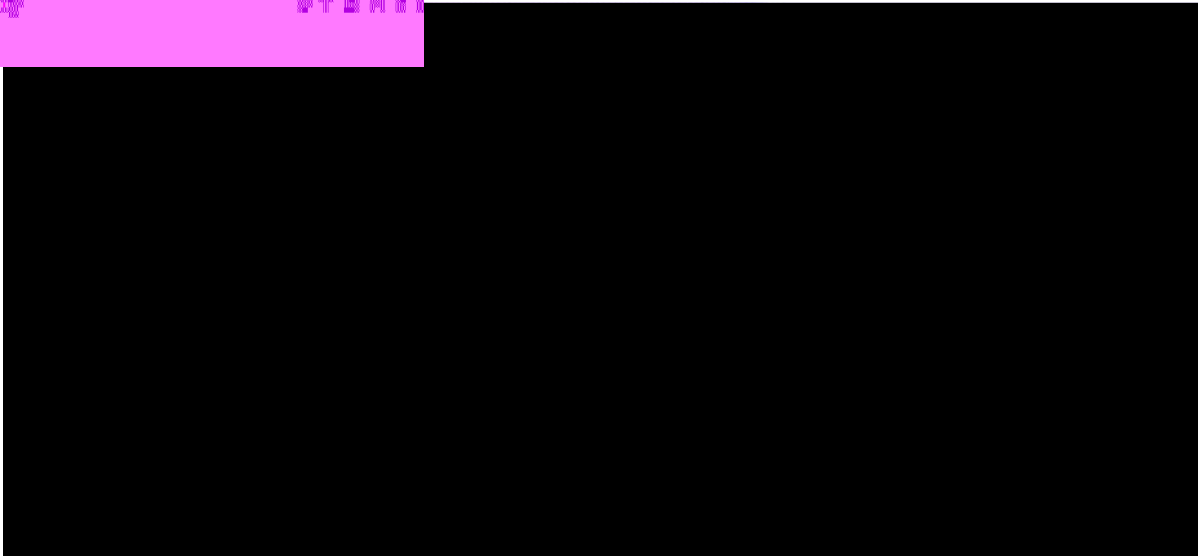


**ARTS3062**



7ci fgY`Cj Yfj ]Yk

GhJZZ`7cbhJW`i8YhJ]`g

7cbj Ybcfg

B Ua Y	9a U]`	5j U]`UV]`]m	@cW]h]cb	D\cbY
@]gU`HfU\U]f	@`hfU\U]f4 i bgk "YXi "Ui	VmUddc]bħa Ybh	F cca `&&* ž @Yj Y`&ž F cVYfh K YVghYf 6i ]X]b[	- ' , ) ) \$%% Vi hVYghc Ya U]`

GW\cc``7cbhJW`i`bZcfa Uh]cb

GW\cc``cZħY`5fng`UbX`A YX]U

F cca ` " %&ž@Y] Y`` ž F cVYfhK YVghYf`6i ]X]b[ `f] %Ł

D\cbY. `f\$&Ł- ' , ) `( , ) \*

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

K YVg]hY: [k.k.k "Ufng"i bgk "YXi "Ui #gUa](#)

H\Y`GW\cc``cZħY`5fng`UbX`A YX]U`k ci `X``]\_Y`hc`F YgdYW`m5W\bck`YX[ Y`hY`HfUX]h]cbU``7i għcX]Ubgž  
ħY`6YXY[ U`fP`Ybg]b[ ħcb`WJa di gŁž; UX][ U`f7 ]mUbX`5fhi/`8Yg][ b`7 Ua di gYgŁ`UbX`hY`B [ i bbUk U`  
dYcd`Y`f5i ghfU]Ub`8YZ`bW` : cfW`5WUXYa m]b`7 UbVYffUŁ`cZħY`UbXg`k \YfY`YUW`WJa di g`cZI`BGK`]g  
`cW]hYX"

