

# ARTS2122

DYfZcfa UbWV`DfcXi Wjcb

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

7ci fgY`Cj Yfj ]Yk

GHJZZ`7cbHJW`8YHU]`g

7cbj Ybcfg

B Ua Y	9a U]`	5j U]`UV]`]m	@cW]h]cb	D\cbY
A Y[ `A i a Zc fX	a "a i a Zc fX4 i bgk "YXi "Ui	6mUddc]bha Ybh	F cca `%%&ž K YVghYf`6`X[	- ' , ) ` ( , * )

Hi hcf g

B Ua Y	9a U]`	5j U]`UV]`]m	@cW]h]cb	D\cbY
5b h\YU`K ]`]Ua g fB ]fYW`c fŁ	a "a ]h\XY`4 i bgk "YXi "Ui	8U]`m]b`fY\YUfgU` UbX`VmUddc]bha Ybh	€`A nYfg Gh X]c	- ' , ) ` ( , * ' fWŁ`A Uf_ A ]h\XY`Ł
A Uf_`A ]h\XY` fDfcXi W]cb A UbU[ YfŁ	a "a ]h\XY`4 i bgk "YXi "Ui	8U]`m]b`fY\YUfgU` UbX`VmUddc]bha Ybh	€`A nYfg Gh X]c	- ' , ) ` ( , * '
DUi `A U h\Yk g fBYg][ bYfŁ	d"a U h\Yk g4 i bgk "YXi "Ui	8U]`m]b`fY\YUfgU` UbX`VmUddc]bha Ybh	€`A nYfg Gh X]c	- ' , ) ` ) ' +,

GWXcc`7cbHJW`bZcfa Uh]cb

GWXcc`cZ h\Y`5fng`UbX`A YX]U

F cca ` ` %&ž@Yj 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`GWXcc`cZ h\Y`5fng`UbX`A YX]U`k ci `X`\_]Y`h`F YgdYWz`m5W\_bck`YX[ Y`h\Y`HfUX]h]cbU`7i`grcX]Ubgž  
h\Y`6YXY[ U`fP`Ybg]b[ hcb`WŁa di gŁž; UX][ U`f7 ]mUbX`5fni`8Yg][ b`7 Ua di gYgŁ`UbX`h\Y`B [ i bbUk U`  
dYcd`Y`fBi`ghU]Ub`8YZYbW` : cfW`5WUXYa m]b`7 UbVYffUŁ`cZ h\Y`UbXg`k`YfY`YUW`WŁa di g`cZI`BGK`]g  
`cW]hYX"



g\UdY'cZh\Y'Z]bU'dYfZcfa YX'dfcXi Wžmci f'gi [ [ Ygh]cbg'UbX'dYfgdYWh] Yg'cb'h\Y'Ybei ]fmUfY  
fY`]YX'i dcb'UhU`'h]a Yg"H\Uh]gž'h\Y'Wēi fgY'\Y'dg'mci 'hc''YUfb'Vch'hc'hU\_Y'X]fYWh]cb'Zfca 'U  
dfcZYgg]cbU'dfUWh]h]cbYfz'UbX'hc''YUX'UbX']b]h]UhY'XYW]g]cbg'UbX'UWh]cbg''DufhcZmci f'hUg\_]g'hc  
bUj ] [ UhY'h]g'Wēa d'Yi 'dfcWgg'k ]h\ [ YbYfcg]ImiUbX']a U[ ]bUh]cb"

