



ARTS1011

Ⓜj Ybh]b['h\Y`GY`Z`7 fYUhj Y`K f]h]b[']b`h\Y`8][]hU`5[Y

HYfa 'H\fYY`##`&\$%-

7ci fgY`Cj Yfj]Yk

`GHUZZ`7cbhUWh`8YHU]`g`

`7cbj Ybcfg`

B Ua Y	9a U]`	5j U]`UV]]]m	@cWWhcb	D\cbY
DUi ``8Uk gcb	dUi ``XUk gcb4 i bgk "YXi "Ui			

GW\cc``7cbhUWh`bZcfa Uh]cb

Fcca `` %&Z`Yj Y`` `F cVYfhK YVghYf`6i]X]b[

D\cbY. f\$&L`- ' ,) `(,) *

9a U]: [gUa 4 i bgk "YXi "Ui](#)

K YVg]hY: [\hdg.#gUa "Ufhg"i bgk "YXi "Ui](#)

H\Y`GW\cc``cZhY`5fng`UbX`A YX]U`k ci `X``_Y`hc`F YgdYWwZ ``m5W_bck`YX[Y`hY`HfUX]h]cbU``7i ghcX]Ubgz`hY`6YXY[U`fP`Ybg]b[hc b`WJa di gLz; UX][U`f7]mUbX`5fh/`8Yg][b`7 Ua di gYgE`UbX`hY`B [i bbUk U`dYcd`Y`f5i ghfU]Ub`8YZYbWV: cfW`5WUXYa m]b`7 UbVYffUe`cZhY`UbXg`k \YfY`YUW\`WJa di g`cZI`BGK`]g`cWWhYX"

7ci fgY'8YHJ]`g

7fYX]hDc]bHg`*`

Gi a a UfmicZ\hY'7ci fgY

K \UhXcYg]ha YUb'hc'k f]hY'UVci hici fgY] Yg:]b'Ub'U[Y'cZfYU']m\i b[Yfz'k]h' [YbfYg'gi W\ Ug'Ui hcZ]W]cb
UbX'a Ya c]f'dfc']ZfU]h]b[z'UbX'k]h'gcW]U'a YX]U'dfcj]X]b['Yj YfmcB'Y'k]h' U'di V']WdfcZ]Y3'zdf]bhW' h' fY
cZ\hY'; i h'bvYf['YfU'\Ug:[]j Yb'k Umic'X][]h]W' h' fY'cZ\hY'; cc['Y'YfUz'h]g'\Ug'cb'm]bWfYUgYX'h'Y
Ua ci bhicZ]hY' h'hU'hk Y'UfY']a a YfgYX']b" -b'h]g]W'ci fgY'mci 'k]''YI d'cfY'\ck '']h'fU]h' fY'\Ug'W'a dYh'X'k]h'z
UVgcfVYXz'UbX'fYa YX]U]h'X'bYk 'h'V\bc'c[]Yg'cZ\W'a a i b]W]h]cb"Mc'i 'k]''UddfcUW\ 'WfYU]h] Y'k f]h]b['Ug'U
a cXY'cZYI dfYgg]cb'h'UhYa Yf[Yg'Z'ca 'UbX'W]fW'U]h'g'k]h]b'U'a i W\ 'Uf[Yf'hY' h' U'Ybj]fcba Yb]z'UbX'mci
k]''dfcXi W'mci f'ck b]bbcj Uh] Y'Yb[U[Ya Yb]h]g'k]h' W'eb'hYa dcfUfma YX]U']b'U'dfUW]W]k cf_g\cd
g]h' Uh]cb"

7ci fgY'@YUfb]b['Ci hW'a Yg

% 8Ya cbg]fU]h' _bck YX[Y'cZ\ck 'W'eb'hYa dcfUfm']h'fU]h' fY'Yb[U[Yg'k]h' bYk 'a YX]U'
&" -XYbh]Zm]Z'fa U'Y'Ya Yb]h]cZ']h'fU]h' fY'UbX'\ck 'h'YmcdYfU]h'k]h]b'UbX'UW'cgg[YbfYg
' " I bXYfg]h]UbX'h'Y'h'Y' dfUW]W]X'YW]g]cbg'k f]h'fg'a U_Y']b'fY'Uh]cb'hc'h'Y'W'Uz'icZk f]h]b['
(" 7 f]h]W]m]UddfU]gY'h'Y]f'ck b'k cf_ 'UbX'h'Y'k cf_ cZch'Yfg'
) " 8 fUz'z'fYj]gYz'UbX'YX]h'h'Y]f'ck b'a Ubi gW]d]h]g'

HYUW\]b['G]h'fU]h' []Yg'

D'YUgY'fYz'f'hc'h'Y']b]Z'fa Uh]cb']b'A ccX'Y

5ggYgga Ybh

5ggYgga YbhHUg_g`

5ggYgga YbhHUg_	K Y][\h	8i Y'8UH	Gh XYbh@YUfb]b[Ci Hta Yg'5ggYggYX
HYI hi U`7c`U[Y`	' \$i	Bch5dd`]WUV`Y	%z&Z
:]bU`7fYUhj Y`K cf_`) \$i	Bch5dd`]WUV`Y	%z&Z ž(ž)
Hi hcf]U`DfYdUfUhc`b`	&\$i	Bch5dd`]WUV`Y	' ž(ž)

5ggYgga Ybh8YHU]`g

5ggYgga Ybh% 'HYI hi U`7c`U[Y`

GHUfhXUH`.

8YHU]`g. '%\$\$\$'k cfXgGh XYbhg`k]`fYW]j Y`k f]hYb`ZYXVUW`cb`hY]f`k cf_`"

5ggYgga Ybh&.:]bU`7fYUhj Y`K cf_`

GHUfhXUH`.

