



# ARTS3875

8YW€`cb]g]b[ `F YgYUfVX `A Yh`cXg

HYfa `C.bY`#`&\$&\$

7ci fgY`Cj Yfj JYk

`GHJZ`7cbhJW`8YHJ`g`

`7cbj Ybcfg`

B Ua Y	9a Uj`	5j Uj`UVj]m	@cWjhcb	D\cbY
Hja ch\mi< YZYfbUb	h\ YZYfbUb4 i bgk "YXi "Ui	H\i fgXUmj`-!%\$Ua cf`VmUddc]bta Ybh	H65	H65

GW\cc``7cbhJW`bZcfa Uhjcb

GW\cc``cZGcWjU`GWYbWg

7ci fgY'8YHJ]`g

7fYX]hDc]bqg`\*`

Gi a a UfmicZ'h\Y'7ci fgY

Gi V'YWhi5fYU. 'EaU[a`aYk S` V 3` fZdaba`aYk  
H\]g`Wci fgY`Wb`U`gc`VY`gh X]YX`]b`h\Y`Zc`ck`]b[ `gdYW]U`]gU]cb. `5i`gfU`]Ub`Gh X]Yg

h`h`]g`Wci fgY`mci`k`]`fYZYWhicb`h\Y`dfUW]W`cZ`Ym]gcW]U`fYgYUfW`a`YhlcXg`Zc`f`]bj`Ygh[ `U]b[ `W`hi`fY`UbX  
gcW]Ym`Mci`k`]`UXXfYgg`h\Y`fY`U]cbg\]d`VYh`YYb`a`YhlcXg`UbX`a`YhlcXc`c[ `m]UbX`fYVc[ `b]gY`h\Y  
]a`dcfU]bW`cZi`bXYfghUbX]b[ `h\Y`\]ghc`f]W]z`h\Yc`fY]W]`UbX`d\]cgc`d\]W]`Wc`b]h\Y`hg`Zca`k`\]W`dUf]W`Uf  
fYgYUfW`a`YhlcXg`\Uj`Y`Ya`Yf[ `YX`"GcW]U`fYgYUfW`Yfg`Xc`bchUdd`m]U`gYhcZbYi`fU`h\Y`W]b]ei`Yg`h\Y  
]ggi`Yg`h\Ym]bj`Ygh[ `U]h`z`Vi`hfU]h`Yf`fYgYUfW`]g`dUf]hcZU`XmbUa`]W]z`Yb[ `U[ `Ya`Ybhk`]h`gcW]U`UbX`W`hi`fU`  
k`cf`Xg`k`]h`c`Z]b`XYd`Wc`bbYW]cbg`h`Wc`cb]U`h`ci`[`\hUbX`dck`Yf`"5`\Y][`\hYbYX`gYbgY`cZ`h\Y`ghfU]h[ `]Yg

# 5ggYgga Ybh

<Ufj UfX'fYZfYbWb[ 'a i ghVY'i gYX'ZcF'U''k f]Hb'Ugg][ ba Ybhg" D'YUgY'gYY'h]g  
fYgci fW. [\hdg.#gh.XYbhi.bgk"YXi."Ui.#Ufj.UfX.fYZfYbWb\[](#)

## 5ggYgga YbhHUg\_g'

5ggYgga YbhHUg_	K Y][ \h	8i Y'8UH	Gh XYbh@YUfb]b[ Ci hWta Yg'5ggYggYX
F YZYI ]j Y'9ggUm	&\$i	&' # '\$ #&\$&\$ \$) .\$\$'DA	%z&Z*
; fci d'DfYgYbHUcb'	&\$i	K YY_g' (ž) ž*ž+/' -	&ž ž(ž)
: ]bU'9ggUm	* \$i	\$(%) #&\$&\$ \$) .\$\$'DA	%ž ž)

## 5ggYgga Ybh8YHU]`g

5ggYgga Ybh% F YZYI ]j Y'9ggUm

GhUfhXUH. Bch5dd`]WVY

8YHU]`g. Gh XYbhg'UfY'fYei ]fYX'hc'k f]H'U'%'&\$&\$'k cFX'fYZYI ]j Y'YggUmik \]W ]bhYFUWg'k ]H'U'\_Ymigci fW'cb  
Wcgg'W'hi fU'YbWci bhYfg" H\Yma i ghfYZYI ]j Y'mYb[ U[ Y'k ]H'k \Uhi]g'a ][ \ha YUb'Zc'f'HYa 'Ug  
fYgYUfWYfg" K f]Hb'ZYXVUW\_k ]'VY'dfcj ]YX' ]b'WUgg"

5XX]h]cbU'XYHU]`g.

