



# COMD5001

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HYfa `Hk c`#`&\$&%

7 ci fgY`Cj Yfj ]Yk

GHJZZ`7 cbHJW`8 YHJ]`g

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B Ua Y	9a U]`	5j U]`UV]`]m	@cW]h]cb	D\cbY
? f]g\bU`? "G\FYghU`	_f]g\bU"g\FYghU4 i bgk "YXi "Ui	9a U]`Zc`f`cb`]bY Uddc]bha Ybh	F cca `%) %ž A cfj Yb`6fck b 6i ]X]b[	\$( % %) %%%%

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A cfj Yb`6fck b`7 &\$

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d\cbY. '\$&`- ' , ) `%) \$+

7 ci fgY'8YHJ]`g

7 fYX]hDc]bfg`\*`

Gi a a UfmicZ`hY'7 ci fgY

5fY`mci` ]bHYfYghYX`hc`i` bXYfghUbx`k` \mihYfY` ]g`U`f]WX`k` cfX`UbX`hYfY` ]g`U`dccc`f`k` cfX3`K` \Uhi`mdY`cZgcW]c!  
YVcbca` ]WUbX`Ybj` ]fcb`a` YbHU`dc` ]WYg`WbV`VY` ]XYbh]ZYX`UbX` ]a` d`Ya` YbhYX`hc` UXXfYgg`gca` Y`cZ`hYgY`  
XYj`Y`cda` YbhWX`U`Yb[`Yg3`#`h` ]g`Wci` fgYz`mci` `k` ]`W]h]WU`mYb[`U[`Y`k` ]h`gYj`YFU`cZ`hY`fV][` ]ggi`Ygfi`  
VcbW`fb]b[` ]bHYfbU]cbU`XYj`Y`cda` Ybhdc` ]Wni`UbX` \][` \` ]`h`g`h`Y` ]b`\_`VY`hk`YYb` ]XYUg`z`dc` ]Wni`UbX`h`Y`fYU` ]m`  
cZXYj`Y`cda` Ybhk` ]h`Ub`Ya` d`Ug]g`cb`h`Y`WX`U`Yb[`Yg`ZUW]b[` ]c`W`V`Vca` a` i` b]h]Yg` ]b`XYj`Y`cd]b[` ]Vci` b]f]Yg`"  
H`Y`V`ci` fgY`V`YbXg`h`Ycf]Yg`cZXYj`Y`cda` Ybhk` ]h`h`Y`fUd]X`mYI`d`UbX]b[` ]X]gW]d` ]bY`cZ`di`V` ]Wdc` ]Wni`c`  
YbUV`Y`mci` ]hc`YI`Ua` ]bY`UbX`YI`d`U]b`h`Y`fU`h`z`Z`fa` ]UbX`d`U`h`f`bg`cZgcW]c!YVcbca` ]WUbX`Ybj` ]fcb`a` YbHU`  
XYj`Y`cda` YbhWX`U`Yb[`Yg`UbX`c`ddc`f`i` b]h]Yg`"Mci` `k` ]`YI`d`c`fY`h`Y` ]bZi`YbW`g`i` dcb`h` ]g`d`U`h`f`b]b[` ]UbX`h`Y`  
fYg`dcbgY`V`m`c`W`V`Vca` a` i` b]h]Yg`z`ghU`Y`cf[`Ub]gU]h`cbg`UbX`c`h`Y`f` ]bgh]h`h`cbg`"H`Y`V`ci` fgY`k` ]`U`gc` ]bW`i`XY`  
Yb[`U[`Ya`Ybhk` ]h`gYj`YFU`gYW`c`fU`dc` ]Wni`ggi`Yg`cb`gi`g`fU]bUV`Y`XYj`Y`cda` Ybhigi`WX`Ug`d`U`f`h]W]d`U]h`cbz`i`fV`Ub`  
dcj`Yf`m`z`Z`c`X`g`Y`W`f]m`z`Yei` ]m`z`W]a`U`h`Y`WX`Ub[`Y`UbX`X]gUghY`fg`"

7 ci fgY`@YUfb]b[` ]Ci`hVca`Yg

%`9I`d`U]b`\_`Ym`VcbW`d`h`z`Udd`fc`UWX`Yg`z` ]ggi`Yg`UbX`UWX`Yj`Ya`Ybfg`cZXYj`Y`cda`Ybh`h`Ycf]Yg`Udd`]YX`Ug`  
XYj`Y`cda`Ybhdc`]Wni`b`XYj`Y`cd]b[` ]Vci`b]f]Yg`  
&`8Yj`Y`cd`U`W]h]WU`d`YfgdY`W]j`Y`cZXYj`Y`cda`Ybhdc`]WYg` ]a`d`Ya`YbhYX`hc`UXXfYgg`\_`Ym`UgdY`W]g`cZ`  
i`bYj`Yb`XYj`Y`cda`Yb`h`z`Z`W`g]b[` ]cb`a`U`cf` ]a`d`]WU]h`cbg`Z`c`f`h`Y`c`W`V`Vca` a` i` b]h]Yg`  
'`" `I`bXY`fU`\_`Y`W]h]WU`g`c`WU`g`W]Y`b`W`f`YgY`U`f`W`z` ]bXY`d`Y`b`XY`bh`m`UbX` ]b`U`h`Ua` ]Ybj` ]fcb`a` Yb`h`z`UbX`  
XYj`Y`cd`h`Y`\_`bck`YX[`Y`UbX`Vca` a` i` b]WU]h`cb`g\_]`g`bY`W`gg`U`f`m`i`c`Yb[`U[`Y` ]b` ]bHYfbU]cbU`  
XYj`Y`cda`Ybhdc`]Wni`UbU`mg]`UbX`d`fU`W]WY`

HYUWX ]b[` ]G`h`f`U`h`Y`[` ]Yg`

H` \]g`Wci` fgY` ]g`XYg][` bYX`hc`Vi` ]X`\_`bck`YX[`Y`UbX`g\_]`g` ]b`fY`U]h`cb`hc`XYj`Y`cda`Ybh`d`fc`V`Ya`g` ]b`XYj`Y`cd]b[`  
Vci`b]f]Yg`z`XYj`Y`cda`Ybhdc`]Wni`UbX`h`Y`Vcbg`Yei`YbW`g`cZdc`]Wni`UbX`dc`]Wni`fY`Z`fa` "H`Y`c`V`Y`W]j`Y` ]g`hc`  
Z`W`g`cb`h`Y`fU`b[`Y`cZ`k`U`mg`k`Y`W`b` ]XYbh]Z`m`XYj`Y`cda`Ybh`Ug`Ub` ]ggi`Y`f`Z`c`f`YI`Ua`d`Y`Ug`d`c]`Yf`m`c`f`  
X]gUgh`f`h`z` ]h`g`Vca`dcbYbfg`fYVcbca` ]Vz`gc`WU`z`W`h`fU`E`UbX`gc`i`h`cbg`f`Z`c`f`YI`Ua`d`Y`Ug`d`fc[`fUa`g`z`dc`]WYg`  
Y`h`V`hc`d`fc`V`Ya`g`h`U`h`U`fY`c`W]z`b`U]h`cbU`UbX`[` ]c`VU` ]b`WX`U`f`U`W`Y`f`"Mci` `k` ]`U`j`Y`h`Y`c`ddc`f`i` b]m`i`c` ]bHY`f`d`f`Y`h`z`  
UbU`mgY`UbX`d`f`c`d`c`g`Y`gc`i`h`cbg`hc`XYj`Y`cda`Ybh` ]ggi`Yg`i`g]b[` ]U`fU`b[`Y`cZ`d`f]bW]d`Yg`Vcbg`h`i`WYX`Ug`h`Ycf]Yg`  
UVci`hXYj`Y`cda`Ybh`h`U`h`U`fY`c`Z`Y`b` ]b`VcbZ` ]Wni`k` ]h`Y`U`W`X`c`h`Y`f`UbX`Y`U`X`hc`U`fU`b[`Y`cZ` ]bHY`b`XYX`UbX`  
i`b]bHY`b`XYX`d`fU`W]W]`ci`hVca`Yg`"H`Y`V`ci` fgY`k` ]`Yb`Vci`fU[`Y`mci` ]hc`Yb[`U[`Y` ]b`Y`U`fb]b[` ]h`f`ci`[` ]g`h`fi`W`h`fYX`  
U`W]j` ]h]Yg`z`]bXY`d`Y`b`XY`bh`W]h]WU`h` ]b`\_` ]b[` ]UbX`fYgY`U`f`W`!`V`UgYX`k`cf`\_"5ggYgga`Ybfg`k` ]`Vi` ]X`\_`bck`YX[`Y`UbX`  
g\_]`g` ]b`U`fU`b[`Y`cZXYj`Y`cda`Ybhdc`]Wni`c`d]W]g`UbX`UggYgg`Vch`k`f]h`Y`b`UbX`c`fU`d`fYgY`b`h`cbg`"

