

# **LING5006**

7 i ffYbhʻ=ggi Ygʻ]bʻ6]`]b[ i U`]ga

HYfa 'C bY''##'&\$%

# 7ci fgY<sup>·</sup>Cj Yfj ]Yk

## `GHJZZ:7cbHJWh:8YHJ]`g`

## '7cbj Ybcfg'

B Ua Y	9a U]`	5j U]`UV]`]lm	@cWUh]cb	D\cbY
5b]_ï '< Uhcgg	U"\Uhcgg4 i bgk "YXi "Ui	5 5	A cfj Yb <sup>·</sup> 6fck b &&\$	\$&`-',) ,'(\$

GW.cc`7cbhJWh′±bZcfa Uh]cb

7 ci fgY 8 YHJ]`g 7 fYX]hDc]bhg \* Gi a a UfmcZh\Y 7 ci fgY

## 5ggYgga Ybh

Ghi XYbhgʻUfYʻfYei ]fYXʻhcʻi gYʻ5D5ʻfYZYfYbW]b[ʻZcfʻU``h\Y]fʻUgg][ ba Ybhgʻ'H\YʻWUggʻhYghi]gʻWcbXi WhYX cb`]bY`]b`WUggʻUbX`ghi XYbhgʻUfY`fYei ]fYX`hcʻVf]b[ʻh\Y]f``Udhcdg''

### 5ggYgga Ybh'HUg\_g'

5ggYgga Ybh'tUg_	K Y][ \h	8iY'8UhY	Gh XYbh@YUfb]b[ Ci hWca Yg 5ggYggYX
7`Ugg'hYgh'	' \$1	&- #\$' #&\$% `\$%\$\$`DA	%
DfYgYblUljcb <sup>-</sup>	&\$I	Bch5dd`]WUV`Y	' <u>Ž</u> (
F YgYUfWX 'YggUm'	) \$1	&*#\$(#&\$%-`\$(.\$\$`DA	&ž ž(

### 5ggYgga Ybh8YHJ]`g

5ggYgga Ybh% 7`Ugg hYgh

GhUfh'XUhY. '&-#\$' #&\$%- '%&.\$\$ DA

**8YHJ]`g.** 'HYghff%'\fŁ`cb'hcd]Wg'Wcj YfYX']b'h\Y'Wci fgY"'8Y`]j YfYX'cb`]bY"'±bX]j ]Xi U``ZYYXVUW\_`k]``'VY dfcj ]XYX"

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

H\]g^]g^Ub^cb`]bY^hYghWcbXi\_WhYX^]b^WUgg"^Gh\_XYbhg^bYYX^hc^Vf]b[\_'h\Y]f^XYj\_]WYg^hc^UWWygg^h\Y^hYghcb`]bY"

5ggYgga Ybh& DfYgYbhJh]cb

GhUfhXUhY. Bch5dd`]WUV`Y

**8YHJ]`g**. '5 'WUgg`dfYgYbHJH]cb`fl%\$`a ]bi H/gŁ`VUgYX`cb`gYhfYUX]b[g`UbX`hcd]Wg`Wcj YfYX`]b`h\Y`Wci fgY" \(\pm\X)] [Xi U``ZYYXVUW\_k]``VY`dfcj [XYX"

5ggYgga Ybh' . F YgYUfWl YggUm

GhUfhiXUhY. '&-#\$' #&\$% '%&.\$\$'DA

 $8 YHJ]^*g. 5 fYgYUfW. YggUmfUddfcl ]a UHY`m&$$$k cfXgŁcb`UbmcZh\Y`a U^cf'hcd]Wg`Wcj YfYX`]b`h\Y`Wci fgY" \\ $X]j ]Xi U``ZYYXVUW_k ]```VY`dfcj ]XYX"`H\]g'h\Y`Z]bU``UggYgga YbhZcf'UHYbXUbWf'di fdcgYg"$ 

## 5 h Yb X Ub WY F Yei ] f Ya Yb hg

5 hh/b X U b W/ c Z @ Y Wi f Y g 'U b X 'Hi hc f] U 'g '] g 'a U b X U hc fm] b 'h\] g 'W c i f g Y "'I b Y I W g Y X 'U V g Y b W/ Z f ca 'a c f Y 'h\ U b & 1 c Z `Y Wi f Y g 'U b X 'hi hc f] U 'g 'k ] `` f Y g i `h ] b 'h\ Y 'U k U f X 'U 'Z U] `[ f U X Y " '