Gh XYbhg'UfY'fYei ]fYX'hc'k f]H'U'%'&\$&\$'k cFX'fYZYI ]j Y'YggUmik \]W ]bhYFUWg'k ]H'HK C'HYI hg.

%'H\Y'g\cfhVcc\_l Z[fWV'S 5gfgdWfk U[ Ub'%- - %z  
&"H\Y' bhfcXi W]cb'hc'@]bXU'Hi \]k U]'Ga ]h'f]f%- - - E 6 WJa'a' [] [ Y ? WZaVa'aY[W

Gh XYbhg'g\ci 'X'fYUX'hY'HYI hg'UbX'Wta a Ybhcb'k \UhYUW'hYI h]g'UVci hUbX'hY]f''YUfb]b[ 'YI dYf]YbW"  
: cf]bgHUbWž]b'hY'VcXmicZmci f'YggUmžmci 'a Umk ]g\hc'X]gW gg'gYj YfU'cZHY'Z ca a Ybhcb'k \UhYUW'hYI h

@Yb[ h. ' ( \$'A ]bi h' ; fci d' C fU' DfYgYbHhcb

8YHJ]g. 'Gh XYbtrg'k ]''dUfh]WdUH' ]b'U' [ fci d' d'fYgYbHhcb ]b'cbY'k YY\_'cZWUggYg''H\Ymk ]''k cf\_ Wc''YWhj Y'mUbX'fYW'j Y'U' [ fci d'a Uf\_'Zcf'h' ]g'hUg\_'' : YYXVUW\_ ]g' [ ]j Yb'j YfVU''mUZhf'h'Y' d'fYgYbHhcb'UbX' h'Y'a Uf\_'Zcf'h' ]g'UggYgga Ybh'Ug\_ ]g' [ ]j Yb' ]b'k f]h]b[ 'hc' h'Y'gh' XYbhiUhh'Y'YbX'cZ'h'Y'gYa Ygh'f''

5XX]h]cbU'XYHJ]g.

; fci dg'k ]''VY'cf[ Ub]gYX' ]b'K YY\_'C bY''Gh XYbtrg'k ]''VY'Ug\_YX'hc'ZUW' ]Hh' U'X' ]gW'gg]cb'cb'h'Y'k YY\_'g fYUX]b[ ]g'ZfU]gY'VfcUXYf'W' ]Hh'W'ei Ygh'cbgZ'UbX'ZUW' ]Hh'U'W' ]h]g''Gh XYbtrg'k ]''k cf\_ Wc''YWhj Y'mUbX' fYW'j Y'U' [ fci d'a Uf\_'J YfVU''ZYXVUW\_'k ]''VY' [ ]j Yb'UZhf'h'Y' d'fYgYbHhcb'UbX'U' [ fUXY'k ]''VY' [ ]j Yb'Uh' h'Y'YbX'cZ'h'Y'h'fa ''

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

5ggYgga Ybh' . : ]bU'9ggUm

GhUfhXUH'. Bch5dd' ]WVY

@Yb[ h. ' ž) \$\$

8YHJ]g. 'Gh XYbtrg'UfY'fYei ]fYX'hc'k f]h'U'' ) \$\$'k cfX''Yb[ h' YggUmdcfh'Z' ]cZ'UbX'Yb[ U[ Y'k ]h' h'Y'fY'Yj Ubh' gYhUbX'k ]XYf'Wc'i fgY' ]h'fUhi fY'hc' d'fcXi W'Ub'UWUXYa ]WUf[ i a YbhUbX'fYZYW' ]cb'' &ž) \$\$!k cfX'YggUm VUgYX'cb'gYa ]bUf'Wc'bh'btZ'UbX'a Ul ]a i a 'cZ%'\$\$!k cfXg'WYUHj Y'a YhcXc'c[ m'fYZYW' ]cb''H\ ]g' ]g'h'Y'Z]bU' d]YVW'cZUggYgga Ybh'Zcf'h'Y'Wc'i fgY'k f]h'Yb'ZYXVUW\_ ]g' [ ]j Yb'hc'gh' XYbtrg'k c'k YY\_'g'UZhf'UggYgga Ybh]g' gi Va ]h'X''

5XX]h]cbU'XYHJ]g.