# 5ggYgga Ybh

5ggYgga Ybh'g\ci`X'VY'fYZfYbW'X'j'b'UW'c'fXUbW'k'j'h'h'Y'GW'cc`cZGcW'U'G'W'YbW'g'F'YZfYbW'j'b[ ; i ]X'Y'Z'U'j'U'j'UV'Y'U'h`[\hdg.#gcWU'gWYbW'g"Ufng"i bkg "YXi "Ui #gh XYbh#fYgci fW'g#dc'jWYgl\[i \]X'Y'j'Yg#'](#)

## 5ggYgga YbhHUg\_g

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A ]X!HYfa`F'YZYW'j'Y'9ggUm	&)	\$&# \$+ #&\$&%%) - 'DA	%ž &
; fci d'UW'j' ]mi	&)	%* # \$+ #&\$&%%) - 'DA	&ž'
F YgYUfW' 'DUdYf'	) \$	\$* # \$, #&\$&%%) - 'DA	&ž'

## 5ggYgga Ybh8YHJ]`g

5ggYgga Ybh%`A ]X!HYfa`F'YZYW'j'Y'9ggUm

GhUfhXUH'.`Bch5dd`]WUV'Y

@Yb[ h. `5g'XYgW]VYX'VY`ck

8YHJ]`g.

\* \$\$`k c fX'fYZYW'j'Y'YggUmVUgYX`cb`WUgg'a`UHf]U'gž`fYUX]b[ gž`UbX`'h' h'cf]U`'X]gW`gg]cbg"K`f]h'Y'b`ZYXVUW`UbX`U'a`Uf`\_`k`j`VY`dfcj`]XYX`k`]h]b`&k`YY\_g`cZgi`Va`]gg]cb"K`f]h'Y'b`ZYXVUW`UbX`U'a`Uf`\_`k`j`VY`dfcj`]XYX`k`]h]b`&k`YY\_g`cZgi`Va`]gg]cb"

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

9ggUmei Ygh]cb. `K` \Uh`\_Ym]XYUg` \Uj`Y`mci` `YUfbYX`UVci`hXYj`Y`cda`Ybhdc`]WmZca`h'Y`W'ci`fgY`gc`ZUf3`

h`\* \$\$`k c fXgž`fYZYW'j'cb`U`\_Ym]XYU`h`Uhmci` ` \Uj`Y`YUfbYX`Zca`h'Y`dUghZYk`k`YY\_g`'YW'fYg`UbX`fYUX]b[ g"Mc`i`UFY`bchYI`dYW'X`h'c`Xc`fYgYUfW'ci`hg]XY`cZ`h`Y`fYW'c`fYX`Y`W'fYg`UbX`fYei`]fYX`#gi`[ [ YghYX`fYUX]b[ gž`Vi`hmc`i`UFY`YI`dYW'X`h'c`fYZf`UbX`W'fY`Y`Y`UbhfYW'c`fX]b[ gž`fYUX]b[ g`UbX`Ubmc`Z`h`Y`fYW'c`fYX`k`YY`\_`mi`h`h'cf]U`'X]gW`gg]cbg"

5`gi`[ [ YghYX`ghfi`W'fY`cZfYZYW'j'Y'YggUma`][ \hVY.`

%` h'fcXi`W]cb`fk` \Uh]g`h'Y`\_Ymi`h]b[ `mci` ` \Uj`Y`YUfbYX`#gi`fdf]gYX`#X`U`Yb[ YX`mci`3`ft`%\$`k`c`fXgk`&":`]fgh]cd]W#`Y`a`Y#Uf[ i`a`Ybhk`]h`gi`ddc]f]b[ `Y`]XYbW`UbX`mci`f`UbU`mg]g`ft`&\$`k`c`fXgk`' "`GYW'c`bX`h'cd]W#`Y`a`Y#Uf[ i`a`Ybhft`&\$`k`c`fXgk`(" `7`cbW`i`g]cb`ft`%\$`k`c`fXgk`

A`Uf`\_]b[ `fi`Vf]Wg.`



	]bWi XYX"	]g'a cghm UWV fUHY"	
	Gca Yhja Yg	5hYa dHg'hc	
	`UW_g	UX\YfY'hc	
	Wc'bg]ghYbWtZ	fYZfYbW]b[	
	Vi h]g'U		
	fYUgcbUV`Y`UW_		
	bck`YX[ a Ybh		
	cZhY'gci fW'g		
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ɸ'U'ga U''[ fci d'Zcfa YX'Zcf'ħY' ]b!WUgg'X]gW gg]cbžmci 'k ]''k cf\_ 'hc[ YħYf'UbX'XYj Y'cd'U'ħfYY!dU[ Y  
 gi Va ]gg]cb fUddfci " %\$\$\$'k cfXgŁ'VUgYX'cb'mci f[ fci d'g'dc ]Wnidcg]ħcb'cb'ħY'Zc''ck ]b[ 'ħcd]W