\$\times \times \

# 7ci fgY'GWXYXi `Y

## J ]Yk 'WUgg'h]a YhUV'Y

## H]a YHJV`Y

8UhY	Hmd Y	7 cbhYbh
K YY_'%'% ': YVfi Ufm!'&( : YVfi Ufm	Hcd]W	=ggi YgʻcZXYZ b]b[ʻUbXʻa Udd]b[ʻV]`]b[i U`]gaʻ! HYI N∕cc_ʻ7 \UdhYfʻ%
K YY_'&.'&) ': YVfi Ufm!'' A UfWX	Hcd]W	∍ggi YgʻcZa YUgi fYa YbhcZV]`]b[i U`]ga '! HYI Wcc_ 7∖UdhYf'&
K YY_'' . '( 'A UfWX '! '%\$ A UfWX	Hcd]W	Cbhc[YbYg]g'cZV]`]b[iU`]hm'!HYIhVcc_'7\UdhYf''
K YY_^(.*%%A UfWX*!*%+ A UfWX	Hcd]W	7 c[b]hj Y`YZZYWhg`cZV]`]b[iU`]ga '!`HYIhVcc_'7 \UdhYf (
K YY_').'% 'A UfW\'!'&( A UfW\	Hcd]W	GcWJYHU``V]`]b[i U`]ga 'UbX']bHYf[fci d'fY`Uh]cbg'! HYI hVcc_'7 \UdHYf'%\$"
K YY_'*.'&) 'A UfWX'!'' % A UfWX	Hcd]W	

F Ygci fWYg

DfYgWf]VYX F Ygci fWYg

Gi Va ]gg]cb cZ5ggYgga YbhHUg\_g

### 5 WUXYa ]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"'=hWJb'hU\_Y`a Ubm Zcfa gžZfca `XY`]VYfUhY`W\YUh]b[ 'hc`UWW]XYbhU`mWcdm]b[ 'Zfca `U`gci fWY'k ]h\ci hUW\_bck `YX[ Ya Ybh'

IBGK [fcidgdu[]uf]ga ]bhch\YZc``ck]b[ WuhY[cf]Yg.

7 cdm]b[.'i g]b['h\Y'gUa Y'cf'j Yfmg]a]`Uf'k cfXg'hc'h\Y'cf][]bU`hYl h'cf']XYU'k]h\ci h'UW\_bck `YX[]b['h\Y gci fW'cf'i g]b['ei chUh]cb'a Uf\_g"'H\]g'U`gc'Udd`]Yg'hc']a U[Ygž'Ufh'UbX'XYg][b'dfcYWgž'Ug'k Y``'Ug dfYgYbhUh]cbg'k \YfY'gca YcbY'dfYgYbhg'Ubch\Yf'g']XYUg'cf'k cfXg'k]h\ci h'WfYX]h'

=\uddfcdf]UhY 'dUfUd\fUg]b[ .'7\Ub[ ]b[ 'U'ZYk 'k cfXg'UbX'd\fUgYg'k \]'Y 'a cghmfYhJ]b]b[ 'h\Y'cf][ ]bU`
ghfi Whi fY 'UbX#cf'dfc[ fYgg]cb'cZ]XYUg'cZh\Y'cf][ ]bU`ž'UbX']bZcfa Uh]cb'k ]h\ci h\UW\_bck `YX[ Ya Ybh''H\]g'U`gc
Udd`]Yg']b'dfYgYbhUh]cbg'k \YfY 'gca YcbY'dUfUd\fUgYg'Ubch\Yf'g']XYUg'cf'k cfXg'k ]h\ci h\UhYX]hUbX'hc
d]YW]b[ 'hc[ Yh\Yf'ei chYg'UbX'dUfUd\fUgYg']bhc'U'bYk 'k \c`Yž'k ]h\ci h\Uddfcdf]UhY'fYZYfYbW]b[ "

7 c``i g]cb.'k cf\_jb['k]h\ch\Yfg'Vi hdUgg]b['cZZh\Y'k cf\_'Ug'U'dYfgcb'g']bX]j ]Xi U``k cf\_"'7 c``i g]cb'U`gc ]bWi XYg'dfcj ]X]b['mci f'k cf\_'hc'Ubch\Yf'ghi XYbhVYZcfY'h\Y'Xi Y'XUhYžcf'Zcf'h\Y'di fdcgY'cZh\Ya d`U[]Uf]g]b['UhiUbmh]a Yž'dUm]b['Ubch\Yf'dYfgcb'hc'dYfZcfa 'Ub'UWUXYa ]WhUg\_ž'ghYU']b['cf'UWei]f]b[ Ubch\Yf'dYfgcb'g'UWUXYa ]Wk cf\_'UbX'Wcdm]b[']hz'cZYf]b['hc'Wca d'YhY'Ubch\Yf'dYfgcb'g'k cf\_'cf'gYY\_]b[ dUma YbhZcf'Wca d'Yh]b['UWUXYa ]Wk cf\_"

±bUddfcdf]UhY`W]hUh]cb.`7]h]b[`gcifWrg`k\]W\`\UjY`bchVYYb`fYUXžk]h\cihUW\_bck`YX[]b[`h\Y`´gYWcbXUfm´gcifWrZfca`k\]W\`\_bck`YX[Y`cZh\Ya`\Ug`VYYb`cVhU]bYX"

8 i d`]\W\n]cb`ffgY`Z\d`U[]\Uf]ga "Ł`gi Va]\n]b[`mci f`ck b`k cf\_z`]b`k \c`Y`cf`]b`dUffz`k \YfY`]h\Ug`dfYj]ci g`m VYYb`dfYdUfYX`cf`gi Va]\nYX`Zcf`Ubch\Yf`UggYgga Ybhcf`\\cf\\text{i fgY`UhI\_BGK\_`cf`Ubch\Yf`i b]j Yfg]\m'

7 cffYWnfYZYfYbWlb[ 'dfUWnWyg.

