



ARTS1660

hfcXi Wcfm? cFYUb '5

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

7ci fgY'8YHJ]`g

7fYX]h'Dc]bhg '*`

Gi a a UfmcZh\Y'7ci fgY

5ggYgga Ybh

5ggYgga YbhHUg_g

5ggYgga YbhHUg_	K Y][\h	8i Y'8UH	Gh XYbh@YUfb]b[Ci hWta Yg'5ggYggYX
A]X!HYfa 'HYgh	' \$i	⊖'K YY_)	%ž'&ž(
DfYgYbhU]cb'	&)i	: f]XUmžK YY_ '%\$	%ž' ž)
:]bU''9i Ua '	()i	: cfa U''9i Ua 'DYf]cX	&ž(ž)

5ggYgga Ybh8YHJ]`g

5ggYgga Ybh% 'A]X!HYfa 'HYgh

GhUfhXUH. 'Bch5dd]WUV`Y

@Yb[h. '&\ci fg

8YHJ]`g.

H\Y'A]X!HYfa 'HYghfi bg'Zc'fk c'\ci fg'UbX'Wcbg]gh'cZei Ygh]cbg'cb'dfcbi bWU]cbžj cWUvi 'UfmUbX
[fUa a Uh]W'dUfhYfbg'Ug'k Y''Ug'Wta dfY\Ybg]cb'ei Ygh]cbg'hc'hYghk \Uh\Ug'VYYb''YUfbh'hi g'ZJF"

: YYXVUW_k]''VY'[]j Yb]bX]j]Xi U''m'hYghg\YYhg'k]''VY'fYh fbYX'hc'mci 'k]h'a Uf_g'UbX'Wta a Ybthg"

Hi fb]h]b'gYH]b[. 'H\]g']g'bchU'Hi fb]h]b'Ugg][ba Ybh

5ggYgga Ybh&. 'DfYgYbhU]cb

GhUfhXUH. 'Bch5dd]WUV`Y

@Yb[h. 'Hc'VY'Z]bU'gYX'h'fci [\ 'WUgg'X]gW'gg]cb

8YHJ]`g.

9i dfYgg]b['mci fgY'Z]b'gdYYW'cf'Wcbj YfgU]cb]'b'? cfYUb'VUgYX'cb'hY'gW]dhdfYdUFYX''H\Y'dfYgYbhU]cb
k]''VY'Z]a YX'UbX'gi Va]hYX'Y'YW'fcb]WU''m'H\Y'hc'd]Wgžk \]W'g'ci 'X'VY'fY'Yj Ubh'hc'hY'7'ci fgYž'hY'a cXYž
k \Y'hY'f'gdYYW'cf'Wcbj YfgU]cbž'UbX'fi bb]b['h]a Y'cZ'hY'j]X'Ycžk \]W'g'ci 'X'bchVY'a cfY'h'Ub
) 'a]bi h'g']b'WUgY'cZgdYYW'UbX'%'a]bi h'g']b'WUgY'cZ'Wcbj YfgU]cbž'UFY'hc'VY'Z]bU']gYX'h'fci [\ 'WUgg
X]gW'gg]cb"

⊖X]j]Xi U''ZYXVUW_/a Uf_g'UbX'Wta a Ybthg'k]''VY'Ya U]YX'hc'mci "

Hi fb]h]b'gYH]b[. 'H\]g']g'bchU'Hi fb]h]b'Ugg][ba Ybh

5ggYgga Ybh' . :]bU''9i Ua

	Hi hcf]U'	DfUW]W'k cfXg'UbX'dUHyfbg'jb'l b]h+'Wcbh]bi YX"
	Hi hcf]U'	DfUW]W'k cfXg'UbX'dUHyfbg'jb'l b]h, "
K YY_-'&*'>i`m!" \$>i`m	@YWh fy	HU_]b['UVci hZ hi fy'd`Ubg"'9l dfYgg]b['k Ubhgž]bWdUV]]mUbX'WcbhfUghg"'l g]b['XYgW]dh]cb'j YfVg" l b]h- '7cbj YfgU]cb
	Hi hcf]U'	DfUW]W'k cfXg'UbX'dUHyfbg'jb'l b]h, 'Wcbh]bi YX"
	Hi hcf]U'	DfUW]W'k cfXg'UbX'dUHyfbg'jb'l b]h- "
K YY_%.&'5i [i gh! '* 5i [i gh	@YWh fy	l g]b['?cfYUb'J YfVg'fl E`h\Y'Dc`]hY': cfa U`GhmY" 9l dfYgg]b['k \Yfy'k Y'Ufy'Zca "'l b]h%\$ 7cbj YfgU]cb
	Hi hcf]U'	DfUW]W'k cfXg'UbX'dUHyfbg'jb'l b]h- 'Wcbh]bi YX"
	Hi hcf]U'	DfUW]W'k cfXg'UbX'dUHyfbg'jb'l b]h%\$"
	5ggYgga Ybh	DfygybhU]cb'Xi Y"

g

'F Ygci fWg'