Gh XYbtrg'UfY'fYei ]fYX'hc'k f]h'U'' ž) \$\$'k cfX''Yb[ h' YggUmdcfh'Z' ]cZ'Wc'a df]g]b[ 'cZU'&ž) \$\$ k cfX'YggUm5B8'U'%'\$\$\$'k cfX'WYUHj Y'fYZYW' ]cb''

Gh XYbtrg'g\ci 'X'Yb[ U[ Y'k ]h' h'Y'fY'Yj UbhgYh'fYUX]b[ g'Zca' h'Y'Wc'i fgY'UbX'k ]XYf'' ]h'fUhi fY'hc' d'fcXi W'Ub'UWUXYa ]WUf[ i a YbhUbX'fYZYW' ]cb''

: cf'h'Y'&ž) \$\$'k cfX'YggUmž'mci 'k ]''W'ccgY'U'gdYW'Yg'cZ'X] [ Ybci g'5i gh'U' ]Ub'ZcfU'CF'ZU] bU UbX'UbU'mgY'\ck' h' ]g'gdYW'Yg' ]g' i bXYfg'hc'X'Zca'U'K Ygh'fb'\_bck'YX[ Y#g'WYb'h]Z'W dYfgdYW' ]Y'5B8'Zca'Ub'X] [ Ybci g'\_bck'YX[ Y#g'WYb'h]Z'WdYfgdYW' ]Y''<ck'UfY'h'YgY i bXYfg'UbX]b[ g'X]ZYfYbh'UbX'f'g'ja ]Uf'3'K \UhXcYg'Wc'a dUf]b[ 'h'YgY'dYfgdYW' ]Yg'UbX'Z]bX]b[ g' fYj YU'UVci h'k Umg'cZ'\_bck' ]b[ 3'<ck'XcYg'h' ]g'Z]h'k ]h' ]b' h'Y'Wc'i fgY'g'k ]XYf'h'Ya Y'cZ'\_bck'YX[ Y Ug'dck Yfž'Ug'gc'WU''mWc'bg'f' W'Xž'UbX'Ug'X]ZYfYbh'mj U'i YX3

: cf'h'Y'WYUHj Y'a YhcXc'c[ m'fYZYW' ]cb''Yi YfW'gYž'mci 'UfY'hc'Yb[ U[ Y'k ]h' h'Y''cb[ Zcfa'g\cfh'Z]W' ]cb''K UH'fž'Zca'9''Yb'j Ub'B'YYfj Yb'g': WfS' V >[YZf'f&\$%&( 'fUj U]UV'Y'j ]U'A'ccX'Y'E''Mci f %\$\$\$'k cfX'UbU'mg]g'cZ'h' ]g'h'i h]g'hc'fYZYW' ]cb'\ck' ] Ub'B'YYfj Yb'g'Z' h' f]gh]W]a U[ ]b]b[ 'g\YXg' ] [ \h'cb'Wc'bh'a dcfUfmgc'WU''fYU' ]h]g'Z'UbX'c'ZYfg' ]bg][ \hg'hc'gc'WU''fYgYUfW' d'fUW' ]W''

Hi fb]h]b'gYHh]b[ . H\ ]g'Ugg][ ba Ybh]g'gi Va ]h'X'h'fci [ \Hi fb]h]b'UbX'gh'XYbtrg'Xc' bch'gYY'Hi fb]h]b' g]a ]Uf]m'fYdc'f'g''

5 HbXUbW F Yei ]fYa Ybhg

Gh XYbhg'a i ghUhbX', 'ci hcZU''%\$'gWYXi 'YX'WUggYg'i b'Ygg'hYm\Uj Y'hY'fYei ]fYX'XcW a YbhUhcB"  
 H\]g' ]bW' XYg'UbmZ'Y'Xk cf\_'cf'\ca Yk cf\_'UW]j ]hYg'h.UhZU''k ]h ]b'hY'hYfa "'-#gca Y'WfW a ghUbWg  
 U'hYfbU]j Y'UffUb[ Ya Ybha UmVY'a UXY'Zcf' ]bX]j ]Xi U'ghi XYbhg" D'YUgY 'VcbUW'hY'Vcbj Ybcf'hc'X]gW gg"

