



## ARTS1250

< i a Ub'; Yc[ fUd\m'GcWYmž'GdUW'UbX'HYff]rc fm

HYfa`Cby`#`&\$&%

7ci fgY`Cj Yfj ]Yk

GHJZZ7cbHJW`8YHU]`g

7cbj Ybcfg

B Ua Y	9a U]`	5j U]UV]]m	@cWJhcb	D\cbY
A Uf]i `A Y`c`Ni f]HJ	a Uf]i "a Y`c4 i bgk "YXi "Ui	7\YW_A ccX`Y	' *%A cfj Yb 6fck b	

GWXcc``7cbHJW`bZcfa Uh]cb

GWXcc``cZ<i a Ub]hYg`UbX:@Jb[ i U[ Yg

@cWJhcb. GWXcc``C Z]WZA cfj Yb`6fck b`6i ]X]b[ ž@Yj Y``&ž&),

Ce            %o            %o            %o            %o            %o            %o

7ci fgY'8YHJ]`g

7fYX]hDc]bqg`\*`

Gi a a UfmicZh\Y'7ci fgY

H\Y'X]gW]d`]bY'cZ\i a Ub`[ Yc[ fUd\mYI d'cfYg'h\Y'YbHUb[ `YX'fY'U]hcbg\]dg'VYfk YYb'dYcd'YžYbj ]fcb a Ybh UbX'd'UWYg`]b'h\Y'k cfX" `b'h]g'Wci fgYžmci `k ]`XYj Y'cd'U'Zci bXU]hcbU`i bXYfghUbX]b[ `cZ\ck `W`h fUž gcW]Uždc`]h]W`UbX'YWcbca ]WXmbUa ]Mg'g\UdY`UbXgWUdYgžh\YgY'VY]b[ `fi fUž'i fVUbž]b`hfUbg]hcbg'cf 'bUhi fU`"Mci `k ]`[ UfbYf'U'h\YcFYh]W`YI dYfh]gY'Zc'f]bhfdfYh]b[ `UbX'a U\_]b[ `gYbgY'cZX]ZYfYbhid'UWYgž'UbX \ck `h\YfY'UfY'g\UdYX'Vma i `h]d'Y'XmbUa ]Mg'UWfcgg'gW]Yg'fZca `h\Y'cW]`h'`h\Y'['cVU'`H\Y'Wci fgY WcbhYI h]g`]bZfa YX'VmWcbhYa dcfUfmUbX'd]cbYf]b[ `fYgYUfVX `]b`li a Ub`[ Yc[ fUd\mž'UbX'mci `k ]`W]h]W`m YI d'cfY'fYgYUfVX `W]gY'gh X]Yg'h\UhfY'XfUk b'Zca `U'a ]l `cZ5i ghfU]Ub'UbX'`bhfU]hcbU`YI Ua d'Yg"

7ci fgY'@YUfb]b[ `Ci hWca Yg

%`I bXYfghUbX'U'k ]XY'fUb[ Y'cZ[ Yc[ fUd\]W]`gi V!Z]Y'Xg'h\Uha U\_Y'i d'h\Y'X]gW]d`]bY'cZ<i a Ub ; Yc[ fUd\m &" 8Yj Y'cd'U'WcbWdhI U`i bXYfghUbX]b[ `cZd'UWY'UbX'gdUWY ' " ðYbh]žž'UbU'mgY'UbX'YI d'U]b`\ck `[ Yc[ fUd\]W]`gW]Uf'Zc'fVW'g\UdY`UbXgWUdYg (" 8Yj Y'cd'[ Yc[ fUd\]W]`UbU'mgYg'cZW]gY'gh X]Ygž'k ]h'XYa cbghfU]hX'UV`]mihc`UggYa V'Yž gmbh\Yg]gY'UbX'Wca a i b]W]hY'Z]bX]b[ `g'UbX'`bhfdfYh]hcbg

HYUWX]b[ `GhfU]hY[ ]Yg`

Hk c!\ci f`YW]h fY/cbY'h' hcf]U'/cbY'\ci f'cb`]bY" `Cj Yf' - `k YY\_g"

