

# ARTS2630

HYfa YX]UH' >UdUbYgY'5

HYfa 'Cby' #'&\$%

GWcc`cZ< i a Ub]hYg'UbX'@Ub[ i U[ Yg' #' i BGK '5 frq'UbX'GcWU'GWYbW'g

7 ci fgY`Cj Yfj ]Yk

`GHUZZ7cbhUWhi8YHU]`g`

`7cbj Ybcfg`

B Ua Y	9a U]`	5j U]`UV]`]m	@cWU]hcb	D\cbY
Gi a ]_c`fXU	g"]XU4 i bgk "YXi "Ui	H65	A cfj Yb`6fck b`&+&	- ' , ) `` + ( )

GW\cc``7cbhUWhi`bZcfa U]hcb

GW\cc``cZ<i a Ub]hYg`UbX`@Ub[ i U[ Yg

@cWU]hcb. `GW\cc``C Z]W]ZA cfj Yb`6fck b`6i ]X]b[ ž`@Yj Y``&ž&),

CdYb]b[ `<ci fg.`A cbXUm!`: f]XUmž`- Ua `!)`da

D\cbY. `ž`\*%&`- ' , ) `)%\*, %

: U! . `ž`\*%&`- ' , ) `; , +\$)

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

7ci fgY'8YHJ]`g

7fYX]hDc]bHg`\*`

Gi a a UfmcZ\hY'7ci fgY

Gi V\Ww5fYU.`<SbS` WèWE fgV[Wè

H\Y`Wèi fgY`ZcW`gYg`cb`>UdUbYgY`Wèa a i b]WU]cb`]b`i ddYf`VY[ ]bbYfg`Yj Y`h`fci [ \`X]ZYfYbh`cd]Wg`h`Uh  
UfY`fY`U`h`X`h`c`XU]m`]ZY`" `#idfcj ]XYg`mci `k ]h`U`[ YbYfU`i bXYfghUbX]b[ `cZ>UdUbYgY`gYbhYbW`ghfi Wèi fYž  
j fU` fU †i W dU-) U\_Yb^ Yg`Uda b`i WèUbYgY`gYbhYbWU]cb`]b`i ddYm[ bt

%`DUfññja Y`k cf\_

&"; ]ñfñ \Udhñf`&Ł

' ``HfUj Y`ñfñ \Udhñf` Ł

("`@cghdfcdYfmñfñ \Udhñf` (Ł

)" `F i a ci f`UbX`A cUb]b[ `ñfñ \Udhñf`) Ł

\*" `I b]j Yfg]m@]Z `ñfñ \Udhñf`\* Ł

5ggYgga Ybh

5ggYgga YbhHUg\_g`

5ggYgga YbhHUg_	K Y][ \h	8i Y'8UHr	Gh XYbh@YUfb]b[ Ci hWta Yg'5ggYggYX
GY`ZgY`YWX`YUfb]b[ UWij ]hYg`	%)	k ]h]b`tk`c`XUmg`UZrYf`YUWk UWij ]hm	%z&z(
7`Ugg`HYgh`	' \$	HYgh%`]b`K`*`UbX`HYgh&`]b K`%\$	%z&z)
Cb`]bY`J`]XYc`DfYgYbhU]cb`	&\$	K`)`Zcf`GdYYW`Gi`a`a`Ufm UbX`K`-`Zcf`j`]XYc dfYgYbhU]cb	%z&z`z`)
9I Ua`	' )	8i`f]b[`hY`YI`Ua`dYf]cX	%z&z)

Hi fb]hb'gYhb[ .'

5 hYbXUbW F Yei ]fYa Ybhg

5 hYbXUbW cZ@YWh fYg#hi hcf]U'g ]g'a UbXUhcfm]b'h]g'Wci fgY"i bYI W gYX'UVgYbW'Zfca 'a cY'hUb'&\$i cZ@YWh fYg#hi hcf]U'g k ]'fYgi 'h]b'hY'Uk UfX'U'Z]'[ fUXY"

h'YWh fYg'UbX'hi hcf]U'g'mci 'k ]'UWhj Y'mYb[ U[ Y'k ]h' WcfY'Wci fgY'WcbhYbhZ'YbUV]b[ 'mci 'hc'UfU]b'7 @C '%Z 7 @C '( 'UbX'7 @C ')"