- DUfUd\fUg]b[žgi a a Uf]g]b[žYggUmk f]h]b[ 'UbX h]a Y a UbU[Ya Ybh
- 5ddfcdf]UhY'i gY'cZUbX'Uhtf]Vi h]cb'Zcf'U'fUb[Y'cZa UhYf]U`g']bWi X]b['hYl hž']a U[Ygž'Zcfa i `UY'UbX WbWYdhg"

±0X]j ]Xi U``Ugg]ghUbWr`]g`Uj U]`UV`Y`cb`fYei YghZfca `H\Y`@YUfb]b[ `7 YbhY`f\hd.#k k k "`Wi bgk "YXi "Ui #£" Gh XYbhg`UfY`U`gc`fYa ]bXYX`h\UhWUfYZ ``hja Y`a UbU[ Ya Ybh]g`Ub`]a dcfhUbhdUfhcZgh XmUbX`cbY`cZh\Y ]XYbh]Z]YX`WUi gYg`cZd`U[ ]Uf]ga `]g`dccf`hja Y`a UbU[ Ya Ybh'`Gh XYbhg`g\ci `X`U``ck `gi Z]W]Ybh'hja Y`Zcf fYgYUfW\žXfUZh]b[ `UbX`dfcdYf`fYZYfYbW]b[ `cZgci fWfg`]b`dfYdUf]b[ `U``UggYgga Ybh']hYa g"

IBGK @]VfUfmU`gc`\Ugʻh\Y`9@G9`hcc``UjU]`UV`Y`hc`Ugg]ghmci`k]h\`mcif`ghiXmUhIBGK "'9@G9`]gXYg][bYX`hc`]bhfcXiVW`bYk`ghiXYbhg`hc`ghiXm]b[`UhIBGK`Vih]hWUb`U`gc`VY`U`[fYUhfYZfYg\Yf`Xif]b[`mcifqhiXm"

7 ca d'Yhlb[ 'h\Y'9@&9'hi hcf]U`'UbX'ei ]n'k ]`'YbUV'Y'mci 'hc.

 UbU`mgY`hcd]\Mgž'd`Ub`fYgdcbgYg`UbX`cf[Ub]gY`fYgYUf\W\`Zcf'U\WXYa]\Wk f]hjb[`UbX`ch\Yf UggYgga YbhiHUg\_g

- i bXYfglUbX'mci f'f][\hg'UbX'fYgdcbg]V]`]h]Yg'Ug'U'gh XYbhUhi BGK
- VY 'Uk UfY'cZd`U[]Uf]ga ž'Wcdmf][\hzil BGK 'Gh XYbh7cXY'cZ7cbXi WhUbX'5VWWdhUV`Y'I gY'cZ IBGK '=7 H'FYgcifWYg'Dc`]Wm
- VY 'Uk UfY 'cZh\Y 'ghUbXUfXg'cZVY\Uj ]ci f'Yl dYWYX 'cZYj YfmcbY ']b'h\Y 'l BGK 'Wca a i b]hm 'cWUhY 'gYfj ]WYg'UbX']bZcfa Uh]cb'UVci hi BGK 'UbX'l BGK '@]VfUfm

Gca Y'cZh\YgY'UfYUg'k]``VY'ZJa]`]Uf'hc&

] ib g'U'Dc`b

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- fYei Yghg Zcf Yl hYbg]cb/
- `UhY`gi Va ]gg]cbg`[ i ]XY`]bYg/
- fYj ]Yk 'cZa Uf\_g/
- I BGK '<YU`h\ 'UbX'GUZYhm'dc`]W[Yg/
- YI Ua ]bUh]cb dfcWXi fYg/
- gdYWJU``Wcbg]XYfUhJcb`]b`h\Y`Yj YbhcZ]``bYgg'cf'a ]gUXj Ybhi fY/
- gh XYbhYei ]mUbX X]gUV]`]m/
- UbX'ch\Yf'YggYbhJU`'UWUXYa ]W]bZcfa UhJcbž'gYY

\hdg.#k k k "Ufng"i bgk "YXi "Ui #W ffYbhghi XYbhg#UWUXYa ]W]bZcfa Uhlcb#dfchcWc`g![i]XY`]bYg#

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