- HAY'5i ghfU]Ub: cj Yfba Ybh\Ug'a UXY'U'W''Zcf'gi Va ]gg]cb'Ug'jh]g' ]b'ħY'dfcW'gg'cZfyj ]Yk ]b[  
 ħY'ZcfY][ b'U]X'dc' ]Wħ
- A ]b]ghYf'Zcf: cfY][ b'5ZU]fg'UbX'A ]b]ghYf'Zcf'K ca Yb'GYbUħcf'ħY' <cb'A Uf]gY'DUmbY'UbX'5gg]għbħ  
 8YZ'ħbW' A ]b]ghYf'UbX'A ]b]ghYf'Zcf' ɸħYfbUħ]cbU'8Yj Y'cda YbhUbX'ħY'DUWZ]WħY' <cb'5'YI' <Uk \_Y  
 A D'\Uj Y'Ubbci bW'X'U'W'cbgi 'ħUħ]cb'dfcW'gg'ħc' [ i ]XY'U'bYk '5i ghfU]Ub'XYj Y'cda Ybhdc' ]Wħ'ħ\]g  
 dc' ]Wħk ]''Xf] Y'ħY'; cj Yfba Ybhg' ]bħYfbUħ]cbU'XYj Y'cda YbhY'Zcf'fg' ]b'gi ddcfħcZgY'W f]mž  
 ghU]V]mždfc'gdYf]mħU'X'fYg' ]YbW' ]b'ħY' ɸXc!DUWZ]W
- 6i ]X]b[ 'cb'ħY': cfY][ b'Dc' ]Wħk \]ħ'DUdYfz'ħY'bYk 'dc' ]Wħk ]''[ i ]XY'5i ghfU]Uf]g'XYj Y'cda Ybh  
 dfc[ fUa 'UbX'Ybgi fY' ]ħfYa U]bg'U' ]bYX'k ]ħ'ħY'; cj Yfba Ybhg' ghfUħY' ]Wdf]cf]ħYg' 'ħY'dc' ]Wħk ]''  
 W'j Yf'XYj Y'cda Ybhdfc[ fUa 'UWħ] ]ħYg'Ug'k Y''Ug'k ]XYf' [ cj Yfba Ybh]b]ħUħ] Yg'ħUħgi ddcfħ  
 ]bħYfbUħ]cbU'XYj Y'cda Ybh'ħk ]''U'gc'fYZY'WħħY'; cj Yfba Ybhg' ]bW'YUgYX'Ya d\Ug]g'cb'ghfUħY' ]W  
 UbX'Y'W'bcā ]WdUf]bYfg\ ]dg' ]b'ħY' ɸXc!DUWZ]WUbX' ]hg' DUWZ]WGH'd!i d"
- HAY'bYk 'dc' ]Wħk ]''fYZY'WħħY'; cj Yfba Ybhg' d'Ub'ħc'fYfU]b'U'ħUf[ YħX'UbX'Y'Z]WYbħXYj Y'cda Ybh  
 Vi X[ YhcZ' ( 'V]''cb'dYf'mYUf"
- : cf'YI Ua d'Yg'cZdc' ]Wħgi Va ]gg]cbgž'WY'W'ci hħ]g' ]b\_ . \ħdg.#k k k "XZ]ħ[ cj "Ui #U]X#bYk!'  
[\]bħYfbUħ\]cbU'!XYj Y'cda Ybh'dc' \]WħDU\] Yg'gi Va \]gg\]cbg](#)
- Hc'\Uj Y'U'gYbgY'cZ8: 5H'g'XYj Y'cda Ybhdc' ]Wħdf]cf]ħYg'fDfY!7CJ -8!%- Ł'gYY'A ]b]ghYf'Zcf'  
 ɸħYfbUħ]cbU'8Yj Y'cda Ybhž'5'YI' <Uk \_Y'g'\_Ymbch'gdYYW'UħħY'&\$\$'5i ghfU]U'5]X'7 cbZfYbW'.


	U"fuBh"icZk \UhhYUa 'g hY '[cj Yfba YbhUXj cWUWm g\ci 'X'XcŁ		cb'g]XY'UbX'jg bchVU'UbW'X	]bhYfgng	
F YgYUfW f(\$i Ł	Bc'fYZfYbW'cfGca Y Yj ]XYbW' [ ]j Yb'fYZfYbW'UbX hc WU]a g	Gca Y fYZfYbW'UbX UbU'mg]g'cZ ]a d']WU]cb'hc XYj Y'cda Ybh dc']WmVi h]g gi dYfZ]WU'fY"[ "U UXX]b[ ghU]ghVg k ]h'ci h YI d'U]b]b[ hYa Ł	XcW a Ybhg'UbX dfcj ]XYg UbU'mg] VYhk YYb YI ]gh]b[ ]h'fUhi fY'UbX dc']WYg'hc'mci f Uf[ i a Ybh	]fYUhi fYgYUfW k \]W'jg Yj ]XYbh]b fYZfYbW]b[ 'hc _Ymidc']Wm XcW a Ybhg'cf UWUXYa ]W ]h'fUhi fY'k ]h [ ccX'UbU'mg]g cZa U'h'f]U'g W'h'X	8 ]gh]bW]cb'd'i g WYUf'']b_U[ Y VYhk YYb'mci f Uf[ i a YbhUbX hY'Yj ]XYbW W'h'X'f]b'chYf k cfXg'zbch di h]b[ W'h]cbg'Zcf'hY gU_Y'cZ ]bW]g]cbŁ

Gi Va ]gg]cb'bchYg. 'CbY'Zca 'YUW' [ fci d/gi Va ]hU'Z]Y'j ]U'A ccX'Y'g]h'

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

5ggYgga Ybh' . F YgYUfW' DUdYf

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7\ccgY'Zca 'hY'']ghcZei Ygh]cbg'cf'WYU'h'mci f'ck b'fd'YUgY'W'cbgi 'hk ]h' hY'W'ci fgY'W'cbj YbYf']Z  
W\ccg]b[ 'mci f'ck b'ei Ygh]cbŁ' hY' d'UdYf'jg'i d'hc' " \$\$\$'k cfXg' ]b' UXX]h]cb'hc' fYZfYbW'g'c'F' mci ' \Uj Y'hY  
cd]h]cb'cZ\Uj ]b[ 'U'hU\_Y'\ca Y'h'gh]bgh'UX" hY' hU\_Y'\ca Y'h'ghk ]''[ c'Zcf'Z] Y'XUmg'z'UbX'mci 'bYX'hc'k'f]h'  
h'fY'g'cfhYggUmg'f'\$\$\$'k cfXg'dYf'g'cfhYggUmŁ' hY'ei Ygh]cbg'k ]''VY'fY'YUgYX'cbY'XUmVY'ZcfY'h'gh  
ghU'f'g'k'f]h'Y'b'ZYXVUW'UbX'U'a Uf'\_k ]''VY'dfcj ]XYX'k ]h]b'&'k YY\_g'cZgi Va ]gg]cb"

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

7\ccgY'U'ei Ygh]cb'Zca 'hY'']ghcZei Ygh]cbg'UbX'k'f]h'U'a U'cf'YggUm'hY'YggUm]g'i d'hc' " \$\$\$'k cfXg' ]b'  
UXX]h]cb'hc'fYZfYbW'g"

Gh XYb'g'\Uj Y'U'W'c]W'hc'g'Y'W]b[ 'cbY'cZ'hY'ei Ygh]cbg'Zca 'VY'ck .