7 ci fgY'GVX YXi `Y

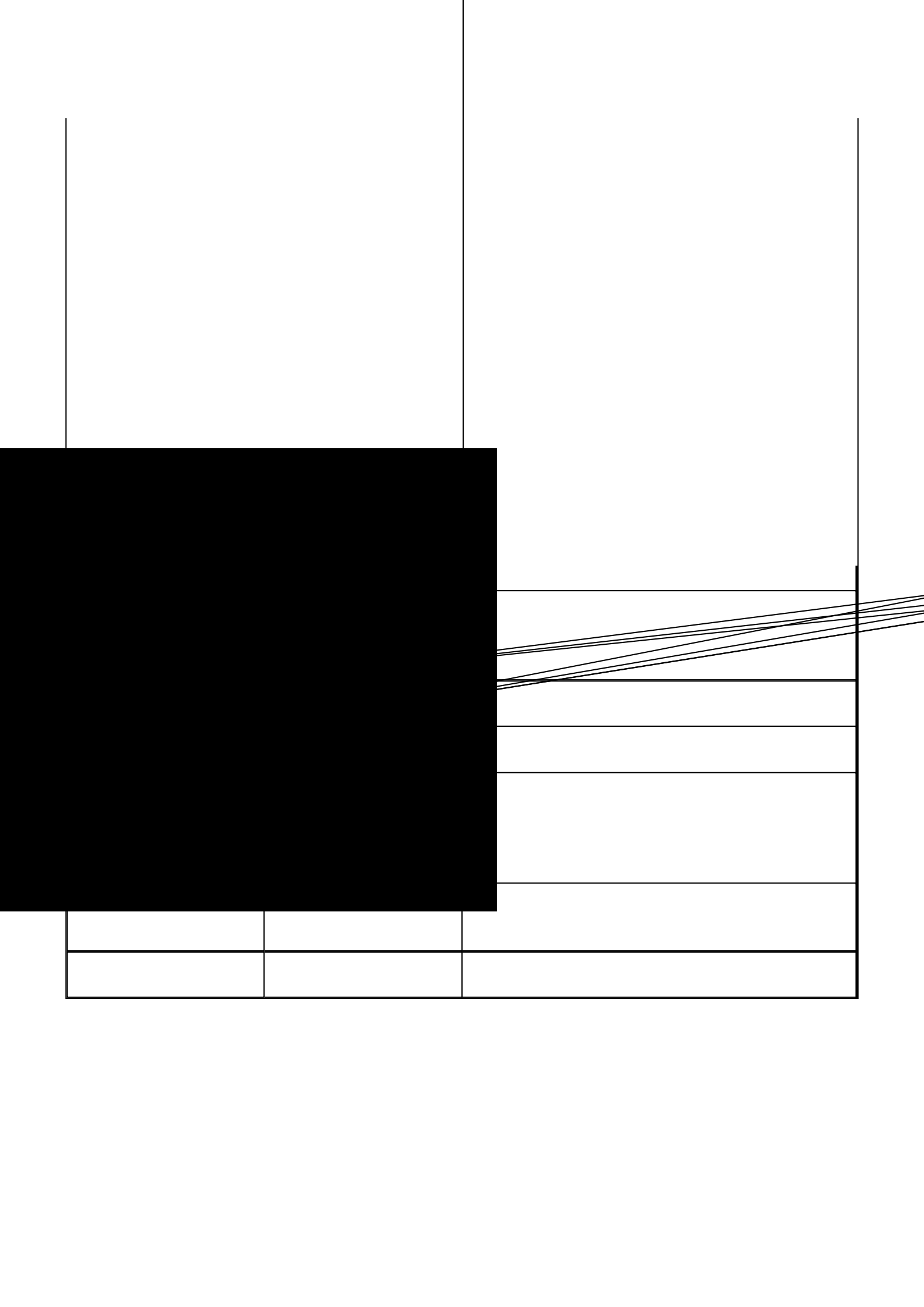
[J \]yk 'WUgg'h'a YhUVY](#)