H\]g'Wēi fgY'cZYfg'U'fUfY'cddcfhi b]Imik ]h\]b'h\Y'65']b'H\YUfY'UbX'D

b\$

## 5ggYgga Ybh

Q-YFY'mci 'WUbc'i h]bY'UbmfiY'Yj Ubh]bZcfa Uh]cb'hUhk Ug'bc]b]bWl XYX' ]b'5 A G'Vi ha Umidfcj Y'\Y'dZ' 'Zcf mci f'gh XYbhg": cfYI Ua d'Yžmci 'a ][ \hdfcj ]XY'XYHJ]g'cb'hY'fYZfYbW]b[ 'gmghYa ž' ]b\_g'hc'dfYj ]ci g gh XYbhYI Ya d'Ufg'cf'hY'XYg][ bUH'X'k YY\_] ]b'hY'Wci fgY'hUhmc'i 'k ]'X]gW gg'hY'UggYgga YbhUh'Yb[ h" a dcfUbh'mž'h]g'gYW]cb:]g'Ub'UFYU'Zcf'mci 'hc'dfcj ]XY' ]bZcfa Uh]cb'hUhXcYg'bc]b[ c'h'fci [ \ 'hY'Uddfcj YX [ cj YfbUbW'ghfi W'i fY"Q

## 5ggYgga YbhHUg\_g

5ggYgga YbhHUg_g	K Y][ \ h	8i Y'8UH	Gh XYbh@YUfb]b[ Ci hWta Yg'5ggYggYX
7cbf]Vi h]cb'hc'DfcXi W]cb'	* \$i	: fca 'hY'Z]fghfY\YUfgU'cb % # \$ % & % 'hc'hY'Z]bU' dYfZcfa UbW"	%ž'&ž' ž(ž)
F YZYW]j Y'>ci fbU'	' \$i	\$, # \$ ' # & \$ & % % ) - 'DA	%ž'&ž' ž*
DfcXi W]cb'6'c[ ']	%\$i	6ma ]Xb][ \ hcb'YUW'cZ'hY XUmg'mci '\Uj Y'VYYb U'cWUH'X'hc'VY'GHJ[ Y A UbU[ YF"	&ž) ž*

## 5ggYgga Ybh8YHJ]g

5ggYgga Ybh% '7cbf]Vi h]cb'hc'DfcXi W]cb

GHUfhXUH. 'Bch5dd]WUVY

8YHJ]g.

8Yj Y'cdYX'h'fci [ \ci hfY\YUfgU'dfcW'gg'UbX'di V']WdYfZcfa UbW'g"

: cfa Uh] Y'UbX'gi a a Uh] Y'ZfYXVUW'fYW]j YX'k ]h]b'' 'k YY\_g'cZ]bU'dYfZcfa UbW"

5XX]h]cbU'XYHJ]g.

H\fc] [ \ci h'hY'fY\YUfgU'g'UbX'dYfZcfa UbW'g'Zcf'DWha fžE ZWeS[VžDWha fSYS[ 'mci 'a i ghWcbf]Vi h'hc'hY'WcbW]j ]b[ ža U\_]b[ 'UbX'dfYgYbh]b[ 'cZmci f[ fci d'g'hY hVUgYX'hYUhfY'dfcXi W]cb'' Hc'h]g'YbX'mci a i ghg\ck 'UgdYW'g'cZdfcXi W]cb!fYUX]bYgg'gi W'Ug'di bW'i U'UbX'gh'cb[ 'UH'YbXUbW'ždfYdUFYXbYggž W'ca a ]ha YbhUbX'Yb[ U[ Ya Ybh'Mci 'a i ghU'gc'dcg]h]j Y'migi ddcfih'Y'dfcW'gg'cZc'hYfg'UbX'k cf\_'k Y' h'ck UfXg'bY[ c]Uh]b[ 'W'cbZ]W]b[ ' ]XYUg'UbX'UH]h XYg"

K \Yb'UggYgg]b[ 'mci f'Wcbf]Vi h]cbžmci f'8]fYW'cf'UbX'7cbj Ybcf'k ]''č]bhmiVY'cc\_]b[ 'Uh