7ci fgY'8YHJ]`g

7fYX]hDc]bqg`\*`

Gi a a UfmicZ\hY'7ci fgY

H\Y'ZJa ci g'&\$h'7Ybhi fmid\]cgc d\Yf'; ]`Yg'8Y'Yi nY'k fchY' ]b'\]g'Vcc\_g'cb'W]bYa U'hUh' ]h]g' bch  
gi Z]W]Ybhtc'Wca dUFY'hY' [ fYUhX]fYVtcfg'cZ]bYa U'k ]h' dU]bHYfgz'UFVX ]h'Wg'cf'Yj Yb'a i g]W]Ubg" H\Ym  
a i ghVY'Wca dUFYX'hc'h ]b\_Yfg"'6i hk \UhXcYg' ]hia YUb'hc'h ]b\_W]bYa Uh]W]'m3' b'hY'k U\_Y'cZ'hY'XYW]bY  
cZ]a 'hY'cfmUg'hY'i b]Z]b[ 'a Y'h'cXc'c[ micZ'hY'X]gW]d' ]bY'cZ]a 'ghi X]Yg'UbX'hY'Ya Yf[ YbW'cZ]a !  
d\]cgc d\miUg'cbY'cZgYj YfU' bYk 'UddfcUWX'Ygzh'h]g'Wci fgY' ]XYbh]Z]Yg'hY'ei Ygh]cb'cZ'hY' bUhi fY'cZ]a 'g  
h'ci [ \hUg'U'WcbW]fb'hUhXUH'g'VUW'hc'hY' ]bW]d]cb'cZ]bYa U": cW]g]b[ 'cb'hY' ]bXg'cZ'h ]b]b[ '  
i bXYf]U\_Yb'Vmgca Y'cZ'hY' [ fYUhX]fYVtcfg' ]b'hY' \]g]hc'fmcZ]bYa U—]bWi X]b[ 'k cf\_Vm9]gYbghY]bž  
7\Ud']bž< ]hW'W'W\_ž8fYm'fž'K Y''Ygž'F cggY'' ]b]ž'G]f\_ž? i Vf]W\_ž'HUf\_cj g\_nž'J cb'Hf]Yfž'UbX'A U]W—hY  
Wci fgY'k ]'' ]b]fcXi W'mci 'hc'hY'X]j Yfg] ]mcZ]W'bhYa dcfUfmUddfcUWX'Yg'hc'hY'ei Ygh]cb'cZ]bYa Uh]W  
h ]b\_]b[ 'fdgm'W'cUbU'm]W'W' [ b]h]j ]g]hž'gYa ]ch]W' d\]cgc d\ † † † gY' g

# 5ggYgga Ybh

GYY`A ccX`Y`Zc`f`[`YbYfU`UggYgga Ybh]bZc`fa`U`h`cb

## 5ggYgga YbhHUg\_g`

5ggYgga YbhHUg_	K`Y`[`\`h`	8i`Y`8UH`	Gh`XYbh`@YUfb]b[ C`i`hW`a`Yg`5ggYggYX
7c`UVcfUHj`Y`h`hcf]U` dfYgYbHUh]cb`UbX`fYUX]b[ YI`YfW]gY`	(`\$	gi`a`a`UfmXi`Y`cbY`k`YY`_`UZf` ZUW]`HUh]cb	%z&
F`YgYUfW`9ggUm	*`\$	```\$#\$,`#&\$&\$`\$)`.\$`\$`DA	%z&Z

## 5ggYgga Ybh8YHU]`g`

5ggYgga Ybh%`7c`UVcfUHj`Y`h`hcf]U`dfYgYbHUh]cb`UbX`fYUX]b[`YI`YfW]gY

GHUfhXUH`. `h`fci`[`\`ci`h`h`fa`

@Yb[`h`. `%)`\$\$`k`cfXg`

8YHU]`g`.

&`\`ci`f`h`hcf]U`ZUW]`HUh]cb`Z`%)`\$\$`k`cfX`gi`Va`]gg]cb`cZgi`a`a`UfmcZfY`Yj`UbhVcc`\_`W`UdhYf`"

Gh`XYbth`fYW]j`Y`ZYXVUW`\_`j`]U`Hi`fb]h]b`Zc`f`ZUW]`HUh]cb`UbX`fYUX]b[`YI`YfW]gYg`"

Hi`fb]h]b`gYH]b[`. `H\]g`Ugg][`ba`Ybh]g`gi`Va`]hYX`h`fci`[`\`Hi`fb]h]b`UbX`gh`XYbth`WU`b`gYY`Hi`fb]h]b`g)a`]`Uf]m`fYdcfth`"

5ggYgga Ybh&.`F`YgYUfW`9ggUm

GHUfhXUH`. `

@Yb[`h`. `&)`\$\$`k`cfXg`

8YHU]`g`.

&)`\$\$`k`cfXg`"H\]g`]g`h`Y`Z]bU`UggYgga YbhHUg\_`"

Gh`XYbth`fYW]j`Y`ZYXVUW`\_`j`]U`Hi`fb]h]b`"

Hi`fb]h]b`gYH]b[`. `H\]g`Ugg][`ba`Ybh]g`gi`Va`]hYX`h`fci`[`\`Hi`fb]h]b`UbX`gh`XYbth`WU`b`gYY`Hi`fb]h]b`g)a`]`Uf]m`fYdcfth`"