H]a YhUV`Y`

8 UhY	HmdY	7 cbhYbh
K YY_% '% : YVfi Ufm! '& : YVfi Ufm	@YWh fY	@YWh fY '% '7 ci fgY' hcf]U'g' Wcb'UbX'7 \UdhYf'% fDUfh]ja Y'K cf_fi'7i 'hi fYz'; fUa a Uf'UbX'DfUWh]W @YWh fY '& '7 \UdhYf'% fDUfh]ja Y'K cf_fWcb]bi Yg k ]h'fYUX]b[ 'UbX'k f]h]b[ 'ZcW g
K YY_& '& ) : YVfi Ufm! ' A UfW	@YWh fY	@YWh fY '% '7 \UdhYf'% fDUfh]ja Y'K cf_fWcb]bi Yg. 7i 'hi fYz'; fUa a Uf'UbX'DfUWh]W @YWh fY '& '7 \UdhYf'% fDUfh]ja Y'K cf_fiYj ]Yk 'k ]h'fYUX]b[ 'UbX'k f]h]b[ 'ZcW g
	Hi hcf]U'	HU_]b[ 'UVci hdUfh]ja Y'k cf_" HU_]b[ 'UVci hmc i f'YI dYf]YbW'cZchYf'W 'hi fY"
	Dfc YWh	Dfc YWh DcfhZ'c' VY[ ]bg"K cf_'cb'mci f'gY'Z ]bfcXi Wcb'g'XY'fW'a di 'gcfmUWh] ]mZcf Yj Yfmc bY'z'gUj Y ]hUg ]a U[ Y'Z]Yz'hYb'UfUWh'cb A ccX'Y'Dfc YWh fYdcfhV'c[ " '8i Y'cb': f]XUmf( da E A UfW , ' ]b'K ' "
	DfYgYbU]h]cb	F YUX'hY'Wci fgY' bchYg'UVci h'hY'j ]XYc dfYgYbU]h]cb 'UggYgga YbhZ'UbX'ghUfh'hc'h]b_'k \Uh mci 'k Ubh'hc' hU_'UVci h'
K YY_' '( 'A UfW '! '%\$ A UfW	@YWh fY	@YWh fY '% '7 \UdhYf'%'( . fi ]Zfi'7i 'hi fYz'; fUa a Ufz UbX'DfUWh]W @YWh fY '& '7 \UdhYf'%'( . fi ]ZfWcb]bi Yk 'k ]h'fYUX]b[ 'UbX'k f]h]b[ 'ZcW g
	Hi hcf]U'	HU_]b[ 'UVci hU'W'grca 'cZ[ ] ]b[ 'UbX'fYW]j ]b[ [ ]Zg ]b'mci f'W 'hi fY"
	DfYgYbU]h]cb	GY'Z]bfcXi Wcb'g'XY' ]g'Xi Y'cb': f]XUmU( da fA UfW , E'cb'A ccX'Y"
K YY_( . '%%A UfW '! '%+ A UfW	@YWh fY	@YWh fY '% '7 \UdhYf'%'( . fi ]ZfWcb]bi Yg @YWh fY '& '7 \UdhYf'%'( . f]fUj Y'fi.7i 'hi fYz'; fUa a Ufz ? Ub'j'UbX'DfUWh]W
	Hi hcf]U'	; ]j ]b[ 'UXj ]W
	DfYgYbU]h]cb	J ]XYc' dfYgYbU]h]cb' gi a a Ufm]g'Xi Y' ]b'K YY_) " GYY

		ከላይ ለሚገኙት ሁሉም የሥራ ስራዎች ላይ የሚከተሉትን ስራዎች ይገልጹ፡ የሥራ ስራዎች ስም ስራው ላይ የሚከተሉትን ስራዎች ይገልጹ፡





F Ygci fWg

DfYgWf]VYX`F Ygci fWg`

- ; Yb\_]`=
- ; Yb\_]`=K cf\_Vcc\_

F YWca a YbXYX`F Ygci fWg

BchUj U]UV`Y

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

: cfa U`ZYXVUW`Zca`ighi XYbhg`k ]`VY`Wc`YWYX`j ]U`a mi9I dYf]YbWZ`UbX`k ]`VY`i gYX`hc`]a dfcj Y`Z h fY ]hYfU]cbg`cZ]g`Wc`i fgY`" #Zcfa U`fYU`!h]a Y`ZYXVUW`]g`U`gc`j Yfmk Y`Wca Y`Y]hYf`]b`dYfgcb`cf`h`fci [ \`U dYfa UbYbhmicdYb`Zc`fi a`Zc`f`gi [ [ Ygh]cbg`UbX`Wca a Ybhg"