%' hY'G8; g'\Ug'hY'Ua V]h]ci g'cj YfU''U]a 'hc' "YUj Y'bc'cbY'VY'\]bX""'8c'mci 'U[ fY'cf'X]gU[ fY'h'Uh  
]h'\Ug'VYyb'XY'j] Yf]b[ 'h]g'dfca ]gY3'cf







A Uf_]b[ Wf]hYf]U	\$( -   : @	) \$ ! * )   D	* ) + (   7	+ ) ; (   8	2 ; )   < 8

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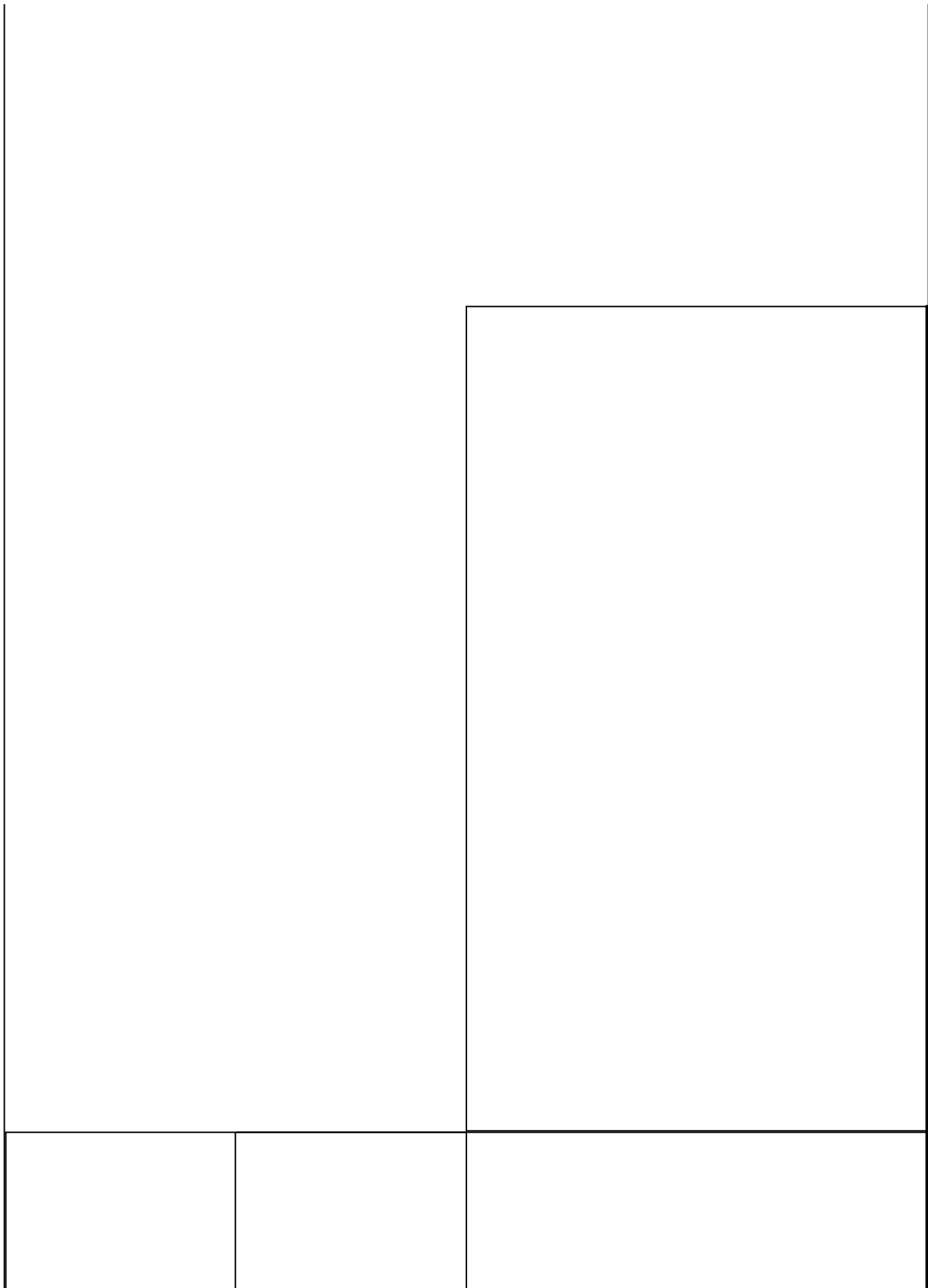
H]a YhUV`Y`

8 UhY	HmdY	7 cbhYbh

		<p>&lt; ck `WUbk Y`h.]b_`cZdi V`]Wdc`]WmVXUb[ Yg3`K \Uh  UfY`h.Y`_YmVXU`Yb[ Yg`UbX`cddcfh b]h]Yg`tc`g\UdY  dc`]WYg`]b`]bhYfbUhc]bU`XYj Y`cda Ybh`'`b`h.]g  gYa ]bUfzk Y`YI d`cfY`]ggi Yg`fY`UHfX`tc`di V`]Wdc`]Wm  UbX`]bhYfbUhc]bU`XYj Y`cda Ybh`'`b`dUfh]W`Ufzk Y  ZcW`g`cb`dfcVWggYg`UbX`UWtcfg`]bj`c`]YX`]b  ]bhYfbUhc]bU`XYj Y`cda Ybhdc`]Wm</p> <p>5`gc`]b`h.]g`gYa ]bUfzk]gh XYbhg`k`]`VY`Xj ]XYX`]bhc  ga U`Y`YUfb]b[`]`[ fci dg`tc`X]gW`gg`_Ym]ggi Yg`UbX  ei Ygh]cbg`fY`UHfX`tc`h.Y`fYUX]b[`]g`UbX`h.Y`tc]d]WcZ  h.Y`gYa ]bUf`H\Y`YWm`fYf`k`]`Z]bU`]gY`h.Y`[ fci`d  a`Ya`VYfg\]d`gc`h.Uh[ fci`d`X]gW`gg]cb`WU`g`hUfh  Zca`k`YY`_`" "</p>
<p>K YY_`"`.%)`&gt;i bY`!`%  &gt;i bY</p>	<p>GYa ]bUf</p>	<p>K YY_`"`.f0)`&gt;i bY`  Gi ghU]bUV`Y`8Yj Y`cda Ybh;`cU`g`fG8;`g\$</p>