7 ci fgY'GWYXi `Y

[J \]Yk 'WUgg'ha YhUVY](#)

H]a YhUVY`

8UH	HmdY	7cbhYbh
K YY_% %+: YVfi Ufm! &% : YVfi Ufm	Hcd]W	G Yh]b[ 'hY'gWbY'Zcf'XYW'cb]g]b[ 'fYgYUfW
	GYa ]bUf	<p>h' ]g'k YY_ ]gYa ]bUf'k Y'X]gW gg'hY                      V'ci fgY'cV'YW]j Ygza cXYg'cZXY' ]j Yfmz                      gh XYbhYI dYWUhcBgZ'UbX'UggYgga YbhiUg_g"                      K Y'U'gc'YghU' ]g\ 'k \Uhighi XYbhg'U'fYUXm                      _bck 'UVci hgcW]U'fYgYUfW'UbX                      ]bfcXi W'gcW]c'c[ ]W]U'UbX                      Ubh'fcdc'c[ ]W]U'dYfgdYW]j Yg'cb'fYgYUfW'zdfcj ]X]b[                      U'g\cfh\]g]f]W]U'fYZYW]cb'cb'hY'Ya Yf[ YbW                      cZfYgYUfW'a Yh'cXg'UbX'Yh ]W]U'df]bW]d'Yg"</p>
	F YUX]b[	<p>7 cbbY`zF "'&amp;\$ \$+z'f a d]fY'UbX'hY'WYUhc'cZU                      gcW]U'gW]YbWf]b'E agfZWd' fZWdk, fZWV'k`S_ [Ue aX                      ]` ai 'WYW[ eaU[S^eU[W UWz5`Yb/ 'I bk ]bz                      GnXbYnzd"' !&amp;)"</p> <p>: Ycf[ Yz@'&amp;\$% z'f]h]f]b[ 'i d'g]YbW. 'K \UhiXcYg                      XYW'cb]g]b[ 'Ubh'fcdc'c[ m]b'5chYUfcU'BYk                      NYU'UbX'fYU'ma YUb3f5a__ a` [ Y 7fZ` aYdSbZkz                      j c"'%z'bc"'%z'dd"'%d*"</p>
< ca Yk cf_	D'YUgY ]bU' ]gY'mci f'fYUfb]b[ 'ghUha YbfiUbX'i d'cUX ]h'hc' A ccX'Y'Vm) da z'Gi b'&' : YV"	
K YY_&.&( : YVfi Ufm! &, : YVfi Ufm	Hcd]W	GcW]U' F YgYUfW' Ug' hYfj Ybh]cb
	GYa ]bUf	<p>h' ]g'k YY_ ]gYa ]bUf'k Y'k ]`YI d'cfY                      hY'fY'UhcBg\ ]d'VYh' Y'Yb'f'hY'gcW]U'UbX'fYgYUfW"                      K Y'k ]`U'gc'ei Ygh]cb'k \m'hY'k'c'UfY'gc' ]bh]a U'h'm                      ]b_YX": ]bU'nz'gh XYbhg'k ]`VY ]bfcXi W'X'hc                      Yh'bc[ fUd\nz'hY'a U]b'fYgYUfW'a Yh'cX'`i gYX' ]b                      Ubh'fcdc'c[ m]UbX'UW'cgg'gca Y'fYgYUfW' ]b                      gcW]c'c[ m'</p>
	F YUX]b[	<p>&lt; ]fgWUi Yfz'G'&amp;\$ \$*z'f]d' h]b[ 'h]b[ g' ]bhc                      k cfXg. Yh'bc[ fUd\ ]WXYgW]d]h]cb'UbX'hY'g]YbW'cZ                      hY'gcW]U'z: g_ S` E fgV[Wet'j c"'&amp;-z'bc"'(z                      dd"'(% !(%)</p> <p>F cgYz8 %- &amp;z6 [ Ya _ S] We ge Zg_ S` z7 Ua Vf]X[ Y                      I b]j Yfg]mDfYggz7 Ua Vf]X[ Yzdd"'%(%)</p>