Gi Va ]gg]cb`cZ5ggYgga YbhHUg\_g

Gi Va ]gg]cb`cZ5ggYgga YbhHUg\_g

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

Ẓmci `YbWci bhYf`U`dfcV`Ya `k \Yb`U`H`Ya dh]b[ `hc`gi Va ]hmc i f`Ugg][ ba YbhHfci [ \`Hi fb]h]bžd`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  
\ci fg`UfY` , .\$\$Ua `--`%\$. \$\$da `cb`k YY\_XUmg`UbX`- . \$\$Ua `--` ) . \$\$da `cb`k YY\_YbXg`fI \*) `XUmg`U`mYUfL` Ẓmci  
UfY`i bUV`Y`hc`gi Va ]hmc i f`Ugg][ ba YbhXi Y`hc`U`ZU` `hk ]H`Hi fb]h]b`mci `a UmiUdd`miZc`f`Ub`YI H`bg]cbžVi hmc i  
a i ghfYH]b`mci f`h]W`Yhbi a VYf`Zca `9I H`fbU`Gi ddcfhfU`cb[ `k ]H`Ubmch`Yf`fY`Yj UbhXcW a YbHgE`hc  
]bWi XY`Ug`Yj ]XYbW`hc`gi ddcfhmci f`YI H`bg]cb`Udd`jW]h]cb" Ẓmci `Ya U]`9I H`fbU`Gi ddcfhmci `k ]`

5 WUXYa ]W<c bYghmUbX`D`U[ ]Uf]ga

D`U[ ]Uf]ga `]g`i g]b[ `hY`k cfXg`cf]XYUg`cZchYfg`UbX`dfYgYbh]b[ `hYa `Ug`mci f`ck b" `hWUb`hU`Y`a Ubm  
Zcfa gZ`Zca `XY`]VYfUHY`WXYU]b[ `hc`UWV]XYbhU`mW`dm]b[ `Zca `U`gci fW`k ]h`ci hUW\_bck`YX[ Ya Ybh`

I BGK `[ fci dg`d`U[ ]Uf]ga `]bhc`hY`Zc`ck ]b[ `WUHY[ cf]Yg.

7 cdm]b[ .`i g]b[ `hY`gUa Y`cf`j Yfmg]a ]Uf`k cfXg`hc`hY`cf][ ]bU`hYI hcf]XYU`k ]h`ci hUW\_bck`YX[ ]b[ `hY  
gci fW`cf`i g]b[ `ei chU]cb`a Uf\_g" `H\]g`U`gc`Udd`]Yg`hc`]a U[ YgZ`UfhUbX`XYg][ b`dfc`YWgZ`Ug`k Y`Ug  
dfYgYbhU]cbg`k \YfY`gca YcbY`dfYgYbh]g`UbchYf`g]XYUg`cf`k cfXg`k ]h`ci hWYX]h`

hUddfcdf]UHY`dUfUd`fUg]b[ .`7`Ub[ ]b[ `U`ZYk `k cfXg`UbX`d`fUgYg`k \]Y`a cghmifYU]b]b[ `hY`cf][ ]bU`  
ghfi W`i fY`UbX`#`f`dfc[ fYgg]cb`cZ]XYUg`cZ`hY`cf][ ]bU`Z`UbX`]bZcfa U]cb`k ]h`ci hUW\_bck`YX[ Ya Ybh`H\]g`U`gc  
Udd`]Yg`]b`dfYgYbhU]cbg`k \YfY`gca YcbY`dUfUd`fUgYg`UbchYf`g]XYUg`cf`k cfXg`k ]h`ci hWYX]hU`bX`hc  
d]YW]b[ `hc[ YhYf`ei chYg`UbX`dUfUd`fUgYg`]bhc`U`bYk `k \c`Yz`k ]h`ci hUddfcdf]UHY`fYZYfYbW]b[ "

7 c`i g]cb.`k cf\_]b[ `k ]h`chYfg`Vi hdUgg]b[ `cZ`hY`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`UbchYf`gh`XYbhVYZc`fY`hY`Xi Y`XUHY`Zc`f`Zc`hY`di fdcgY`cZ`hY`a

- i bXYfghUbx'mci f'f][ \hg'UbX'fYgdcbg]V]h]Yg'Ug'U'gh XYbhUhl BGK
- VY'Uk UfY'cZd'U[ ]Uf]ga ž'Wc'dmf][ \hžI BGK 'Gh XYbh7cXY'cZ7cbXi W'Ubx'5Ww'dhUV'Y'I gY'cZ I BGK '⇒H'F Ygci f'Wg'Dc`]Wm
- VY'Uk UfY'cZh'Y'ghUbxUfXg'cZVY\Uj ]ci f'YI dYW'X'cZYj Yfmcby`]b'h'Y'I BGK 'Wc 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'YWf i \]XYg" \]VfUfm'i bgk "YXi "Ui #` \]gY#JVci h' \]gY](#)