GWYYb]b[ . 'HYffYbW' A U]W\_žH\Y'H\]b'F YX  
@]bY'f%- , Łž%+\$'a ]bi hYg

F Ygci fWg

DfYgWf]VYX`F Ygci fWg`

GYY`A ccX`Y`Zcf`YI dYWX`fYgci fWg

F YWca a YbXYX`F Ygci fWg

GYY`A ccX`Y`Zcf`fYWca a YbXYX`fYgci fWg

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

GYY`A ccX`Y`Zcf`]bZfa Uh]cb`cb`Wci fgY`Yj U`i Uh]cb`UbX`XYj Y`cda Ybh

Gi Va ]gg]cb`cZ5ggYgga YbhiHUg\_g

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

≠mci`YbWci bHYf`U`dfcV`Ya`k` \Yb`UH`Ya` dh]b[`hc`gi`Va`]hmc`i`f`Ugg][`ba`Ybhi`h`fci`[`\`Hi`fb]h]b`z`d`Y`Ug`Y`  
HY`Yd`cb`Y`9I`HY`fb`U`Gi`ddc`fh`cb`-`,`)`"``"``%`cf`Ya`U]`h`Ya`i`cb`YI`HY`fb`U`HY`hgi`ddc`fh`4`i`bgk`"YXi`"Ui`""Gi`ddc`fh`  
`l`ci`fg`UfY`,`.\$\$Ua`-`-%\$.\$\$da`i`cb`k`YY`XUmg`U`bX`-`.\$\$Ua`-`).\$\$da`i`cb`k`YY`YbXg`f`l`\*)`XUmg`U`m`Y`Uf`l`"≠mci`  
UfY`i`bUV`Y`hc`gi`Va`]hmc`i`f`Ugg][`ba`Ybhi`Xi`Y`hc`U`Z`Ji`h`k`]h`Hi`fb]h]b`mci`i`a`Um`Udd`m`Z`f`U`b`YI`HY`bg]cb`z`Vi`hmc`i`  
a`i`gh`f`Y`h]b`mci`f`h]W`Y`hbi`a`VY`f`Z`ca`9I`HY`fb`U`Gi`ddc`fh`f`U`cb[`k`]h`U`b`m`c`h`Y`f`f`Y`Y`U`b`h`X`c`W`a`Y`b`h`g`k`h`c`  
]b`Wi`XY`U`g`Y`j`]X`Y`b`W`hc`gi`ddc`fh`mci`f`YI`HY`bg]cb`Udd`]W`h]cb`"≠mci`Ya`U]`9I`HY`fb`U`Gi`ddc`fh`mci`k`]`  
Ui`h`ca`U`h]W`U`m`f`Y`W`]j`Y`U`h]W`Y`hbi`a`VY`f`z`Vi`h]Z`mci`HY`Yd`cb`Y`mci`k`]`b`Y`Y`X`hc`gd`Y`W`Z`W`U`m`U`g`\_`Z`f`c`b`Y`"  
Hi`fb]h]b`U`gc`d`fc`j`]X`Y`g`i`d`X`U`h`Y`g`c`b`h`Y`]f`g`m`g`h`Y`a`i`g`h`U`h`g`c`b`H`k`]h`Y`f`"

;`Yb`Y`f`U`m`z`U`gg`Y`g`g`a`i`gh`V`Y`gi`Va`]h`Y`X`Y`Y`W`f`c`b]W`U`m`j`]U`Y`]h`Y`f`Hi`fb]h]b`c`f`U`A`cc`X`Y`  
U`gg][`ba`Y`b`h`i`h`]b`g`h`U`b`W`g`k` \Y`f`Y`h`l`g`]g`b`c`h`d`c`g`g]V`Y`z`]h`k`]`V`Y`g`h`U`h`X`c`b`mci`f`W`ci`fg`Y`g`A`cc`X`Y`g`]h`k`]h`  
U`h`Y`fb`U`h]`Y`gi`Va`]gg]cb`X`Y`h]g`"

:`c`f`]b`Z`c`f`a`U`h]c`b`c`b`l`c`k`hc`gi`Va`]h]Ugg][`ba`Y`b`h`g`c`b`]b`Y`j`]U`A`cc`X`Y`.`h`h`d`g`#`g`h`X`Y`b`h`i`bgk`"YXi`"Ui`#`c`k`!  
gi`Va`]h]Ugg][`ba`Y`b`h`a`cc`X`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`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]h]Yg'Ug'U'gh XYbhUhl BGK
- VY'Uk UfY'cZd'U[ ]Uf]ga ž'Wcdmf][ \hž' BGK 'Gh XYbh7cXY'cZ7cbXi W'Ubx'5Ww'dhUV'Y'I gY'cZ I BGK '⇒H'F Ygci fW'g'Dc`]Wm
- VY'Uk UfY'cZh'Y'ghUbxUfXg'cZVY\Uj ]ci f'YI dYW'X'cZYj Yfmcby'j]b'h'Y'I BGK 'Wca a i b]m
- `cWJh'gYfj ]Wg'UbX'j]bZcfa Uh]cb'UVci hl 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 bXYfghUbx]b[ 'cZU`h'Y fY'UH'X'UgdYW'g'cZ9@G9'k ]`Y'd'mci 'a U\_Y'h'Y'a cghcZmci f'gh X]Yg'Uhl BGK ""

[\hd. #gj V'YW'f i \]XYg" \]VfUfm'i bgk "YXi "Ui #' \]gY#JVci h' \]gY](#)