		5XX]rcbU`hYI hZcf`hcgY`jbhFYghYX. ; fcgZc[ i Y`žF`&\$\$+`"H\Y`Yd]ghYa ]WXYWc`cb]U`h fbž 7i`h fU`Gh X]Ygžj c`"&%žbc`"&!`ždd`"&%&`&`"
K YY_) : %*`A UfW !`&\$ A UfW	Hcd]W	9h]Wg
	GYa ]bUf	ž`h]g`k YY_`g]gYa ]bUf`k Y`k ]`Wc]bg]XYf`hY`fc`Y`cZ Yh]Wg ]b`dfcXi W]b[ `gcW]U`fYgYUfW`a UHf]U`g` f; fci d`Hk c`DfYgYb]U]cbf
	F YUX]b[	7 UghYbYXUžE`&\$\$*ž9h]bc[ fUd`m]b`hY`Zc`fYgh Ub`UbU`mg]g`cZYh]Wg ]b`hY`a`cFU`g`cZUb]h`fcdc`c[ nž 5g`fgd`^3`fZ`daba`hYkžj c`"&%žbc`"%ždd`"%&%`(`)" QW]Yf]i [ \YgžB`%-`- ) žH\Y`df]a UWh`a UW6

‰





		) - *!*\$*
K YY_%% '&+ 5df]'! '&, 5df]'	Hcd]W	7 c b h y b h U b X ' 8 ] g W t i f g Y ' 5 b U ' m g ] g
		<p>         ð ' h \ ] g ' g Y a ] b U f ' k Y ' g Y Y _ g ' U b g k Y f g ' h c ' h Y ' e i Y g h ] c b .          K \ Y f Y ' X c ' k Y ' [ Y h c i f ' ] X Y U g ' U b X ' k \ U h W U b ' k Y ' X c          k ] h ' h Y a 3 ' K Y f i ' Z c W g ' c b ' X ] g W t i f g Y ' U b U ' m g ] g ' U g ' U          a Y h c X ' Z c f ' g c W U ' f Y g Y U f W ' d i f d c g Y g ' U b X ' d f U W ' W U ' m          U g g Y g g ' h Y ' k U m g ' ] b ' k \ ] W ' ' U b [ i U [ Y ' W t a Y g          h c ' V Y f U m W f U ] b ' g c W U ' d c g ] h c b g ' U b X ' X ] g d c g ] h c b g ž          f Y j Y U ' ] b [ ž c Z h b ž ' W t j Y f h ] X Y c ' c [ ] Y g ' h f c i [ \          b c f a U h j ' Y ' ] X Y U ' g "       </p>
	R/b d i n g	<p>         F c g Y b V Y f [ ž A ' &amp; \$ % % ž ; c ' X Y b ' f Y f ] Y j Y f g ' U f Y ' k \ ] h ž          d ] h V i ' g ' U f Y ' V ' U W _ U b X ' W X ] i U \ i U g ' U f Y ' \ ] g d U b ] W       </p>

# F Ygci fWg

## DfYgWf]VYX`F Ygci fWg`

H\ fYU`UXX]hcbU`hYI hg`UfY`fYeI ]fYX`rc`Wta d`YhY`UggYgga YbhcbY`UbX`h\ fYU`D`YUgY`Z]bX`h\ YgY`hYI hg`  
`cWUfYX`]b`h\Y`hYI h`]ghcb`A ccX`Y"

## F YWta a YbXYX`F Ygci fWg

K \]ghh\Y`]bhYfbYh]g`bchfYWta a YbXYX`Ug`mci f`Z]fghdcfhcZWU`Zcf`fYgYUfWz`]hWU]b`cZ]f`gca Y`j U`i UV`Y`  
]bZcfa Uhcb`fY[ UfX]b[ `5bh`fcdc`c[ m]UbX`GcW]c`c[ mZ`Yh`]WgZ`Wc`XYg`cZYh`]WgZ`gcW]U`fYgYUfW`a Yh`cXgZ`  
UXj`cWUWm]UbX`i a Ub`f][`hY"

D`YUgY`gYY`h\Y`fYWta a YbXYX`Ufh]WYgZ`WUdhYfg`UbX`Vcc\_g`]b`h\Y`f]i [ [ YghYXfYgYW]cb`cZ]hY`7`ci`fgY`HYI`h`  
@]gZ`k`h\W]mci`a`Um]Z]bX`rc`VY`i`gYZ``k`h\Yb`Wta d`Yh]b[ `h\Y`UggYgga Ybh]g`]b`h`]g`Wci`fgY"