- Ud\sf]hWSbbcaSUZ. \ck 'Z]f'mci 'XYj Y'cd'cf][ ]bU''XYUgžUbX'hU\_Y'f]g\_g'—'fYZWYX']bžZcf YI Ua d'Yžmci f'Wca a UbX'cZmci f'ck b'fc'Y ]b'fYUh]cb'hc'hY'k \c'Y'k cf\_/fYUh]cb'hc'ch'Yf dYfZcfa Yfg/mci f'h]a ]b[ 'UbX'gYbgY'cZgdUh]U']m'UV']]m'hc'Wca a i b]WUH'hY'h'Wca a UbX'cZ cV'YW'gž'a Uhf]U'g"



h.fci [ \ 'hY`c[ Vcc\_""ffYdfcXi W'X'k ]h`dYfa ]gg]cbE"

z.mci `WJb` \Ub[ `]b`hYfYz`fYw`c`fX`h`Y`W]gYgzh`fb]b[ `dc]bhg`z`gi`fd]gYg`zei`Ygh]cbg`z`UbX`Z]i`fYg`z`mci` `k`]"`  
\Uj`Y`gca`Yh]b[ `a`i`W`a`i`W`f]W`Y`f]b`A`U`f`W`""z`U`""Y`g`Y`Z]g`z`h`f`m`h`Y`g`Y`f`k`c`g`f`U`h`[ `]Y`g.

%` WYUHY`h`f`Y`ei`Y`g`h]c`b`g`U`h`h`Y`Y`b`X`c`Z`h`Y`X`U`m`h`U`h`f`Y`Z`Y`W`h`k` \`U`h]g`i`f`[`Y`b`h`c`f`U`f]g]b[ `Z`c`f`m`c`i` ""H`Y`m`  
a`][` \`h`v`Y`g`d`Y`W`Z`W`h`c`g`c`a`Y`h]b[ `m`c`i` `U`f`Y`X`c]b[ `z`c`f`a`c`f`Y`[`Y`b`Y`f`U`ei`Y`g`h]c`b`g`U`V`c`i`h`a`U\_]b[ `h`Y`U`h`f`Y`/  
&`f`Y`h`f`b`h`c`U`d`f`Y`j`]c`i`g`X`U`m`U`b`X`c`j`Y`f`k`f]h`Y`m`c`i`f`Y`b`h`f`m`k`]h`b`Y`k`c`V`g`Y`f`j`U`h]c`b`g`M`c`i`g`l`c`i`X`U`g`c`X`U`h`Y`  
U`b`m`b`Y`k` `Y`b`h`f]Y`g`"

H\Y`F`Y`Z`Y`W]j]cb

F`U`h`Y`f`h`U`b` \`U`b`X]b[ `]b`h`Y`Y`b`h]f`Y`>`c`i`f`b`U`h`c`h`Y`7`c`i`f`g`Y`7`c`b`j`Y`b`c`f`z`h]g`U`g`g`Y`g`g`a`Y`b`h`U`g`\_`g`m`c`i` `h`c`g`Y`Y`W`h`  
\_`Y`m`g`Y`W]j]c`b`g`""H`Y`g`Y`a`][` \`h`v`Y`h`Y`W]g`Y`g`U`b`X`ei`Y`g`h]c`b`g`a`Y`b`h]c`b`Y`X`U`V`c`j`Y`z`c`f`h`Y`m`a`][` \`h]b]c`j`Y`  
g`c`a`Y`h]b[ `Y`g`Y`U`[`U]b`""h`U`X`X]h]c`b`z`U`h`Y`U`g`h`c`b`Y`Y`b`h`f`m`g`l`c`i` `X`f`Y`g`d`c`b`X`h`c`b`Y`c`Z`h`Y`g`Y`h`f`Y`U`X]b[ `g`f`c`b`  
A`c`c`X`Y`E`"

>`c`i`f`b`U`Z`F`Y`Z`Y`W]j]cb`1`F`Y`Z`Y`W]j]Y`>`c`i`f`b`U`

H\Y`f`Y`U`f`Y`f`k`c`W`c`a`d`c`b`Y`b`h]g`Z`c`f`g`i`V`a`]g`g]c`b.