8YHU]`g. '&\$\$\$!' \$\$\$'k cfXg"H\]g:]g`hY`Z]bU`UggYgga YbhHUg_`"Gh XYbhg`k]`fYW]j Y`k f]hYb`ZYXVUW`cb`hY]f`k cf_`"

5ggYgga Ybh' . Hi hcf]U`DfYdUfUhc`b`

GHUfhXUH`.

8YHU]`g. '5`gh XYbhg`a i ghgi Va]hU`XfUZha Ubi gW]dhZcf[fci d`k cf_g\cdd]b[]b`WUgg`"H\Ymk]`fYW]j Y`k f]hYb`ZYXVUW`cb`hY]f`k cf_`]b`dfc[fYgg"Gh XYbhg`a i ghdfcj]XY`k f]hYb`ZYXVUW`cb`U`XfUZha Ubi gW]dhgigi Va]hYX`Zcf`k cf_g\cdd]b["H\]g`k]`VY`a cb]hcfYX`cb`A ccXY`cf`]b`WUgg`"

F Ygci fWg

DfYgWfjVYX`F Ygci fWg`

BchiUj UjUVY

F YWca a YbXYX`F Ygci fWg

BchiUj UjUVY

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

Gi Va]gg]cb`cZ5ggYgga YbhHUg_g

Gi Va]gg]cb`cZ5ggYgga YbhHUg_g

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

≠mci`YbWci bHYf`U`dfcV`Ya`k`Yb`U`HYa`dh]b[`hc`gi`Va`]hmc`i`f`Ugg][`ba`Ybh`h`fci`[`\`Hi`fb]h]b`z`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`fI`*)`XUmg`U`mY`UfL`≠mci`
UfY`i`bUV`Y`hc`gi`Va`]hmc`i`f`Ugg][`ba`YbhXi`Y`hc`U`ZU`hik`]h`Hi`fb]h]b`mci`a`Um`Udd`mi`Zc`f`Ub`YI`HYbg]cb`z`Vi`hmc`i`
a`i`ghfY`hU]b`mci`f`h]W`Yhbi`a`VYf`Zca`9I`HYfbU`Gi`ddcfhfU`cb[`k`]h`Ubmc`h`Yf`fY`Yj`UbhXcW`a`Yb`hgL`hc`
]bWi`XY`Ug`Yj`]XYbW`hc`gi`ddcfhmc`i`f`YI`HYbg]cb`Udd`]W]h]cb"≠mci`Ya`U]`9I`HYfbU`Gi`ddcfhmc`i`k`]"`

5 WUXYa]W<c bYghmiUbX 'D`U[]Uf]ga

D`U[]Uf]ga 'g'i g]b['hY`k cfXg'cf]XYUg'cZchYfg'UbX'dfYgYbh]b['hYa 'Ug'mci f'ck b" 'hWUb'hU_Y'a Ubm
Zcfa gžZca 'XY`]VYfUh'`WXYUh]b['h'UWV]XYbhU`miW'cdm]b['Zca 'U'gci fW'k]h'ci hUW_bck `YX[Ya Ybh'

I BGK '[fci dg'd`U[]Uf]ga ']bh' hY`Zc`ck]b['WU]h[cf]Yg.

7cdm]b[.i g]b['hY`gUa Y'cf'j Yfmg]a]Uf'k cfXg'h' hY'cf][]bU`hI hcf']XYU'k]h'ci hUW_bck `YX[]b['hY

- i bXYfghUbx'mci f'f][\hg'UbX'fYgdcbg]V]h]Yg'Ug'U'gh XYbhUhl BGK
- VY'Uk UfY'cZd'U[]Uf]ga ž'Wc'dmf][\hž' BGK 'Gh XYbh7cXY'cZ7cbXi W'Ubx'5W'W'dhUV'Y'I gY'cZ I BGK '⇒H'F'Ygci f'W'g'Dc`]W'h
- VY'Uk UfY'cZ'Y'ghUbxUfXg'cZVY\Uj]ci f'YI dY'W'X'cZYj Yfmcby']b'h'Y'I BGK 'W'a a i b]m
- 'cW'W'h'gYfj]W'g'UbX'j]bZ'fa U]cb'UVci hl BGK 'UbX'I BGK '@]VfUfm

Gca Y'cZ'Y'gY'UfY'Ug'k]''VY'ZJa]]Uf'hc'mci ž'c'h'Y'fg'k]''VY'bYk "; U]b]b['U'gc'X'i bXYfghUbx]b['cZU''h'Y fY'U'Y'X'UgdY'W'g'cZ9@-G9'k]''\Y'd'mci 'a U_Y'h'Y'a cghcZmci f'gh X]Yg'Uhl BGK ""

[\h'hd.##ji V'Y'W'i \]X'Y'g" \]V'f'U'f'm'i b'gk "Y'X'i "U'i #' \]g'Y'#\]V'c'i h' \]g'Y](#)

5 WUXYa]W]bZcfa Uh]cb`

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

- fYei Yghg`Zcf`YI hYbg]cb/
- `UhY`gi Va]gg]cbg`[i]XY`]bYg/
- fYj]Yk `cZa Uf_g/
- I BGK `<YU`h`UbX`GUZY`midc`]WYg/
- YI Ua]bUh]cb`dfcVWXi fYg/
- gdYW]U`Vc]bg]XYfUh]cb`]b`hY`Yj Ybhcz]`bYgg`cf`a]gUXj Ybh fY/
- ghi XYbhYei]hmUbX`X]gUV`]`]m/
- UbX`chYf`YggYbh]U`UWUXYa]W]bZcfa Uh]cbz`gYY