



# ARTS1900

; YbXYfYX<sup>\*</sup>K cfXg. =bhfcXi Wgcb<sup>\*</sup>hc<sup>\*</sup>; YbXYf<sup>\*</sup>Gh<sup>\*</sup>X]Yg

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

# 7 ci fgY<sup>·</sup>Cj Yfj ]Yk

# GHJZZ7cbHJWh78YHJ]`g

### 7cbj Ybcfg

B Ua Y	9a U]`	5j U]`UV]`]m	@cWUhjcb	D∖cbY
NcfU`G]a ]W		Hi YgXUmi‰1‰ž K YXbYgXUmi&!' `cf VmUddc]bha Ybh	A cfj Yb 6fck b ' ( +	\$&`-' , ) %+' *

### Hihcfg

B Ua Y	9a U]`	5j U]`UV]`]m	@cWUhjcb	D∖cbY
Gcd\]Y`FcV]bgcb	gcd\]Y"fcV]bgcb4 i bgk "YXi "Ui	6mUddc]bhaYbh! YaU]``hc`aU_Y UffUb[YaYbhgžcf WcbhUWhiNcfU		

## GWXcc`7cbHJWhr≢bZcfaUh]cb

GWXcc``cZ<iaUb]h]Yg'UbX'@Ub[iU[Yg

# 7ci fgY<sup>·</sup>8YHJ]`g

### 7 fYX]hDc]bhg<sup>·</sup>\*<sup>·</sup>

### Gi a a UfmcZh\Y'7 ci fgY

#### Gi VYW65fYU. 9W VWdEfgV[We"

H\]g`WcifgY`WUb`U`gc`VY`ghiX]YX`]b`h\Y`Zc``ck]b[`gdYW]U`]gUh]cb.`: [efack

H\]gʻWci fgY`]gʻUbʻ]bhfcXi Wijcbʻncʻh\Yʻgh XmcZk ca Ybž[YbXYfʻUbX`gYl i U`]hjYgʻh\fci [\`h\Y`ZfUa Yk cf\_gʻcZ k cfX`\]ghcfmUbX`Wicgg!W``hi fU``UbU`mg]g"`Mci `k]``VY[]b`k]h`ei Yghjcbgʻh\UhUfY`Z bXUa YbhU``hc`[YbXYf ghi X]Ygʻ-gi W.`Ugʻʻk \Uh]gʻ[YbXYf3'`-UbX`hfUWf`h\Ya `UWfcggʻhja Y`UbX`d`UWf`hc`XYa cbghfUhY`\ck `[YbXYf ]bhYfgYWfg`k]h`fUWfžWUggžgYl i U`]miUbX`ch\Yf`a Uf\_Yfg`]b`X]ZYfYbh\]ghcf]WU``UbX`W``hi fU``WcbhYl hg"`Mci k]``Wcbg]XYf`\ck `fY`][]cbžWc`cb]U`]ga žbUhjcbU`]ga `UbX`Wfcgg!W``hi fU``VcbhUWfg`\Uj Y`g\UdYX`UbX ]bZi YbVWX`[YbXYf`fc`Yg`UbX`fY`Uhjcbg"`H\Y`Wci fgY`k]``U`gc`]bhfcXi Wf`mci `hc`\_YmXYVUhYg`UbX XYj Y`cda Ybhg`]b`[YbXYf`ghi X]Yg`UbX`[YbXYf`\]ghcfmžZica `h\Y`ei Ygh]cb`cZh\Y`fc`Y`cZ[YbXYf`]b`YUf`m a cXYfb`k]hWX!\i bhgžih\fci [\`>i X]h`6i hYf'g`]bZi YbhJU`'h\Ycf]g]b[`cZ[YbXYf`UbX`Ya VcX]a YbhžUbX`h\Y Ya Yf[YbWf`cZhfUbg`ghi X]Yg`UbX`]bhYfgYWijcbU`'h\Ycfm"

### 7cifgY@YUfb]b[CiHWcaYg

- %" FYWc[b]gY`\ck`WUggžfUWF`UbX#cf`gYIiU`]hm`]bhYfgYWhg`k]h\`[YbXYf`]b`X]ZYfYbh\]ghcf]WU``UbX W``hifU``WcbhYIhg"
- &" =XYbhjZm\_YmWcbWYdhg`]b`[YbXYf`UbX`ZYa]b]ghighiX]Yg`]b`k f]hhYb`UbX#cf`jYfVU``Zcfa"
- ' " 7 cbgłfi WiUf[i a Ybłg`XfUk ]b[`cb`ZYa ]b]ghUbX`[YbXYf`gVXc`Ufg\]d`]b`k f]łłłYb`UbX#cf`j YfVU``Zcfa "