%` >`c`i`f`b`U`G`Y`Z`5`g`g`Y`g`g`a`Y`b`h`c`f`a`""H`Y`]g]g`B`C`H`;`F`5`8`9`8`V`i`h`f`Y`e`i`]f`Y`X`h`c`d`U`g`g`h`Y`U`g`g`Y`g`g`a`Y`b`h`  
D`Y`U`g`Y`g`i`V`a`]h`h`]g]g]b` \`U`f`X`W`c`d`m`i`Z`c`f`a` `V`m`-`""`\$`U`a` `h`c` `A`U`f`\_`A`]h`W`X`Y`""c`b`A`c`b`X`U`m`%`:`Y`V`f`i`U`f`m`  
&`\$`&`%`H`Y`]g]g`Z`c`f`a` `]g]U`j`U]U`V`Y`]b`h`Y`5`g`g`Y`g`g`a`Y`b`h`g`Y`W]j]c`b]b`A`c`c`X`Y`""M`c`i`f`7`c`b`j`Y`b`c`f`k`]""d`f`c`j`]X`Y`  
Z`Y`X`V`U`W`\_`k`]h]b`%`k`Y`Y`\_`c`Z`g`i`V`a`]g`g]c`b`"  
&`"

Gi a a Uhj Y ZYXVUW\_fYVWj YX'k ]h ]b'' k YY\_g'cZgi Va ]gg]cb"

5XX]h]cbU`XYHJ]g.

Mci 'k ]`VY`U`cWUHYX`' `cf'a cfY`XUmg`h'fci [ \ci hiHY`fY\YUfgU`UbX`dfcXi W]cb`Zcf'k \]W]mci 'k ]`VY`  
GHU[ Y'A UbU[ Yf": cf'hY`XUmg`mci ` \Uj Y`VYyb`Ugg][ bYXZmci 'k ]`Wca d`Yh`U`GHU[ Y'A UbU[ Yffj`F Ydcfř  
k \]W]g\ci `X`VY`Ub`cf[ Ub]gYX`UbX`dfUW]WU`fYVcfX`cZYI YfW]gYg`UbX`UW]j ]h]Ygž`\_YmX]gW`gg]cb`dc]b]gž  
hYVXb]WU`bchYgž`UbX`UW]cb`dc]b]g"fl b`\_Y`mci f`>ci fbU`]hXcYg`bchWcb]U]b`mci f`dYfgcbU`fYZYW]cbg"Ł  
C bY`cZHY`\_YmZ`bW]cbg`cZHY`fYdcfh]g`h`dfcj ]XY`Ub`UW]W`fUHY`UbX`i gYZ`S[VWZ`\_W`\_a[dWZcfYUW  
dUfh]W]dUbh]b`hY`dfcXi W]cb`Ug`h`k \UhiHY`dYfZcfa`UbW`YbgYa`V`Y`Ug`XcbY`UbX`X]gW`ggYX`cb`cbY`XUm  
cZfY\YUfgU`cf`dYfZcfa`UbW`UbX`#cf'k \Uh]hbYXg`h`dfYdUfY`cf`WcfYW]h`Zcf`hY`bYI`hXUm`C`b`hY`XUm`h`Uh  
mci `UfY`GHU[ Y'A UbU[ Yfžmci 'k ]`U`gc`bYXX`h`Uffj] Y`U`]hY`YUf`mž`WXYW`hY`dfYj ]ci g`XUm]g`fYdcfř`UbX  
\Y`d`dfYdUfY`hY`gdUW"

H\]g`UggYgga`Ybhk ]`VY`UggYggYX`UW]cfX]b[ `h`hY`Z`ck ]b[ `W]h]f]U.