<p>K YY_(. &amp;%&gt;i bY!&amp;) &gt;i bY</p>	<p>GYa ]bUf</p>	<p>[ fci d' ]b' h\ ]g' gYa ]bUf' hcd]W8</p> <p>K YY_( 'f&amp;&amp;&gt;i bYŁ Di V' ]WdUfh]W]dUh]cb' UbX' 8Yj Y' cda YbhDc' ]Wn k \c' dUfh]W]dUh]gžk \c' d'fcZ]hg3</p> <p>Di V' ]WdUfh]W]dUh]cb' ]g' ]a dc' fUbhZc' f' XYj Y' cd]b[ 'UbX ]a d' Ya Ybh]b[ 'XYj Y' cda Ybhdc' ]W]g' Vi h]g' cZ]Yb ZU] ]b[ 'Vc' h' 'cW' 'Vc' a a i b] ]h]Yg' UbX' h' Y Ybj ]fcba Ybh' ; 'cVU' mž' h' Y' ei Ygh]cb' cZ\ck 'cW' Vc' a a i b] ]h]Yg' c' f[ Ub]gY' UbX' k' c' f' _YZYW]j Y' m' h' c' XY' ]j Yf' gcW]U' 'UbX' Ybj ]fcba YbhU' VYbYZ]hg' fYa U]bg Ub' Yb] [ a UžXYgd] ]h' 'a Ubm' m' Y' Ufg' cZXYj Y' cda Ybh fYgYUf' V' 'UbX' d' fUW]W' "8cYg' dc' ]W' h' d' f' c' W' gg' d' f' c' j ]XY Ub' c' d' Yb' 'U' d' c' ]h]W' 'gdUW' 'h' c' X]gUXj UbhU' [ YX' [ fci dg UbX' ]bX]j ]Xi U' g' h' c' d' Ufh]W]dUh] 3' 8c' [ c] Yfba Ybh U[ YbW]Yg' ] [ bc' fY' UbX' Vc' !cdha Uf[ ]bU' ]gYX' [ fci dg' h' c' fY]bZc' fW' YI ]gh]b[ ] ]bYei ]hU' V' Y' fY' U' h]cbg3' K \UhUfY h' Y' d' ]h]W' 'g' UbX' d' c' h' Y' b]h]U' g' cZdi V' ]WdUfh]W]dUh]cb' h' c' fYU' ]gY' h' fUbgZc' fa U]h] Y' V' X' Ub[ Y' ]b' ]b' h' Y' fbU]h]cbU' XYj Y' cda Ybhdc' ]Wn' UbX' d' fUW]W' 3' K ]h' U' W' ]h]W' X]gW' gg]cb' cZVc' bW' d' h' U' ]h' Y' fU' h' fY' U' g' k' Y' 'U' g' Vf]b[ ]b[ 'fYU' k' c' f' X' YI dYf]YbW' 'Zca' 'BYdU' 'g' Vc' a a i b] ]m' Zc' fYg' h' m' ž' h' ]g' gYa ]bUf' YI d' c' fYg' h' YgY ei Ygh]cbg' UbX' 'a Ubm' a' c' fY' k' ]h' U' j' ]Yk' h' c' gYUf' V' Zc' f' h' fUbgZc' fa U]h] Y' d' Ufh]W]dUh]cb' ]b' XYj Y' cda Ybhdc' ]Wn UbX' d' fUW]W' "</p> <p>D@ Gž</p> <p>; fci d' g\ Uf]b[ 'UbX' X]gW' gg]cbžZc' 'ck ]b[ 'h' Y' ' . '&amp; %A cXY' ž' h' Uh]g. ' -K \UhUfY' h' Y' H&lt; F 99' a U]b' Uf[ i a Ybhg' cZ]h' Y dUdYf' m' ei f' [ fci d' \Uj Y' fYUX3 &amp; -K \UhUfY' h' Y' HK C' W' ]h]W' ' ]ggi Yg' m' ei f' [ fci d' ]XYbh]Z]YX' ]b' h' Y' d' UdYf3 %-K \Uh]g' h' Y' 'CB9' Vi fb]b[ 'ei Ygh]cb' Zc' f' m' ei f' [ fci d' ]b' h\ ]g' gYa ]bUf' hcd]W8</p>
<p>K YY_(.) '&amp;,' &gt;i bY!'&amp; &gt;i' m</p>	<p>GYa ]bUf</p>	<p>K YY_(.) 'f&amp;- &gt;i bYŁ Dc' ]Wn' UXj cWUWn' : fca' [ fUggf' c' chg' h' c' h' Y DUf' ]Ua Ybh</p> <p>Bcb! [ c] Yfba Ybh' C' f[ Ub]gU]h]cbg' fB; C' gŁž' dc' ]Wn UXj cWU]h]gž' UW]j ]gh]g' UbX' h' Y' ' ]Y' cZ]Yb' ' [ [ 'Y' U' Z]bY VU' UbW' VY' h' Y' Yb' fYd' fYgYbh]b[ 'h' Y' j' ]Yk' g' cZ]h' Y Vc' a a i b] ]m' UbX' j' i' bYfU' V' Y' [ fci dg' UbX' gdYU' 'h' f' h' h' c' d' ck' Yfž' h' c' YI YfW]g]b[ 'X]d' ca UWn' UbX' W]i h]cb' k' \Yb XYU' ]b[ 'k' ]h' ]bX]ZYfYbh' c' f' Yj Yb' \cgh]Y [ c] Yfba Ybhg' "H\ ]g' ]g' d' Ufh]W' 'Uf' m' h' Y' WUgY' Zc' f' dc' ]h]W' 'mgYbg]h] Y' ]ggi Yg' gi V' X' U' g' \i a Ub' f] [ \hgž gYI i U' UbX' fYd' f' c' Xi W]j Y' \YU' h' ž' UbX' W]a U]h' V' X' Ub[ Y' "H\ ]g' k' YY' ž' k' Y' k' ]' 'YI d' c' fY' h' Y' Vc' a d' YI ]h]Yg</p>

		<p>cZdc`jWnUXj cWjWn]b`hY`gdUW`cZ]bhYfbUH]cbU`  XYj Y`cda Ybžk ]h`U`dUfh]W`Uf`Zc`W`g`cb`B;`C`g`</p> <p>D@ Gž</p> <p>; fci d`g`Uf]b[ `UbX`X]gW`gg]cbž`Zc`ck ]b[ `hY` .`&amp;`  %A`cXY`ž`hUh]g.</p> <p>'`-`K` \UhUfY`hY`H&lt;`F`99`a`U]b`Uf[ `i`a`Ybh]c`Z`hY`  dUdYf`mci`f`[`fci`d`Uj`Y`fYUX3`  &amp;`-`K` \UhUfY`hY`HK`C`W]h]W`]ggi`Yg`mci`f`[`fci`d`  ]XYbh]Z]YX`]b`hY`dUdYf3`  %-`K` \Uh]g`hY`C`B`9`Vi`fb]b[ `ei`Ygh]cb`Zc`f`mci`f`  [`fci`d`]b`h`]g`gYa`]bUf`hd]M8`</p>
<p>K`YY`_*`.)`&gt;i`m!`-`&gt;i`m`</p>	<p>GYa`]bUf`</p>	<p>K`YY`_*`f*`&gt;i`nt`  ?`bck`YX[`Y`UbX`8Yj`Y`cda`YbhDc`]Wn`k`cgY`  _bck`YX[`Y`Vci`bhg3`</p> <p>8Yj`Y`cda`Ybhdc`]W]Yg`UbX`dfUW]W]g`UfY`cZ]Yb`  Xf]j`Yb`Vmi]h]W]b]W]`_bck`YX[`Y`ži`bXYf]`U`i`]b[ `cWU`  UbX`]bX][`Ybci`g`_bck`YX[`Y`UbX`hY`_bck`YX[`Y`Zca`  gcW]U`gW]YbW]g"5g`U`fYgi`hž`]bX][`Ybci`g`_bck`YX[`Y`  ]g`bchYZZ]W]j`Y`mi`h`]gYX`UbX`cWU`W`h`fY`[`bcfYX`  `b`h`]g`gYa`]bUfžk`Y`Yi`d`cfY`hY`dc`]h]W]cZ`  _bck`YX[`Y`UbX`]XYUg`cZgW]YbW]!dc`]Wn]bhYfZ]W]ž`  UbX`hY`b`X]gW`gg]bg][`h]g`Zca`U`W]gY`gh`Xmk` \]W]X`  XYa`cbgfU]h` \ck`UbX`k` \m]bX][`Ybci`g`_bck`YX[`Yg`  UfY`bchYZZ]W]j`Y`mi`h`]gYX`]b`hY`bU]h`fU`fYgci`fW`  a`UbU[`Ya`Ybhdc`]W]Yg`]b`5i`ghU`]U`</p> <p>D@ Gž</p> <p>; fci d`g`Uf]b[ `UbX`X]gW`gg]cbž`Zc`ck ]b[ `hY` .`&amp;`  %A`cXY`ž`hUh]g.</p> <p>'`-`K` \UhUfY`hY`H&lt;`F`99`a`U]b`Uf[ `i`a`Ybh]c`Z`hY`  dUdYf`mci`f`[`fci`d`Uj`Y`fYUX3`  &amp;`-`K` \UhUfY`hY`HK`C`W]h]W`]ggi`Yg`mci`f`[`fci`d`  ]XYbh]Z]YX`]b`hY`dUdYf3`  %-`K` \Uh]g`hY`C`B`9`Vi`fb]b[ `ei`Ygh]cb`Zc`f`mci`f`  [`fci`d`]b`h`]g`gYa`]bUf`hd]M8`</p>
<p>K`YY`_+`.%&amp;`&gt;i`m!`%*`&gt;i`m`</p>	<p>GYa`]bUf`</p>	<p>K`YY`_+`f%`&gt;i`nt`  ;`YbXYf`&gt;i`gh]W`]b`b`hYfbUH]cbU`8Yj`Y`cda`Ybh`  Dc`]W]Yg.`H`Y`F`YX]ghf]Vi`h]cb`!`F`YVc[`b]h]cb`  8YVUhY`</p> <p>5W]Y]j`]b[ `[`YbXYf`Yei`U`]miUbX`↑`gh]W`]b[ `cVU`  XYj`Y`cda`Ybh`Ug`cb[ `VYYb`Vcbg]XYfYX`Ug]j`]hU`Zc`f`  gi`ghU]bUV`Y`XYj`Y`cda`Ybh`&lt;`ck`Yj`Yfž`W]U`Yb[`Yg`  fYa`U]b`Zc`f[`YbXYf`h`VY`fYVc[`b]gYX`a`YUb]b[`Z`mVm`  dck`YfZ`Xcbcfcg`UbX`dc`]W]h]a`U`Yfg`H`Y]g`k`YY`žk`Y`  k`]X]gW`gg`X]ZYfYbhbc]h]cbg`cZ`↑`gh]W`]UbX`Yei`]mž`</p>





