

# MDIA5010

@]hYfUfmUbX`B UffUhj` Y`>ci fbU`]ga `DfUW]VW

HYTa` Z&\$&%



7 ci fgY`Cj Yfj ]Yk

GHJZZ`7 cbHJW`8YHJ`g

7cbj Ybcfg

B Ua Y	9a Uj`	5j Uj`UVj`]m	@cWUjcb	D\cbY
8f`7\fgjhd\Yf ? fYa a Yf	<a href="#">W. fYa a Yf4 i bgk "YXi "Ui</a>	6M 5DDC BHA 9BH A cbXUm% Ua !%&'bccb	&' %>@Yj Y`& F cVYfh K YVghYf 6i ]X]b[	Ž*%& -' , ) *' *(

GWXcc`7cbHJW`bZcfa Uhjcb

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Fcca`' %&ž@Yj Y`' žF cVYfhK YVghYf`6i ]X]b[ `fj % ( Ț

D\cbY. f\$&Ł-' , ) '( , ) \*

9a Uj. [gUa 4 i bgk "YXi "Ui](#)

K YVg]h. [k.k.k "Ufmg"i bgk "YXi "Ui #gUa](#)

## 5W\_bck`YX[ Ya YbhcZ7ci bHfm

I B G K `5fngž8Yg][ b`UbX`5fWk]HfWfi fY? Ybg]b[ hcb`UbX`DUXX]b[ hcb`Wla di gYg`UfY`Vi ]hcb`5Vcf][ ]bU`  
@UbXg"K Y`dUmci f`fYgdYWtg`hc`hY`6]X}[ U`UbX`; UX][ U`dYcd`Yg`k`c`UfY`hY`7i`gfcX]Ubg`cZ`hY`gY`UbXg"  
K Y`UW\_bck`YX[ Y`hY`5Vcf][ ]bU`UbX`Hc`fYg`G`fU]h`g`UbXYf`dYcd`Ygž`hY`; ]fgh5i`gfcU`Ubgžk`c`gY`UbXgž  
k ]bXg`UbX`k`UHf`g`k`Y`U`bck`g`UfYž`UbX`dUm`fYgdYWfi`hc`hY`f`i`b]ei`Y`j`U`i`Ygž`UbX`hY`f`W`b`h`bi` ]b[ `UbX  
YbXi`f]b[ `W`h`fYg`k`\\W`XYYdYb`UbX`Yb`f]W`hY`Z`cZci`f`b`U`h`cb`UbX`W`a`a`i`b]h`Yg`"

U[ Y`W`ci`f`h`g`m`c`Z`h`Y`C`Z]W`c`Z`h`Y`D`f`c`J`]W`!`7`UbW`c`f`b`X][ Ybci`g`[L`B`G`K`f`g`b`X\]\[ Ybci`g`g`f`U`h`\[`m](#)

7ci fgY'8YHJ]`g

I b]hg'cZ7 fYX]h%&'

Gi a a UfmicZ\hY'7ci fgY

H\Y'Wci fgY'k ]'' [ ] Y'mci 'hY'cddcfh b]mhc'd'Ub'UbX'YI YW'HY'U'ghfcb[ ž'di V'g\UV'Y'k cf\_'cZbUffU]j Y  
'ci fbU'jga "'H\]g'Wci fgY'WbhfYg'cb'cb[ !Zcfa 'b]XYdh'ci fbU'jga žVi hk ]h'Ub'Ym'cb'\ck 'hc'XYj Y'cd'U  
Vcc\_'dfc'YW'

Mci 'k ]''fYUX'UbX'X]gW'gg'U'j Uf]YfmicZdfcj cWU]j Y'd]YVW'g'cZ']HYfUfm'ci fbU'jga 'Zca 'hY'dUghZYk  
XYWUXYgžk \]Y'U'gc'fYgYUfW]b[ 'UbX'k f]h]b[ 'U') \$\$!k cfX'Ufh]WY'cZmci f'ck b"