### HYUW ]b[ GhfUhy[ ]Yg

H\]gʻWci fgY`]gʻUbʻ]bhfcXi Wijcbʻhcʻ; YbXYfʻGh X]Ygʻ]bʻk \]Wi mci ʻk ]``HU\_YʻU`\]ghcf]WU``UbX`Wfcgg!W``h fU` UddfcUWi hc`\Y`d`mci ʻi bXYfgHUbX`\ck `[YbXYfʻfc`YgʻUbX`XmbUa ]Wgʻ\Uj Y`Ya Yf[YXžWiUb[YX`UbX`j Uf]YX UWfcggʻhja Y`UbX`d`UWY'''=h`]gʻU`gc`XYg][bYX`hc`XYYdYb`mci f`g\_]``gʻ]b`Wf]hjei ]b[`gWic`Ufm`]hYfUhi fYž Wcbghfi Wijb[`mci f`ck b`Uf[i a Ybhg`UbX`WcbXi Wijb[`fYgYUfWi''@YWi fYgʻk]``dfcj ]XY`Wfi WjU``VUW\_[fci bX ]bZcfa Uhjcb`UbX`]bhfcXi Wi`mci `hc`\_YmXYVUhYgžh\]b\_Yfg`UbX`h.Ya Ygʻ]b`; YbXYf`Ghi X]Yg'''K YV`WcbhYbhk]`` dfcj ]XY`; YbXYf`Ghi X]Ygʻ]b`U`hYfbUh]j Y`Zcfa Uhgžgi Wi`UgʻdcXWUghg`UbX`XcW a YbhUf]Yg'''=b`h hcf]U`gžmci `k]`` dUfh]WjdUhY`]b`]b!XYdh`X]gW gg]cb`cZh.Y`gWic`Ufg\]d`UbX``YVMi fY`a UhYf]U`ž[i ]XYX`Vmhi hcf]U` ei Ygh]cbg'''H\Y`hYUWi]b[`ghfUhY[m]g`hc`YbWci fU[Y`mci f`Wf]h]WU``Yb[U[Ya Ybhk]h.`Wci fgY`a UhYf]U``UbX`hc \Y`d`XYj Y`cd`mci f`k f]hhYb`UbX`j YfVU``Wca a i b]WUh]cb`h\fci [``WUgg`X]gW gg]cbžk f]hhYb`fYgdcbgYgžUbX ]bXYdYbXYbhfYgYUfWi"

# 5ggYgga Ybh

BchY.'U```UggYgga Ybhg`UfY`a Uf\_YX`ci hcZ%\$\$ži g]b[`dUggžWfYX]hžX]gh]bWf]cbž\][\`X]gh]bWf]cb`[fUXY fUb[Y"``H\YgY`[fUXYg`UfY`YI d`U]bYX`\YfY.

<u>\hhdg.##ghi XYbh'i bgk "YXi "Ui #fUXY</u>

#### FYZYfYbWJb[ 'gmghYa g.

KY'dfYZYf'h\Y': cchbchY#V]V`]c[fUd\mgmghYa ž'U`gc'\_bckb'Ug'ClZcfX'cf'7\]WU[c"'GYY.

<u>\htdg.##ghi XYbh'i bgk "YXi "Ui #cchbchY!V]V`]c[fUd\mtcf!cl ZcfX!fYZyfYbW]b[!gmghYa</u>

< ck Yj Yfžk Y fYU`]gY a UbmicZmci 'UfY a cfY i gYX hc ]b!hYl higmghYa g"'=b h\UhWUgYžk Y fYWca a YbX mci i gY Ub ]b!hYl hifYZYfYbW]b[ 'ghmY h\Uh]bWi XYg dU[ Y bi a VYfgžgi W\ 'Ug < Ufj UfX cf 5D5.

<u>htdg.##ghi XYbh'i bgk "YXi "Ui #\Ufj UfX!fYZYfYbW]b[</u>

<u>\hhdg.##ghi XYbh'i bgk "YXi "Ui #UdU</u>

#### DfYgYbhUh]cb.

: cf`k f]hhYb`UggYgga Ybhgž'k Y`fYWca a YbX`‰`dc]bhZcbhž'%')!Xci V`Y`gdUW]b["`5`k Umg`ghUhY`h\Y`ei Ygh]cb`i d hcdž'dfYZYfUV`m`]b`Vc`X"

### 5ggYgga YbhHUg\_g

5ggYgga YbhˈtJg_	K Y][ \h	8iY'8UHY	GhiXYbhi@YUfb]b[ CihWcaYgʻ5ggYggYX
Hi hcf]U``F YgdcbgYg`	(\$1	Bch5dd`]WUV`Y	%ž&
F YgYUfWX 'YggUmi	(\$1	\$* <i>#%#</i> &\$&\$`\$(.\$\$`DA	