- WUf]miUbX`YZYW]j`YbYgg`cZgi`a`a`UfmcZ`\_YmYI`YfW]gYg`UbX`X]gW`gg]cbg
- XYHJ]`UbX`Wca`d`Yh`bYgg`cZHYVXb]WU`bchYg`UbX`UW]cb`dc]b]g

9UW`cZmci`f`Yb]f]Yg`k ]`VY`gi`Va`]hYX`h`Ub`cb`]bY`XcW`a`Ybhj`]g]V`Y`h`U`W`i`fgY`ghUZZ`UbX`dUfh]W]dUb]g"  
Mci 'k ]`VY`]bZcfa`YX`UVci`hih]g`cb`]bY`ZUW]j]mcb`hY`ZfghXUm`Mci 'k ]`fYVW]j`Y`Zcfa`Uhj`Y`ZYXVUW`\_



## 5 HbXUbW F Yei JfYa Ybhg

5 HbXUbW UH U fY UfG U g UbX dYfZcfa UbWg Jga UbXUhc fm]b h Jg Wci fgY Ug hYmUfY X JfY Wm UggcW UH X k Jh U 7 ci fgY @YUfb]b [ C i hWca Yg ZU gh XYbhXS fa SffW V i [fZagf YaaV USgeWU h YUgh , \$i cZ hY ( k YY\_g cZfY UfG U g UbX %\$\$i cZ hY DfcXi W]cb K YY\_ UbX hY DYfZcfa UbW K YY\_ z h Jg k J VY Wci bhX Ug U bcb!gi Va Jgg]cb cZ5ggYgga Ybh%f7 cbf]Vi h]cb hc DfcXi W]cb. \* \$i E

Mci fdfcZygg]cb U]ga Jg Uggi a YX ]b h Jg Wci fgY Mci UfY YI dYWYX hc h fb i d'cb!hja YzYj Yfm]ha Yz dfYdUfYX UbX Wca a JhYX hc Wcbf]Vi h hc U hUa dfc YW Zmci UfY ] zfi bb]b [ UH cfZcf gca Y [ ccX fYUgcb ]h]g ja dgg]V Y Zcf mci hc UHbX U fY UfG U z ]h]g mci f fYgdcbg]V ]mhc WcbhUW h Y 7 ci fgY 7 cbj Ybcf fA Y [ A i a ZcFX UbX DfcXi W]cb A UbU [ Yf fA Uf\_ A ]hY Y E Ug gccb Ug dgg]V Y UbX hc dfcj ]XY fY Yj UbhXcW a YbhU]cb YI d'U]b]b [ hY fYUgcb Zmci WUbbchU hY bX U dYfZcfa UbW hYgY ghUZZa Ya VYfg a i ghVY WcbhUWYX ja a YX]U h m : U]i fY hc Xc gc k J VY hYU hX Ug bcb!U hY bX UbW B ch]W h]cb cZ UVgYbW Jg U gc Ub ja dcfU bhWci fYgmhc mci fZY ck WghUbX WYk a Ya VYfg"

## 7cj JX!% < YU h / GUZYhm bZcfa Uh]cb

D YUg Y j ]g]h h ]g]g]h \ hrdg. ## k k "Ufng"i bgk "YXi "Ui #gUa #WYU h j Y!dfUW]W #g a Y!hja VYfm WYU h j Y!dfUW]W! UV#<j JX!gUZY!dfUW]Wg UbX fYUX hY h h X]c #DYfZcfa UbW 7 UggfY W]cb Uh hY Vchca cZ hY dU [ Y " #fg ja dcfU bhhc bch h Uhk Y Ug\_ mci hc Vf]b [ mci f'ck b'a Ug\_g UbX k YUf hYgY dUf]W Uf m k \Yb YbhY]b [ UbX YI ]h]b [ hY Vi ]X]b [ " 8 c b f i Z c f Y h h c Z c k h Y U h g h \ Y U h U X j ] W U b X k Y U f m c i f a U g \_ g ] b ] b X c c f d i V ] W g d U W g ] b W i X ] b [ g \ c d g U b X d i V ] W f U b g d c f h K Y k J V Y W c b g h U b h m W Y W ] b [ k \ U h ] g V Y g h d f U W ] W U b X k J k c f \_ k ] h h U h K Y U f Y U g c \ U d d m h c X ] g W g g k \ U h ] g V Y g h Z c f m c i f c k b W c a Z c f h U b X \ Y U h " < Y f Y ] g h Y ] g ] h U X X f Y g g U [ U ] b .