		<p>UbX`fYWŁj Yfmž`Vi h]hg`YZZ`Włj YbYgg`\\Ug`VYYb`k ]XY`m  ei Ygh]cbYX``HfUbgdUfYbWłUbX`UWŁi bHUV]`]mıcZ  Xcbcfg`\\Uj Y`VYYb`Z`Yei Ybhmei Ygh]cbYX``H\]g  gYa ]bUf`YI d`c`fYgž`k ]h`U`WłGy`gh XmicZBYdU`g  YUfł`ei U`Y`fYWŁj YfmdfUWł]Włgž`U`fUb[ Y`cZ  ei Ygh]cbg`gi Wł`Ug`k`\\Uh`i a Ub]Hf]Ub`dc`]WłYg`  fY`Uh]cbg`d`d`h`bHf]bUh]cbU`XYj Y`cda Ybh]g`/\`ck`Xc  [ `cVU`ž`i b]j YfgU`\\i a Ub]Hf]Ub`dc`]WłYg`fUbg`UH`]bł  `cWł`WłbHf] hž`UbX`\\ck`UbX`k`\\miXcYg`cWł`UbX  bUh]cbU`dc`]h]Wł`YbUV`Yg`X]gUghf`f`Włd]H`]ga "</p> <p>D@ Gž</p> <p>; fci d`g`\\Uf]b[ `UbX`X]gW`gg]cbž`Z`ck ]b[ `hY`' .`&amp;  %A cXY`ž`h`Uh]g.  '`-K`\\UhUfY`hY`H&lt;F`99`a U]b`Uf[ i a Ybh]cZ`hY  dUdYf`mci f[ fci d`\\Uj Y`fYUX3  &amp;`-K`\\UhUfY`hY`HK`C`Wł]Wł`]ggi Yg`mci f[ fci d  ]XYbh]Z`YX`]b`hY`dUdYf3  %`-K`\\Uh]g`hY`CB9`Vi fb]b[ `ei Ygh]cb`Z`f`mci f  [ fci d`]b`h]g`gYa ]bUf`hcd]Wł</p> <p>.</p>
<p>K YY_`%\$.`&amp;`5i [ i gh!`*  5i [ i gh</p>	<p>GYa ]bUf</p>	<p>K YY_`%\$`fł`5i [ Ł  K fUdd]b[ `I d. F YZfUa ]b[ `bHf]bUh]cbU`  8Yj Y`cda YbhDc`]WłB</p> <p>H\]g`k YY`_k ]`VY`U`fYZYWł]cb`cb`hY`hcd]Wł`Włj YfYX</p>

# F Ygci fWg

DfYgWf]VYX F Ygci fWg

5`hY`k YY\_`mfYUX]b[ g`UbX`gYa ]bUf`g]XYg`k ]`VY`Uj U]UV`Y Zfca`hY`Wci fgY`A ccX`Y`g]h`

K YY\_`%f%`>i bYŁ`" bHfcXi W]cb`" bHfU]cbU`8Yj Y`cda YbhDc`]WmZcf`U'a cfY`>i ghK cf`X

- F Yei ]fYX`F`YUX]b[ .`A`cggYž8`"f&\$\$`(`ž`g` ;`ccX`Dc`]WmI`b]a`d`Ya`YbhUV`Y3`F`YZYW]cbg`cb`hY`9`h.bc[`fUd`mcZ5]X`Dc`]WmUbX`DfUW]Wž6`WhWab`\_`W`f`S`V`5`Z`S`Y`Wž` )`f`(`Ł`\*'`-`-`\*`+`%`"fH`g`]g`U`V][`Uf]WYžgc`d`Y`UgY`ZcW`g`cb`mcb`dU[`Yg`\*(`,`!`\*\*`&Ł`
- Gi [ [ YghYX`fYUX]b[ .`A`cggYž8`"f&\$\$` Ł`H`Y`Ub`h`f`c`d`c`[`mcZ]bHfU]cbU`XYj Y`cda Ybhž3``gS^`D`W`h`W`a`X3`f`Z`d`b`a`h`Y`k`ž`(`&`&`+`!`&`(\*`"

K YY\_`&f]`>i bYŁ`Di`V`]WDc`]WmUbX`bHfU]cbU`XYj Y`cda Ybh`<ck`h`c`g`UdY`dc`]WmW`Ub[`Yg3`

- F Yei ]fYX`F`YUX]b[ .`C`^`Už`<`"f&\$\$`Ł`"7`ci`bHfUW]b[`Y`[`Ya`cb]Wdck`Yfg`]b`h`Y`dc`]WmIdfcW`gg.`W]h`W]U`W]cb`fYgYUfW`cb`B`Y`d`U`g`Zc`fYgh[`cj`Y`fb`Ub`W`"7`f]h`W]Dc`]WmGh`X]Yg`+f]Ł`&`(&`!`&`\*`&`" `D]YfgcbžD`"f&\$\$)`Ł`"H`Y`gh`X`m`c`Z`d`c`]WmXYj Y`cda Ybh`">ci`fbU`c`Z`d`c`]Wm\]g]h`f`m`%`+`f`\$`%`Ł`" `(!)`%`
- Gi [ [ YghYX`fYUX]b[ .`Dc`^`ž`7`"f&\$\$`,`Ł`":`fca`g`W]Y`b`W`h`c`dc`]WmI`h`f`ci`[`h`f`U`bg`X]g`W]d`]b`U`f`m`f`Y`g`Y`U`f`W`"Y`bj`]f`"

K YY\_) 'f&- 'i bYŁ'

K YY\_- 'f&+'>i`nt : cfY][ b'5]X' ]b'<i a Ub]Huf]Ub'Dc`]WnUbX'DfUW]WV. 'i bdUW\_]b[ 'X]gUghYf'dc`]h]Wg3'