-G\]bž; 'UbX'5'6i nc'k]h '>MUb['UbX'7'?]a "'f&\$&\$E"'=adMS` ['3Uf[a` , 4aa] #'K YV
b"

ca '=adMS` ['3Uf[a` , 4aa] #'K YV'9X]hcb'UbX'hY'gci bX'Z'Yg'UfY'Uj U]UV'YžZ'YY'cZWUf[Yž
Ybtg:]b'5F HG%* '\$j]U'A ccX'Y"

hYa [c'hc'hY'f#YI hVcc_'a UHyf]U'gfZc'XYf'cb'mci f'A ccX'Y'dU[Y'UbX'W]W_'YUW'cZH'Y'Z'Yg"
dUfng'cZH'Y'HYI hVcc_'9I d'UbU]cbg'UbX'K cf_Vcc_žYUW'cZk \]W'W'bg]gh'cZ%\$'i b]hg
YbYX'UbX'df]bHY'Vm5WcVUhF YUXYf" H\YmUfY]DUXg'UbX'5bXfc]X'HUV'Yhg'Z]YbX'mf
['Gci bX'Z'Yg'UfY'Zc'f'hY'9I d'UbU]cbg'dUf'hc'b'nž'cf[Ub]gYX']bhc'%'\$'ddh' Z'Ygžk \]W'W'Wb'VY
\$'Dck YfDc]bH"

WYX'hc'df]bhici h'mci f'ck b'W'c'mcZH'Y'HYI hVcc_'UbX'hc'i gY'hY'gci bX'Z'Yg'Zc'f'ghY'b]b['UbX
dfUW]W'Zc'f'U'a]b]a i a'cZ'k c'\ci fg'dYf'k YY_"

h Uh'hYmUfY'U' W'c'dmf][\hYX'a UHyf]U'g"8c'bchX]ghf]Vi hY'UbmcZH'Ya 'k]h'ci h8f';]
k f]hY'b'W'c'bgYbH"

XYX'F Ygci fWg'

i>UY'>i b['Gcb["'f&\$&\$) E"'FZW=adMS` >S` YgSYW E fdgUfgdW GeWS` V 5a` fWj fž@cbXcb.
X[Y"

Y'='C b!]bY'"GY'čb['? cfYUb'"Vm?]b['GY'čb['bgh]h hYžGYci 'ž? cfYU"

Gi Va]gg]cb`cZ5ggYgga YbhiHUg_g

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

≠mci`YbWci bHf`U`dfcV`Ya`k`Yb`UH`Ya`dh]b[`hc`gi Va`]hirci f`Ugg][`ba`YbhiH`fci [`\`Hi`fb]h]bž`d`YUgY`
H`Yd\cbY`9I`H`fbU`Gi`ddcfhcb`-`,`)`"``'`%cf`Ya`U]`H`Ya`cb`YI`H`fbU`H`hgi`ddcfh4`i`bgk`"YXi`"Ui`"Gi`ddcfh

5 WUXYa]W< cbYgmiUbX`D`U[]Uf]ga

D`U[]Uf]ga `]g`i`g]b[`h`Y`k`c`f`X`g`c`f`]X`Y`U`g`c`Z`c`h`Y`f`g`i`U`b`X`d`f`Y`g`Y`b`h]b[`h`Y`a` `U`g`m`c`i`f`c`k`b`" `#`W`U`b`h`U`_`Y`a` `U`b`m`
Z`c`f`a`g`Z`Z`c`a` `X`Y`]V`Y`f`U`h`Y` `W`X`Y`U`h]b[`h`c` `U`W`W`Y`X`Y`b`h`U` `m`i`W`c`d`m]b[`Z`c`a` `U`g`c`i`f`W` `k`]h`c`i`h`U`W`_`b`c`k` `Y`X[`Y`a` `Y`b`h`

I`B`G`K` `[`f`c`i`d`g`d`U[]Uf]ga `]b`h`c` `h`Y` `Z`c` `c`k`]b[`W`U`h`Y`[`c`f`]Y`g.

- i bXYfgHUbX'mci f'f][\hg'UbX'fYgdcbg]V']hYg'Ug'U'gh XYbhUhl BGK
-

5 WUXYa]WbZcfa Uh]cb

: cf`YggYbh]U`gh XYbh]bZcfa Uh]cb`fY`Uh]b[`tc.

- fYei Ygh]Zcf`YI H`bg]cb/
- `Uh`gi Va]gg]cbg`[i]XY`]bYg/
- fYj]Yk `cZa Uf_g/
- I B GK `<YU`h`UbX`GUZY`midc`]WYg/
- YI Ua]bUh]cb`dfcW`Xi fYg/
- gdYW]U`W`bg]XYfUh]cb`]b`hY`Yj YbhcZ]`bYgg`cf`a]gUXj Ybh fY/
- gh XYbhYei]mUbX`X]gUV`]m/
- UbX`c`hYf`YggYbh]U`UWUXYa]W]bZcfa Uh]cbž`gYY