\ hrdg. ## k k "Ufng"i bgk "YXi "Ui #gUa #WYU h j Y!dfUW]W #g a Y!hja VYfm WYU h j Y!dfUW]W! UV#<j JX!gUZY! dfUW]Wg

## 7 ci fgY GWXYXi Y

[J Jk WUgg ha YhUV Y](#)

Hja YhUV Y

8UH	HmdY	7cbhYbh
K YY_ % %) : YVfi Ufm! %- : YVfi Ufm	fci d'K cf_	H\]g Wci fgY fi bg Zcfa hY ZfghXUmicZfY UfG U z % >Ubi Ufm&\$&%z hc hY Z]b U gi a a Uhj Y ZYXVUW_ a ca Ybhcb %) A UfW " #hU_Yg d'UW a U]b md f]c f hc hY Wca a YbW a Ybh cZHYfa % GYY hY 7 ci fgY 7 cbj YbYfz 8 f A Y [ A i a ZcFX fa "a i a ZcFX4 i bgk "YXi "Ui E Ug k Y U g A ccX Y Zc f hY fY UfG U UbX dfcXi W]cb gWXYXi Y " Gh XYbhg g\ci X bch h Uh fY UfG U g fi b -.' \$Ua !). ' \$da A cbXUmhc : f]XUmZcf hY UghZci f k YY_g cZ hY Gi a a Yf 6 fYU_ f% # \$ % # & % ! % & # & # & % z UbX hYmia i ghUgc VY Uj U]UV Y ). ' \$!%\$. ' \$da A cbXUm: f]XUm]b K YY_ % cZH % Zc f hY W b ] W U fY UfG U g UbX ). ' \$!%\$. ' \$da A cbXUm i G U h fXUm]b



## F Ygci fWg

### DfYgWf]VYX`F Ygci fWg`

GYY`A ccX`Y`UbX`C b`]bY`F YUX]b[ `F Ygci fWg`Zc`h`Y`Z`ck`]b[ `UbX`ch`Yf`fYUX]b[ g`UbX`Ui X]c]j ]gi U`  
a UHf]U`g.

K \_`%`9`]bcf: i WgZ`P: f]J ]g]hlc`U`Ga U``D`UbYh`Gca Y`E i Ygh]cbg`hc`5g\_`5`D`Unf]F ZVsfWz` ( z`f&\$\$`(\$`  
(!`-`"``

K \_`&.`h`W

K \_`"`. `H]a `9`hWY`gZ`f`C`b`F ]g\_`UbX`-`b] Ygha Ybh]b`5`WdS[ `8dSY\_`W`fe, 5a`fW\_`ba`Sck BWd`ad\_`S`UWS`V`  
8adUW`7`fWdS[ \_`W`f]f`cbXcb.`F`ci`hYX[ Y.`%`--`L`dd``(,`!`-`"