- F Yei ]fYX'F YUX]b[ . 'G\fygh\Už? " ? "ž6\UfUfU]ž6"žC ^Už<"'UbX'6U'fUW'UfmUž5" f&\$%- Łž8 ]gUghYf ↑gh]W' ]b'BYdU'g]YUfhei U\_Y'fYw'j Yfnž;` fWd Sfa` S^<agd S^aX6 [eSefWdD [e] DWgUf[a` ž' ' .&\$+-&%" "
- Gi [ [ YghYX'fYUX]b[ . ; i buk UfXYbUž5" UbX'6U'UbXž>"f&\$%\* ŁžHUF[ Yh]b[ '8]gUghYf'5]X' ]b'Dcgh Hgi bUa ]'Gf]@Ub\_Už6WhWab\_ W fBa fUk DWh[W ž' ( f&Ł '%+ - !%- ) "

DY` ]b[ žA "'UbX'8]`ž? " f&\$%\$Łž8 ]gUghYf'dc`]h]Wg. 'hdd]b[ 'dc]bhg žc'f'W'Ub[ Y' ]b' hY' UXUdHh]cb'cZ gcW]c!dc`]h]W'fY[ ]a YgžBcbYdWēe [ : g\_ S` 9 WāYdSbZkž' ( f%Ł '&%d' +"

K YY\_ '%\$'fl '5i [ Ł'K fUdd]b[ 'l d. 'FYZ'Ua ]b[ 'bhYfbU]cbU'8Yj Y'cda YbhDc`]Wn3

F YWca a YbXYX'F Ygci fWg

žmci 'UFY'j Yfm\_YYb'hc 'Yl d'cfY'ž f\Yf'cb ]bhYfbU]cbU'XYj Y'cda Ybhdc`]Wnžmci 'a ][ \hk Ubhlc 'WXYW' hY

? fcba i ``Yfz'9""5HhU`U\ž8; ž; i hYffYnž-ž; i YffYfcžD`UbX'; YXXUžA ""&\$%&""9I d'cf]b[ ]bX][ Ybci g dYfgdYWVj Yg'cZUb`Ybj ]fcba YbhU`X]gUghYf. '7 i 'h fY`UbX'd`UWV`Ug ]bhffY`UH`X`fYgci fWg`Zcf`fYa Ya VfUbWV cZhY`%- \*`\$a Y[ U!YUfhlei U\_Y`]b`7\`Yž`-hYfbUhcbU`>ci fbU`cZ8]gUghYfF ]g\_`FYXi W]cb`&`f&\$%+Ł &' , !&( +"

@ci ]gžF D""&\$%- ""7 Ub`mci ``YUf'i g`bck 3`J c]Wg'Zca`hY`a Uf[ ]bg. 'I g]b[ ]`-hX][ Ybci g`A Yh`cXc`c[ ]Yg`]b ; Yc[ fUd\]WF YgYUfWž3TadY[ S`^ba`fUk D`W`V`S`d`J 5a` ead]g\_ ;` fWd` Sf[a` S`^&\$%+. % \$!% - "

A cggYž8""f&\$%) Ł""7 i`h] Uh]b[ ]8Yj Y`cda Ybh`5b`9h`bc[ fUd\mcZ5]X`Dc`]WmUbX`DfUW]WV""BYk`8Y`\ž J ]ghUf`Di V`]W]h]cbg"

C \Už< "ž? \Uhf]ž8"žG\fyghUž? ""? "/6\UhfUfU]ž6"ž6UfUž>ž6UgbYhž6"ž; ci hJa ž? "žGi bUa žF ž6Ub`UXYž A ž>UbUžGž6i g\Ynž6ž8\i b[ UbUžG"/`DUi XYž8""f&\$%) Łž'7 Ub`Yj ]XYbWV`UbX`j c]WV`]bZi YbWV`dc`]Wž 7 f]h]WV`fYj ]Yk`cZBYdU`YgY`ZcfYgYfmgYWc`f`dc`]WžGcW]YmUbX`BUh`fU`F Ygci fWg""J c""&- žbc"" ždd"" ) + -' +' ""

C \Už< "žG\fyghUž? ""? "žGi VYX]žMžG\UžF "žBi VYf[ ž`ž< Ymc`cž6"ž7YXUa cbž9"žHUa Ub[ žG"ž DUi XYž? "žF ][ [ ž>"žA U`UžM`/`A`WA Ubi gžD""f&\$%+Łž5 [ f]W`h`fU`U`UbX`i bXYfi h`]gU]cb`]b`hY`\`]"g`cZ BYdU`. `h] Ygh[ ]Uh]b[ ]gcW]c!Ybj ]fcba YbhU`d`UH`k Umg`cZVXUb[ Yž<agd S`^aXDgdS`^E fgV[Wžžj c"" )` ž dd"%) \*!%+&"

D]YfgcbžD""f&\$%) Ł""H\Y`gh`XmcZdc`]WmXYj Y`cda Ybh"">ci fbU`cZdc`]Wm\]ghc`fm%+f&\$%Ł "" (!) %"

Dc\ž7""f&\$%) Ł"": fca`gW]YbWV`h`c`dc`]Wm`h`fci [ \`hfUbgX]gW]d`]bUfmfYgYUfWV""Ybj ]fcba YbhU`gW]YbWV`/ dc`]Wm%%f&Ł` ( \*!) ' "

F cnž5""f&\$%- ŁžK` \m`-hX]U`Wbbchid`Ub`]hg`W]h]Yg.`-hZcfa U`]mž`]bgi f[ YbWV`UbX`hY`]X]ca`cZ i bVUfb]gU]cbžB`S` ` [ Y`FZVáckž] c"" , žbc""ž`dd"+\*`-' , +"

GYbž5""f% - - Ł`8Yj Y`cda YbhUg: fYYXca žC I žcfx`I b] Yfg]mDfYgg"

G\fyghUž? ""/`A`U`UVYYbžNž&\$%žf7 ]j`"gW]YbWVžVc`a`a`i`b]mDfUhf]W]dU]cb`UbX`d`Ubb]b[ ]žcf`\_bck`YX[ Y! VUgYX`XYj Y`cda Ybh`UbU`mg]g`cZGmXbYmA`Yfcd`c`]h]b`G`hU]Y[ mž`-hYfbUhcbU`>ci fbU`cZ? bck`YX[ Y! 6UgYX`8Yj Y`cda Ybh&f(Ł`(%&-(' &"

G\fyghUž? ""?""f&\$%&Łžf]hck UfXg`9bj ]fcba YbhU`9ei ]mi]b`BYdU`YgY`7ca`a`i`b]mi: cfYghfmiž`-h: fYXYf]W`8"" ; cfXcb`/ ; fY[ cfm? "" : fYU`UbX`fYX"Łž`-hYfbUhcbU`9bj ]fcba YbhU`>i`gh]WV.`7ca`dY]b[ ]7`U]a`g`UbX DYfgdYWVj Ygž`-A`Di V`]W]h]cbgž< Yfhžcfxg\]fYžI`? ždd""- +-%%"

G\fyghUž? ""?""f&\$%\*Łž6 [W\_`\_`Se`aX<gef[UW`5a`^W]f]hWSUf[a` S` V`7cg]fk [ ]@WbS`e`5a`\_`\_`g` ]fk 8adWefck`5Xfc]hDi V`]g]YfgžBYk`8Y`\ž`-hX]U"

G\fyghUž? ""?""UbX`A`WA Ubi gžD""f&\$%) ŁžH\Y`dc`]h]W]cZVc`a`a`i`b]mDfUhf]W]dU]cb`]b`bUh`fU`fYgci fWV`a`UbU[ Ya`Ybž`Yggcbg`Zca`Vc`a`a`i`b]mižc`fYghfmi]b`BYdU`ž5i`ghU]Ub: cfYghfmi+%f&Ł`%) !%( \*"