Mci 'k ]''gh Xmi'hY'UfhicZbUffU]j Y'ci fbU'jga . 'hY'W'bfhc''YX'XY'j] Yfm'UbX' ]b'Yfd'UmicZV\UfUW'fž'gW'byž  
d'chždYfgdYW]j YžX]U'c[ i Y'UbX'XYgW]d]h]cb/YI Ua ]b]b[ 'hY'W'U'Z'f'g'dfUW]WU'j]Ygž]bW' X]b[ 'gY'YW]b[ 'hcd]Vg  
UbX'c'WU]h]cbgž'gh]m]b[ 'cb'hUf[ Yhž'\_YYd]b[ 'bch'g'UbX'f'Y'W'f'Xgž'i g]b[ 'd\chc[ fUd'mž'hUf[ Yh]b[ 'di V']WU]h]cbg'cf  
di V]g\Yfgž'UbX'k f]h]b[ 'a U[ Un]bY'd]h'W'Yg'UbX'Vcc\_'dfcdcgU'g"

žmci 'UfY'Ybfc''YX' ]b'hY'+&'I C7'd'Ub'mci 'a i gh\Uj Y'gi W'W'ggZ 'mW'ca d'Y'Y'X'U''mci f'7c[ bU'Y'7ci fgYg  
f&( 'I C7'É'VYž'fY'VY]b[ 'Y][ ]V'Y'hc'Ybfc'' ]b'A 8-5) \$%\$"

7ci fgY'@YUfb]b[ 'Ci hW'ca Yg

%" 9a d'cmW]h]W' ]h]b]b[ 'k \Yb'fYUX]b[ ''cb[ !Zcfa 'bUffU]j Y'ci fbU'jga "  
&" F YgYUfW'UbX'd'Ub'U'k cf\_'cZ'cb[ !Zcfa 'bUffU]j Y'ci fbU'jga "  
' " K f]h'U'ghfcb[ 'd]h'W'hc'YX]h'f'g'UbX'di V'g\Yfg'k ]h' hY'U]a 'cZgY'' ]b[ 'hY]f'k cf\_"  
( " 8Ya cbgfhU'Y'Ub'i bXYfgfUbX]b[ 'cZ'Y'W'X'b]WU'UbX'W'cb'W'dh' U'UgdYW'g'cZ'W'Y'U]j Y'bcbl'Z]W]cb  
k f]h]b[ "  
) " 7cbXi W]h]b'h'f]j Yk g'UbX'i bXYfgfUbX'hY'Y'h]WU' ]ggi Yg' ]bj c'j YX' ]b'c'V'U]b]b[ 'gci f'W'g'UbX'i g]b[  
]bZcfa U]h]cb"  
\*" K f]h'U'W'ca dY'' ]b[ 'd]Y'W'cZ'cb[ !Zcfa '' ]HYfUfm'cf'bUffU]j Y'ci fbU'jga "

HYUW]b[ 'GhfU]h[ ]Yg'

H\]g'Wci fgY'k ]''VY'fUj [ \h]Z]W'!hc!Z]W' 'i g]b[ ''Y'W'i fYgžk cf\_g\cdgž'UbX'dfcV'Ya !gc'j ]b[ 'YI YfW]gYg"5''  
W'ca dcbYbh'k ]''\Uj Y'U'ghfcb[ 'Ya d\Ug]g'cb'gh' XYbh'dUfh]W]dU]h]cb'UbX'f'YZY'W]cb'cb ]ggi Yg'dcgYX'Vm'hY  
'Y'W'i fYfž'UbX'fU]gYX'Vm'gh' XYbh'YI dYf]Yb'W'g' ]b'hY'Z]Y'X"

## 5ggYgga Ybh

@]hYfUfmi/ 'B UffUhj Y'>ci fbU]ga 'XYa UbXg'U'ghYUXmiUWV a i 'U]cb'cZHY'a UHYf]U'g'bYYXYX'hc'k f]hY  
YI hYbXYX'bc bZ]W]cb'bUffUhj Y"E i U]mW]bbchVY'dfcXi WYX'Uh'hY'Ugha ]bi hY'z'Ug']g'hY'W]gY ]b'bYk g  
'ci fbU]ga "'9UWX'k YY\_'gh'XYbh]a i ghXYa cbgfhU'h'gi VghUbh]U'dfc[ fYgg:]b'hY'XYj Y'cda YbhcZHY'a U'cf  
dfc'YW]'C bW]'mci f'hd]W]g'Uddfcj YX']h'7 5B B C H'WXUb[ Y"'7 \Ub[ Yg'hc'hY'Ub[ 'Y'UbX'UddfcUWX'hc'hY  
WXcgYb'hd]WUFY'U'ck UV'Y"'B C'WXUb[ Yg'UhU''UFY'dYfa ]hYX'Z'ca 'hY'YbX'cZK YY\_+'cbk UfXgžgc'a U\_Y

mYUf'g'fYW'gg]cb''cf'A f'>cbYg'X]] cfW'k Ug'Ubbci bW'X' ]b'>Ubi Ufmc'b'\]g': UW'Vcc\_'dU[ Y''E''8C' B C H  
 9A 698' I F @g' ]b'h'Y'h'i h'F YZ'fYbW'h'Ya ' ]b'h'Y'V']V' ]c[ fUd\m'