### F YWca a YbXYX`F Ygci fWg

GYY`A ccX`Y`UbX`C b`]bY`F YUX]b[ `@]gh`

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

Gh XYbhYj U`i Uh] Y`ZYXVUW`cb`h`Y`Wci fgY`]g[`U`h`Y`fYX`dYf]cX]WU`nzi`g]b[ `Ua`cb[ `c`h`Y`f`a`Y`Ubg`h`Y`  
I`B`G`K` `a`m`P`I`d`Y`f]Y`b`W`c`b`]b`Y`gh`XYbhWci`fgY`gi`fj`Y`m`Z`U`W`]m`f`g`Y`Y`  
`h`d`g.`#`h`Y`U`W`]b[ "i`bgk`"Y`Xi`"Ui`#`m`I`d`Y`f]Y`b`W`L`" `M`ci`f`ZYXVUW`]g`h`U`Y`b`g`Y`f]ci`g`n`z`UbX`W`c`b`h]bi`U`  
]a`d`f`c]`Ya`Y`bh`g`U`f`Y`a`U`X`Y`h`c`h`Y`W`ci`fgY`V`U`g`Y`X`]b`d`U`f`h`c`b`g`i`W`X`Z`Y`X`V`U`W`" `b`&`\$`%` `h`Y`a`c`g`h`g][`b]Z`W`U`b`h`  
W`X`U`b[`Y`a`U`X`Y`h`c`h`Y`W`ci`fgY`k`U`g`h`Y`g`h`f`Y`Ua` `]b]b[ `c`Z`h`Y`D`f`c`X`i`W`h]cb`6`c[ `f`G`h`U[`Y`A`U`b`U[`Y`f`f]`F`Y`d`c`f`h`c`]b`  
c`f`X`Y`f`h`c`a`U`\_`Y`h`Y`h`U`g\_`a`c`f`Y`a`U`b`U[`Y`U`V`Y`U`b`X`h`Y`f`Y`d`c`f`h`Y`U`g]Y`f`h`c`i`g`Y`V`m`h`Y`d`f`c`X`i`W`h]cb`Y`b`g`Y`a`V`Y`" `b`  
&`\$`%`-`h`Y`b`U`h`f`Y`U`b`X`g`W`X`Y`i`Y`c`Z`U`g`g`Y`g`g`a`Y`b`h`g`k`U`g`U`h`Y`f`Y`X`]b`][`h`c`Z`h`Y`a`c`j`Y`h`c`U`h`f]a`Y`g`h`f`g`m`g`h`Y`a`" `b`  
&`\$`&`\$`z`V`U`g`Y`X`c`b`g`h`XYbhZYXVUW`z`g`Y`a`]b`U`f`g`f`i`b`V`m`h`Y`7`c`b]`Y`b`Y`f`c`b`h`Y`g`Y`h`f`Y`U`X]b[ g`UbX`U`g`g`Y`g`g`a`Y`bh`  
h`U`g\_`g`k`Y`f`Y`]b`g`h]h`h`X`"

Gi Va ]gg]cb 'cZ5ggYgga YbhiHUg\_g

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

Ẓmci 'YbWci bHYf'U'dfcV'Ya 'k \Yb'UHYa dh]b[ 'hc'gi Va ]hmc i f'Ugg][ ba YbhiH'fci [ \ 'Hi fb]h]bž'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'fI \*) 'XUmg'U'mYUfI" Ẓmci  
UfY'i bUV'Y'hc'gi Va ]hmc i f'Ugg][ ba YbhiXi Y'hc'U'Zi 'hk ]H'Hi fb]h]b'mci 'a UmiUdd'm'Zc'f'Ub'YI HYbg]cbž'Vi hmc i  
a i ghfYH]b'mci f'h]W'Yhbi a VYf'Z'ca '9I HYfbU'Gi ddcfhfU'cb[ 'k ]H'Ubmich'Yf'fY'Yj UbhXcW a Yb'gk'hc  
]bWi XY'Ug'Yj ]XYbW'hc'gi ddcfhmc i f'YI HYbg]cb'Udd'j]W]h]cb" Ẓmci 'Ya U]'9I HYfbU'Gi ddcfhmc i 'k ]`

## 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']hYg'Ug'U'gh XYbhUhl BGK
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5 WUXYa ]W=Zcfa Uh]cb

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

- fYei Ygth`Zcf`Yl Hrbg]cb/