UggYgga Ybh]g"( \$i "

: YYXVUW\_j ]U`]bX]j ]Xi U``Wca a Ybhgžfi Vf]WUbX`]b!WUgg`X]gW gg]cbžk ]h\]b`U`k YY\_`cZgi Va ]gg]cb`Zcf`h\Y Z]fghifYgdcbgY`UbX`k ]h\]b`hYb`XUng`Zcf`gi VgYei YbhcbYg"

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

EiYgh]cbg. `H\Y`eiYgh]cbg`UfY`dcghYX`cb`AccX`Y`]b`h\Y`kYY\_`m'Zc`XYfg"

FYZYfYbW]b[..KYXcifYei]fYifYZYfYbW/giZcfih,]giUggYggaYbh!i]XYU``mZcchochYgžVihWUbiU`gciigYi]b!hYlhž dfcj]XYXimcii]bWiXYidU[YibiaVYfifYZg"i=Zig]b[iZcchochYgžimciiXcibchbYYXihcigidd`mU`V]V`]c[fUd\mUg h\YiZcchochYWcbhU]bgih\Yi]bZcfaUh]cb"i=Zig]b[i]b!hYlhžid`YUgYidfcj]XY'U`fYZYfYbWY``]gh'

FYgYUfWX. Mci 'UfY'bchYl dYWYX'hc'fYUX'#`]gHYb'VYncbX'h\Y'gYhW6bHYbhZcf'h\Y'k YY\_ž'bcf'UfY'nci Yl dYWYX'hc'i gY'U``'h\Y'a UHYf]U`'hc'Ubgk Yf'U'ei YgH]cb'! i gY'h\Y'a UHYf]U`'a cghifY`Yj Ubhhc'h\Uhei YgH]cb" Gca Y'ei YgH]cbgž'Zcf'Yl Ua d`Yža UmVY'UVci hcbY'gdYW]Z]WHYl hcf'dcXWUghcf'XcW a YbHUfm'

Gi Va ]gg]cb`bchYg.Gi Va ]himci f`h hcf]U`fYgdcbgY`hc`h\Y`WcffYgdcbX]b[`k YY\_'!`Y"["`]Zmci `Ubgk Yf`U`K YY\_ (`ei Ygh]cbžgi Va ]hhc`h\Y`K YY\_`(`Hi fb`≢i=b``]b\_"

Hi fb]h]b`gYh]b[.`H\]g`Ugg][ ba Ybh]g`gi Va ]hhYX`h\fci [ \`Hi fb]h]b`UbX`gh XYbhg`Xc`bchgYY`Hi fb]h]b g]a ]`Uf]hmifYdcfhg"

5ggYgga Ybh& FYgYUfW YggUm

GHUfh'XUhY.

@Yb[h\.\*&\$\$\$\*k cfXg

8YHJ]`g.

Ghi XYbhgʻk f]hYʻUbʻYggUmifUddfcI ]a UhYʻmi&\$\$\$`k cfXgŁVUgYXʻcbʻ]bXYdYbXYbhifYgYUfWX"`E i Ygh]cbgʻUfY XfUk bʻZica ʻWci fgYʻh\Ya Yg"

: YYXVUW\_j ]U`]bX]j ]Xi U``Wca a Ybhg`UbX`fi Vf]Wzk ]h\]b`hYb`XUmg`cZgi Va ]gg]cb"

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

EiYgh]cbg.:H\Y`YggUmeiYgh]cbg`k]```fY`UhY`hc`h\Y`YWhifY#hihcf]U``hcd]Wg`UbX`k]```UddYUf`]b`h\Y`kYY\_`m Zc`XYfg`cb`A ccX`Y"`EiYgh]cbg`fY`UhY`hc`K`YY\_g`&!, "`

FYgYUFWX. 'Ghi XYbhg'UFY'YI dYWAYX'hc'XfUk 'cb'U'a ]b]aia'cZ\*!, 'gci fWYg'Zcf'U'fYgYUFW\'YggUm!']"Y" 'ci fbU``Ufh]WYgžVcc\_'W\UdhYfgžgYWAjcbg'cZVcc\_g"'=bhYfbYhfYgYUFW\'fY"["'K ]\_]dYX]UEg\ci`X'VY'\_Ydhhc'U a ]b]aia'f&\$i`aUIE"'@Y[Ubhc'k]``WcbHU]b'YI hfU'fYUX]b['Zcf'YUW\'kYY\_faihcd]Wgc'mci'k]``\Uj Y'd'YbhnicZ W fUhYX'aUhYf]U``hc'XfUk 'cb" **FYZYfYbW]b**[.:9ggUmg'a i ghVY'Z ``mifYZYfYbWYX'!ZcchbchY#V]V`]c[fUd\miCF']b!hYI h#fYZYfYbWY``]ghifk Ufj UfX cf'5D5zcbY'cZh\Y'gmghYa g'k \]W\']bWi XYg'dU[Y'bi a VYf'fYZg']b']b!hYI hfYZk \YfY'fY`Yj UbhZ''

BchY.Zfh\Yf`YggUm[i]XUbWY`k]``VY`dfcj]XYX`]b``YWfifYgž]b`hihcf]U`g`UbX`cb`AccX`Y`]b`h\Y`YggUmZc`XYf gYWf]cb"

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' . 7`Ugg'hYgh

GHUfh'XUhY.