C b'h'Y'W'j Yf'dU[ Y'cZmci f'gi Va ]gg]cbg'U'k Umg'ghU'Y'mci f'Ybfc''YX'bUa Y'fbc'b]W\_bUa Ygt'Z'i b]] Yfg]m  
 Ya U]'UXXfYgg'Z'gh XYbhibi a VYf'Z'W'ci fgY'bUa Y'Z'UbX'gYa ]bUf'XUmUbX'h'a Y''5'k Umg'ghU'Y'h'Y'fYei ]fYX'k cfX  
 'Yb[ h'c'Zmci f'gi Va ]gg]cb'Ug'k Y''Ug'h'Y'UW'h U'k cfX''Yb[ h'g'i Va ]h'YX''8c' B C H' ]bWi XY'fYZ'fYbW'g'cf  
 W'cbhUW'hXYhU]g' ]b'mci f'gi Va ]h'YX'k cfX''Yb[ h'f']Y''cb'm'W'ci bh'h'Y'k cfXg' ]b'h'Y'VcXmicZmci f'YggUmcf  
 Ufh]WY'E''

5ggYgga Ybh'Ug_	K Y][ \h	8i Y'8U'Y	7ci fgY'@YUfb]b[ Ci h'W'a Yg'5ggYggYX
%"; YbfY'9ggUm	&\$	\$\$#%\$#&\$&%\$) . \$\$'DA	%ž(
&"F YgYUfW'Dc'f'Z'c' ]c	' \$	%- #/%#&\$&%%%) - 'DA	&ž' ž'(ž)

Hc`YbW6i fU[ Y`VYHf`UWUXYa ]Wk f]h[ žgh XYbth`UFY`fYei ]fYX`hc`]bWl XY`U`X]fYWhei ch`k`Yb`W]h[ `U  
gci fW`Zc`f`h`Y`Z]fgh]a Y`]b`h`Y`YggUm

- 5W6fX]b[ `hc`A`Yff]`ž`"b`h`Y`@cmU`hmiA`cXY`ž`Zci`f`df]bW]dU`U`Y[ ]UbW`g`gi [ [ YghhYa`gY]`Yg`]b`h`k`c`  
gYhg`c`ZUb]h]a`cb]Yg`"fA`Yff]`ž`%`-`-`.'`\*`'`Ł

Gi`VgYei`Ybhi`gY`c`Z`h`Y`gUa`Y`gci`fW`g`lci`X`VY`UW6a`dUb]YX`VmY]h`Yf`U`X]fYWhei`ch`f`Ug`g`lck`b`Uvcj`YŁ  
cf`Ub`]bX]fYW]h]f]dUf]dU`fUgYXŁ`ei`ch`.

- >ci`fbU`]gh]a`UmVY`]bj`c`j`YX`cf`U`cc`Z`8]cbmg]Ub`cf`5dc`"cb]Ubž`dcYh]Wcf`dfcgU]Wž`dYfgcbU`]ghcZ`  
ZUWl`U`]ghž`Yl`]gh`b]h]U`]ghcf`fU]h]cbU`]gh`fA`Yff]`ž`%`-`-`.)`-`!`\*`Ł

K`YbYj`Yf`mci`]b]fcXi`W`U`bYk`gci`fW`mci`A`I`GH`]bWl`XY`U`X]fYWhei`ch`Zca`h`Uhgci`fW`":`cf`Yl`Ua`d`Yž`  
]Zmci`f`V]V]c[`fUd`m`W6bhU]bg`%\$`gci`fW`gž`mci`f`YggUma`i`gh]bWl`XY`U`h`Y`Ugh`%\$`X]fYWhei`ch`Ygž`cbY`Zca`  
YUW`gci`fW`]b`mci`f`fY`Z`fY`bW`"gh`