## 7ci fgY`9j U`i Uhcb`UbX`8Yj Y`cda Ybh

hZcfa Uhcb`cb`Wci`fgY`Yj U`i Uhcb`UbX`XYj Y`cda Ybhk ]`VY`a UXY`Uj U]UV`Y`rc`gfi XYbh]g`]U`  
A ccX`Y`rc`k UfXg`h\Y`YbX`cZ]hY`hYfa`":`cf`a`cfY`]bZcfa UhcbZ`gYY`  
h`tdg`#hYUW]b[ `i`bgk`"YXi`"Ui`#a`mYI`dYf]YbW

## 5W\_bck`YX[ Ya Ybh

I`BGK`5i`ghfU`]U`g`?Ybg]b[`rcb`W]a`di`gZ`cb`k`h\W]h\Y`G]W]cc`cZGcW]U`G]W]YbW]g`]g`h`ci`gYXZ`]g`Vi`]hcb`  
h\Y`UbX`cZ`hX][`Ybci`g`5i`ghfU`]Ub]g`"K`Y`dUmci`f`fYgdYW]g`rc`h\Y`6YXY[`U`dYcd`Y`cZ]hY`9cfU`bUhcb`k`h`c`  
UfY`h\Y`hX][`Ybci`g`C`k`bYfg`cZ]h`]g`UbX`"K`Y`UW\_bck`YX[`Y`U`5Vcf][`]bU`UbX`Hc]fYg`G]hU]h`g`UbXYf`  
dYcd`YgZ`h\Y`:]fgh5i`ghfU`]Ub]gZ`k`h`cgY`UbXgZ`k`]bXg`UbX`k`UhYfg`k`Y`U`bck`g`h\UfYZ`UbX`dUm]fYgdYW]h`rc`h\Y`f`  
i`b]ei`Y`j`U`i`YgZ`UbX`h\Y`f`Wcb]h]bi`]b[`UbX`YbXi`f]b[`W`h`fYg`k`h\W]XYYdYb`UbX`Ybf]W]h\Y`Z]cZci`f`bUhcb`  
UbX`Wta`a`i`b]h]Yg"

Gi Va ]gg]cb`cZ5ggYgga YbhHUg\_g

Gi Va ]gg]cb`cZ5ggYgga YbhHUg\_g

Hi fb]hb`Gi Va ]gg]cb

Ʒmci`YbWci`bhYf`U`dfcV`Ya`k`Yb`U`H`Ya`dh]b[`hc`gi`Va`]hmc`i`f`Ugg][`ba`Ybh`h`fci`[`\`Hi`fb]hb`z`d`YUgY`  
H`Y`d`l`cb`Y`9I`H`fb`U`Gi`ddcfh`cb`-`,`)`'`'`'`%`cf`Ya`U]`h`Ya`cb`YI`H`fb`U`H`h`gi`ddcfh`4`i`bgk`"YXi`"Ui`"Gi`ddcfh`  
`l`ci`fg`UfY`,`.\$\$Ua`-`%\$.\$\$da`cb`k`YY`XUmg`UbX`-`.\$\$Ua`-`).\$\$da`cb`k`YY`YbXg`fI`\*)`XUmg`U`m`Y`UfL`"Ʒmci`  
UfY`i`bUV`Y`hc`gi`Va`]hmc`i`f`Ugg][`ba`Ybh`Xi`Y`hc`U`Z`U`h`k`]h`Hi`fb]hb`mci`a`Um`Udd`m`Z`f`Ub`YI`H`bg]cb`z`Vi`hmc`i`  
a`i`gh`f`Y`h]b`mci`f`h]W`Y`h`bi`a`VY`f`Z`ca`9I`H`fb`U`Gi`ddcfh`f`U`cb[`k`]h`Ub`m`c`h`Y`f`f`Y`j`Ub`h`X`c`W`a`Y`b`h`g`L`hc`  
]b`Wi`XY`Ug`Y`j`]X`Y`b`W`hc`gi`ddcfh`mci`f`YI`H`bg]cb`Udd`]W`h]cb`"Ʒmci`Ya`U]`9I`H`fb`U`Gi`ddcfh`mci`k`]`  
Ui`h`ca`U`h]W`m`f`Y`W`j`Y`U`h]W`Y`h`bi`a`VY`f`z`Vi`h]Z`mci`H`Y`d`l`cb`Y`mci`k`]`b`Y`Y`X`hc`gd`Y`W`Z`W`m`Ug`\_`Z`f`cb`Y`  
Hi`fb]hb`U`gc`d`fcj`]X`Y`g`i`d`X`U`H`g`i`cb`h`Y`j`f`g`m`g`h`Ya`g`h`U`h`g`i`cb`Hk`]h`Y`f`"