9UWX `k YY\_g'WcbhYbhk ]`VY'ghfi W]h fYX'Ufci bX'U'gdYW]Z]Wgi V!X]gW]d`]bY'fY"[ "ž9Wcbca ]W; Yc[ fUd\m/ Dc`]h]W]` ; Yc[ fUd\mYhW]b`<i a Ub ; Yc[ fUd\m'`k ]` ]bj c`j Y'Ub ]b]fcXi W]hcb`h'`h\Y'gi V!X]gW]d`]bY'Vm]hY Wci fgY'Wcbj Ybcfž'Zc`ck YX'VmU`[ i Ygh'YW]h fY'Zca `k ]h]b` : UW `hmg]h]ZZa Ya VYf'k `c`]g'U'gdYW]U]gh]b`U gi V!Z]Y'X" `H\Y' [ i Ygh'YW]h fY'k ]`ZcW'g'cb`\][ \ ] [ \]b[ `h\Y'fY'Yj UbVW'cZh\Y'gi V!h\Ya Y'h'fci [ \` [ fci bXYX W]gY'gh XmiYI Ua d'Yg"



) \$\$'k cfXg"

Hi hcffg'ZYXVUW\_[ ]j Ybz"b\_YX'hc'fi Vf]WZcf'hY'UggYgga Ybh"

Hi fb]hb'gYhb[ . 'H\]g'Ugg][ ba Ybh]g'gi Va ]hX'h'fci [ \ 'Hi fb]hb'UbX'ghi XYbhg'Xc'bcgYY'Hi fb]hb  
g]a ]Uf]mfYdcfgy"



F Ygci fWg

F YWca a YbXYX'F Ygci fWg

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

Gi Va ]gg]cb`cZ5ggYgga YbhiHUg\_g

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

Ʒmci`YbWci bHYf`U`dfcV`Ya`k` \Yb`UHYa` dh]b[`hc`gi`Va`]hmc`i`f`Ugg][`ba`YbhiHfci`[`\`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`f1`\*)`XUmg`U`mY`Uf2`Ʒmci`  
UfY`i`bUV`Y`hc`gi`Va`]hmc`i`f`Ugg][`ba`YbhiXi`Y`hc`U`ZU`ihk`]h`Hi`fb]h]b`mci`a`UmUdd`mZc`f`Ub`YI`HYbg]cb`z`Vi`hmc`i`  
a`i`ghfYhU]b`mci`f`h]W`Yhbi`a`VYf`Zca`9I`HYfbU`Gi`ddcfhU`cb[`k`]h`Ubmc`h`Yf`fY`Yj`UbhXcW`a`Yb]gk`hc`  
]bWi`XY`Ug`Yj`]XYbW`hc`gi`ddcfhmc`i`f`YI`HYbg]cb`Udd`]W]h]cb`"Ʒmci`Ya`U]`9I`HYfbU`Gi`ddcfhmc`i`k`]`  
Ui`hca`U]WU`mifYW]j`Y`U`h]W`Yhbi`a`VYf`z`Vi`h]Zmci`HY`Yd`cbY`mci`k`]`bYYX`hc`gdYW]Z]WU`mUg`Zc`f`cbY`"  
Hi`fb]h]b`U`gc`dfcj`]XYg`i`dXUH`g`cb`h`Y]f`gmghYa`g`hU`h`g`cb`Hk`]hYf`"

;`YbYfU`mz`UggYgga`YbhiUg\_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`Ybhi`h]b]bg]h]b]Wg`k`YfY`h`g`]g`bchdcgg]V`Yz`]hk`]`VY`ghUHYX`cb`mci`f`Wci`fgY`g`A`ccX`Y`g]h`k`]h`  
U`HYfbU]h]`Y`gi`Va`]gg]cb`XYhU]g`"

:`cf]bZcfa`Uh]cb`cb`\ck`hc`gi`Va`]hUgg][`ba`Yb]g`cb]bY`j`]U`A`ccX`Y`.\`hdg`#gh`XYbhi`bgk`"YXi`"Ui`Ack`!  
gi`Va`]hUgg][`ba`Yb]h`a`ccX`Y`"



## 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]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
- VY'Uk UfY'cZd'U[ ]Uf]ga ž'Wcdmf][ \hžI BGK 'Gh XYbh7cXY'cZ7cbXi WñUbX'5WwdfUV'Y'I gY'cZ  
I BGK '⇒H'F Ygci fW'g'Dc`]Wñ
-

## 5 WUXYa ]W=Zcfa Uh]cb

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

- fYei Ygth]Zc`f`Yl H`bg]cb/
- `Uh`gi Va ]gg]cbg`[ i ]XY`]bYg/
- fYj ]Yk `cZa Uf\_g/