8YHJ]`g.

Ghi XYbhgʻg]hUʻWUggʻhYgh]bʻh\YʻZ]bUʻʻhi hcf]Uʻ"'H\YʻhYghk ]``]bWi XYʻa i `h]d`YʻW\c]WYʻUbXʻUʻg\cfhYggUmUbX k]```hYgh\_bck `YX[YʻcZh\YʻWci fgYʻUgʻU'k \c`Y"

Ghi XYbhgʻk ]```fYVY]j YʻUʻ[ fUXYʻj ]UʻA ccX`Yʻk ]h\]bʻhYbʻXUmgʻcZg]hh]b[ ʻh\YʻhYghʻ

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

: i fh\Yf`XYHJ]`g`hc`VY`dfcj ]XYX`cb`A ccX`Yž`]b`h`hcf]U`g`UbX`]b`h\Y`K\_YY\_`%\$``YWh`fY"`8c`[Yh`]b`hci W\`k\_]h NcfU`k Y```VYZcfY`h\Y`hYgh]Zmci `\Uj Y`UbmigdYV]U``fYei ]fYa Ybhg": cf`gh`XYbhg`k \c`\UhY`hYghgž`YhNcfU fYUggi fY`mci .`h\]g`hYgh]g`bchXYg][ bYX`hc`di b]g\`mci ž`Vi hhc`YbWci fU[ Y`mci `hc`fYZYWhcb`k \Uhmci Yb`cmYX``YUfb]b[ `UVci hfcf`X]Xbffhz`hc`h\]b\_`UVci hh\Y`WcbWYdhg`mci `Zci bX`a cghi gYZ``UbX`h\Y`k\_]XYf Udd`]WUV]`]mcZh\Y`Wci fgY"

Gi Va ]gg]cb bchYg. ₺ WUgg UggYgga Ybh

### FYgci fWg

### DfYgWf]VYX F Ygci fWfg

H\Y'WcbhYbhZcf'YUWX'k YY\_`ffYUX]b[gžXcW'a YbhUf]YgʻUbX'dcXWUghgŁk]``VY``]ghYX'cb'A ccX`Y"`5``fYUX]b[g k]``VY`Uj U]`UV`Y`j ]U`@Y[Ubhc"`5```ch\Yf'WcbhYbhk]``Y]h\Yf'VY`Uj U]`UV`Y`j ]U`@Y[Ubhc`cf'h\fci [\``]b\_g`cb A ccX`Y"

#### FYWca a YbXYX<sup>-</sup>FYgci fWYg

H\YfY`]g`bc`gYhHYI hZcf`H\]g`Wci fgYžH\ci [\`gh XYbhg`a UmZ]bX`DYHYf`GHYUfbgž'9 W VWd[`I adV : [efack fj Uf]ci g`YX]h]cbgŁ'i gYZ ``!`a i `H]d`Y`Wcd]Yg`UfY`Uj U]`UV`Y`]b`H\Y``]VfUfm'

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

H\]gʻ]gʻUʻ\][\`dYfZcfa]b[`WcifgY`]bʻHYfagʻcZghiXYbhZYYXVUW\_žVihkYʻaU\_YʻgifYʻhcʻaU\_YʻbYkʻW\Ub[Yg YjYfmmYUfʻhc`\_YYdʻh\YʻWcifgYʻZYg\`UbX`fY`YjUbhUbX`hc`fYgdcbX`Zfca`HYff]Z]Wgi[[Ygh]cbgʻZfca`ghiXYbhg" KYʻkYʻWcaY`]bZcfaU``ZYYXVUW\_`UhUbmgHU[YʻXif]b[`h\Y`HYfa`UbX`YbWcifU[Y`UgʻaUbmghiXYbhgʻUg dcgg]V`Y`hc`dfcj]XY`ZcfaU``ZYYXVUW\_`j]U`Am9IdYf]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]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 UHjcb'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

: cf<sup>·</sup>YggYbhJU<sup>··</sup>gh XYbh<sup>·</sup>]bZcfa UhJcb<sup>··</sup>fY<sup>·</sup>UhJb[<sup>··</sup>hc.

- fYei YghgʻZcfʻYl hYbg]cb/ •