccX`Y`j]U`@Y[Ubhc`Ž`UXX]h]cbU``a UhYf]U``Zcf`X]gW gg]cb`]b gYa]bUfg#cZ]bhYfYghZcf`Ugg][baYbhg`k]``VY`dcghYX`kYY_`m'

FYWca a YbXYX⁻FYgci fWYg

B#5

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

H\]g`]g`h\Y`gYWcbX`h]a Y`h\]g`i b]h]g`VY]b[`hUi [\hžgc`k Y`UfY`YU[Yf`hc`fYWY]j Y`mci f`ZYYXVUW_`j]U a m91 dYf]YbWY"

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'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 YbhgŁ'hc]bWi XY'Ug'Yj]XYbWY hc'gi ddcfhimci 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 VYfž'Vi 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 'gfUhi 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 UHjcb'UVci hI BGK 'UbX'I BGK '@VfUfm

Gca YicZh\YgYiUfYUgik]``VYiZJa]`]Ufihcimci žich\Yfgik]``VYibYk"'; U]b]b[`Uigc`]Xii bXYfgHUbX]b[`cZU```h\Y fY`UhYXiUgdYWfgicZ9@=G9ik]``\Y`dimci ia U_Yih\Yia cghicZmci fighi X]YgiUhil BGK"' <u>\hhd.#qi VYWfii]XYg"`]VfUfm"i bgk"YXi"Ui #Y`]qY#UVci hY`]qY</u>