G\fyghUž? ""? "žC \Už< "ž/`A`WA Ubi gžD""f&\$%) Łž`I`fU]b]nU]cbžgcW]U`]bW]i`g]cb`UbX`W]a`UH`VXUb[ Y.`5b ]b]fcXi W]cb`ž`-h`G\fyghUžYhU""f&\$%) Łž`-hW]i`g] Y`I`fU]b]nU]cb. f`Yh`]b\_]b[ ]DUhf]W]dU]cbžD`Ubb]b[ ]UbX Dc`]WžF`ci`hYX[ Yž@cbXcb`UbX`BYk`Mcf`ž`dd"%-&"

GbYXXcbž7"ž<ck`UfhžF`"UbX`Bcf[ UUFXžF""f&\$%\*ŁžGi`ghU]bUV`Y`XYj Y`cda Ybh]b`U`dcgh]6fi`bXhUbX k`cfXž9Vc`c[ ]WV`9Vc`bca`]W]g`)+. )&)' -&\* , "

H\ca Ug'5žA c\Ub'; "'f&\$\$+Ł"'F YgYUfW 'g\_]`g`žc'f'Dc`]WmUbX'8Yj Y`cda Ybh"'<ck 'hc`žbX'ci hžUghž  
@cbXcbžGU[ Y"

K YggY`]b\_ž5"ž? "'G"'6i WUbUbžM'; Ycf[ ]UXci 'UbX'9"'Hi fb\ci hf&\$\$% Ł"'HYWb]W`\_bck`YX[ Yž  
X]gW fg]j Y`gdUWg'UbX'dc`]hVg`UhH Y`gWYbW—dc`]Wm]bh'fZJW"'9bj ]fcb YbH`'GWYbW / 'Dc`]Wm' \$. '% - "

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

Gh XYbhZYXVUW\_]g[ UH YfYX'dYf]cX]WU`mi g]b[ žUa cb[ 'chYf'a YUbgžI BGK 'g'a n9I dYf]YbW`dfcWgg"  
bžcfa U`ZYXVUW\_]UbX`WUgg![ YbYfUH'X'ZYXVUW\_]UfY`ja dcfhUbh'5`Vf]YZgi fj Ymk ]`VY`WcbXi W'X`Ufci bX  
hY'a ]XX`Y`cZhY`gYa Ygh'f'hc`]XYbh]žmUfYUg`cZgh XYbh]ggi Yg"5bU`mg]g`cZZYXVUW\_]k ]`]bžcfa`hY  
fYUgcbUV`Y`UX↑ gfa YbhczWci fgY`Wcbh'bhUbX`XY`] Yfmk`YfY`dcgg]V`Y"Gh XYbhZYXVUW\_]g`hU`Yb  
gYf]ci g`nž`UbX`Wcbh]bi U`]a dfcj Ya Ybhg`UfY`a UXY`hc`hY`Wci fgY`VUgYX`]b`dUfhcb`gi W`ZYXVUW\_]7`Ub[ Yg  
hc`hY`Wci fgY`k ]`VY`]bhfcXi W'X`hc`gi VgYei YbhWc`cftg`cZgh XYbhg`hU\_]b[ 'hY`Wci fgY"

7cbgfi W]j Y`ZYXVUW\_]g[ fYUhmUddfYW]UH'X"K Y`U]a`hc`Wcbh]bi Y`hc`]a dfcj Y`UbX'i dXUH`hY`Wci fgY`d`Um  
gca Y`dUfh]b`Y`d]b[ 'i g`hc`Xc`gc"'G`UfY`mci f`ZYXVUW\_]žmci f`fYgci fW`gžmci f`]XYUg`D`UmU`dUfh]b  
ZJW]hU]b[ 'hY`YUfb]b[ 'cZU`a Ya VYfg`cZhY`WUgg"

Gi Va ]gg]cb`cZ5ggYgga YbhiHUg\_g

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

≠Zmci`YbWci bHYf`U`dfcV`Ya`k` \Yb`UHYa` dh]b[`hc`gi`Va`]hmc`i`f`Ugg][`ba`YbhiHfci`[`\`Hi`fb]h]bzd`YUgY`  
HY`Yd\cbY`9I`HYfbU`Gi`ddcfhcb`-`,`)`"``"``%cf`Ya`U]`H`Ya`icb`YI`HYfbU`HY`hgi`ddcfh4`i`bgk`"YXi`"Ui`""Gi`ddcfh`  
\ci`fg`UfY`,`.\$\$Ua`-`-%\$.\$\$da`icb`k`YY`XUmg`UbX`-`.\$\$Ua`-`).\$\$da`icb`k`YY`YbXg`f1`\*)`XUmg`U`mY`Uf2`≠Zmci`  
UfY`i`bUV`Y`hc`gi`Va`]hmc`i`f`Ugg][`ba`YbhiXi`Y`hc`U`Zi`h`k`]H`Hi`fb]h]b`mci`a`UmUdd`m`Zc`f`Ub`YI`HYbg]cb`Z`Vi`hmc`i`  
a`i`ghfYH]b`mci`f`h]W`Yhbi`a`VYf`Z`ca`9I`HYfbU`Gi`ddcfhU`cb[`k`]H`Ubmc`H`Yf`fY`Yj`UbhXcW`a`YbHg`L`hc`  
]bWi`XY`Ug`Yj`]XYbVW`hc`gi`ddcfhmc`i`f`YI`HYbg]cb`Udd`]W]h]cb`≠Zmci`Ya`U]`9I`HYfbU`Gi`ddcfhmc`i`k`]`  
Ui`hc`a`U]W]m`fYW]j`Y`U`h]W`Yhbi`a`VYf`Z`Vi`h]Zmci`HY`Yd\cbY`mci`k`]`bYYX`hc`gdYW]Z]W]m`Ug`\_`Zc`f`cbY`  
Hi`fb]h]b`U`gc`dfcj`]XYg`i`dXUH`g`cb`H`Y]f`gmgh`Ya`g`hU`h`g`cb`Hk`]HYf`"

;`YbYfU`mz`UggYgga`YbhiUg\_g`a`i`ghVY`gi`Va`]HYX`Y`YWfcb]W]m`j`]U`Y]H`Yf`Hi`fb]h]b`cf`U`A`ccX`Y`  
Ugg][`ba`YbH`-`b]bgHUbVW`g`k`\YfY`H`g`]g`bchdcgg]V`Yz`]hk`]`VY`ghUHYX`cb`mci`f`Wci`fgY`g`A`ccX`Y`g]H`k`]H`  
U`HYfbU]h]`Y`gi`Va`]gg]cb`XYH]g`"

:`cf]bZcfa`U]cb`cb`\ck`hc`gi`Va`]hUgg][`ba`YbHg`cb]bY`j`]U`A`ccX`Y`.\`hdg`#gh`XYbH`i`bgk`"YXi`"Ui`#ck`!  
gi`Va`]hUgg][`ba`YbH`a`ccX`Y`"

5 WUXYa ]W< cbYgmiUbX`D`U[ ]Uf]ga





## 5 WUXYa ]W=Zcfa Uh]cb

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

- fYei Ygth]Zc`f`Yl H`bg]cb/
- `Uh`gi Va ]gg]cbg`[ i ]XY`]bYg/
- fYj ]Yk `cZa Uf\_g/
-