;`Yb`Y`f`U`m`z`Ugg`Y`gga`Y`bh`h`Ug`\_`g`a`i`gh`V`Y`gi`Va`]h`Y`X`Y`Y`W`f`cb]W`m`j`]U`Y`]h`Y`f`Hi`fb]hb`cf`U`A`cc`X`Y`  
Ugg][`ba`Y`bh`h`b`]b`g`h`U`b`W`g`k`Y`f`Y`h`l`g`]g`b`ch`id`c`g`g]V`Y`z`]h`k`]`V`Y`g`h`U`H`X`i`cb`mci`f`W`ci`fg`Y`g`A`cc`X`Y`g`]h`k`]h`  
U`h`f`b`U`h]`Y`gi`Va`]gg]cb`XY`h]g`"

:`cf`]b`Z`c`fa`U`h]cb`cb`l`ck`hc`gi`Va`]h`Ugg][`ba`Y`bh`g`cb`]b`Y`j`]U`A`cc`X`Y`.\`h`td`g`#`gh`XY`bh`i`bgk`"YXi`"Ui`#`ack`!  
gi`Va`]h`Ugg][`ba`Y`bh`a`cc`X`Y`"

## 5 WUXYa ]W<c bYghmiUbX`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 gž`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[ Ygž`UfhUbX`XYg][ b`dfc`YWgž`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`U`b[ ]b[ `U`ZYk `k cfXg`UbX`d`fUgYg`k \]Y`a cghmiFYhU]b]b[ `hY`cf][ ]bU`  
ghfi W`i fY`UbX`#`f`dfc[ fYgg]cb`cZ]XYUg`cZ`hY`cf][ ]bU`ž`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`Yž`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`XUHYž`cf`Zc`f`hY`di fdcgY`cZ`hY`a

- i bXYfghUjX'mci f'f][ \hg'UbX'fYgdcbg]V]h]Yg'Ug'U'gh XYbhUhl BGK
- VY'Uk UfY'cZd'U[ ]Uf]ga ž'Wc'dmf][ \hž' BGK 'Gh XYbh7cXY'cZ7cbXi W'UjX'5W'W'dhUV'Y'I gY'cZ  
I BGK '⇒H'F'Ygci f'W'g'Dc'W'h
- VY'Uk UfY'cZ'U'g'U'X'U'f'X'g'c'Z'V'Y'\U'j ]ci f'Y'I d'Y'W'X'c'Z'Y'j Y'f'm'c'b'Y' ]b'U'Y'I BGK 'W'c'a'a'i'b]m
- 'c'W'U'h'g'Y'f'j ]W'g'U'j'X' ]b'Z'c'f'a U'h'c'b'U'V'c'i h'l BGK 'U'j'X'I BGK '@]V'f'U'f'm

Gca Y'cZ'U'g'Y'U'f'Y'U'g'k ]''V'Y'Z'J'a ]]U'f'U'c'mci ž'c'h'Y'f'g'k ]''V'Y'b'Y'k "; U]b]b[ 'U'g'c'X'i bXYfghUjX]b[ 'cZU''U'Y  
f'Y'U'h'X'U'g'd'Y'W'g'c'Z'9@-G'9'k ]''\Y'd'mci 'a U\_Y'U'Y'a c'g'h'c'Z'mci f'g'h X]Y'g'U'hl BGK ""

[\h'c'.#g'i V'Y'W'f'i \]X'Y'g'' \]V'f'U'f'm'i b'g'k "Y'X'i "U'i #' \]g'Y'#U'V'c'i h'Y' \]g'Y](#)

5 WUXYa ]WbZcfa Uh]cb`

: cfYggYbh]U`ghi XYbh]bZcfa Uh]cb`fY`Uh]b[ `rc.

- fYei Ygh]Zc`fYI hYbg]cb/
- `UhY`gi Va ]gg]cbg`[ i ]XY`]bYg/
- fYj ]Yk `cZa Uf\_g/
- I BGK `<YU`h`UbX`GUZY`midc`]WYg/