5`"W]h]cbg`A`I`GH`B7@`89`H<9`9L57H`D5;`9`BI`A`69F`cb`k`]W`h`Y`ei`ch`c`W`W`fg`"8c`B`C`H`W]h`  
dU[`Y`fU]b[`Ygž`"Y`"dd`"&)!+)"`Zi`g]b[`U`gci`fW`Zca`h`Y`]b]h]fbYhk`]W`"UW`g`U`dU[`Y`bi`a`VYfž`bch`h`]g`Vm`  
i`g]b[`h`Y`UVVfYj`]U]h]cb`fB`"D`fifbc`dU[`Y`bi`a`VYfŁ`Gci`fW`A`I`GH`VY`dfYXca`]bUb]hmgW`c`Ufmgci`fW`g`  
b]h]fbYhgci`fW`g`k`]h`ci`hdU[`Y`bi`a`VYfg`g`lci`X`UW6i`bhž`f`U`a`]bcf]mciZmci`f`gci`fW`g`"

5g`U`fci`[`\\`i`]XYž`U`gW`c`Uf`mYggUm]g`lci`X`]bWl`XY`U`a`]b]a`i`a`cZ`X]ZYfYbhgW`c`Ufmgci`fW`g`dYf`dU[`Y`  
Gh`XYbth`A`I`GH`5J`C`B`"cb[`dUggU[`Yg`XYj`c]X`cZW]h]cbg`"

b`mci`f`F`Y`Z`fY`bW`@]ghXc`B`C`H`]bWl`XY`fY`Z`fY`bW`g`h`U`h`Uj`Y`bchVYyb`W]hX`]b`h`Y`hYl`hcZmci`f`YggUm`5`  
gci`fW`g`i`gYX`]b`h`Y`hYl`hcZmci`f`YggUm`A`I`GH`VY`]bWl`XYX`]b`h`Y`fY`Z`fY`bW`"gh`

:`c`"ck`]b[`h`Y`Uvcj`Y`g]mY`k`"a`cfY`WYUf`mX]ZYfYbh]U]h`VYh`YYb`W]hX`a`U]h]f]U`h`U]h]g`hU`Yb`Zca`U`  
gci`fW`ž`UbX`mci`f`ck`b`cf][`]bU`k`f]h]b[`UbX`Uf[`i`a`Yb`h`

.....}

### 5ggYgga`Ybh&`F`YgYUfW`Dc`fhZc`]c`

GUfhXUH. ` \$\* # \$ - # & \$ % \$ - . \$ \$ 5A  
5ggYgga`Ybh`Yb[`h. `%(`\$`\$!`%`\$`\$`k`cfXg  
Gi`Va`]gg]cb`bch]g. `GYY`A`ccX`Y`W6i`fgY`g]h`  
8i`Y`XUH. ` %`#`%`#`&`\$`&`%`%`%`)-`DA

%ž) \$ \$ `k`cfXg`"E`i`U`]h]h]j`Y`ZYXVUW`d`f]c]`jYX`j`]U`Hi`fb]h]b`"

H`]g`Ugg][`ba`Ybh]g`gi`Va`]h]X`h`fci`[`\\`Hi`fb]h]b`UbX`gh`XYbth`Xc`bchigYY`Hi`fb]h]b`g]a`]Uf]m]fYdc`f]g`"

### 5XX]h]cbU`XYh]g`

Dc`fhZc`]c`Yl`YfW]gYg`UbX`gi`Va`]gg]cbg]j`UfmZca`mYUf`hc`mYUf`]b`hYfa`g`c`Z`h`Y]f`bU]h`fYž`k`cfX`Yb[`h`UbX`  
h]a`]b[`"H`Y`gY`k`]"`[`YbYfU`mVY`ZU[`[`YX`cbY`k`YY\_]`b`UXj`UbW`ž`Vi`ha`UmcVW]g]cbU`mVY`Ubbci`bW`X`]b`  
WUgg`k`YfY`Xc]b[`gc`]g`UXj`Ub]h]U`Yci`g`Zc`f`gh`XYbh`YUfb]b[`"

### 5ggYgga`Ybh`.'`@cb[`Zcfa`5fh]WY`

GhUfhXUHŸ. % #&- #&\$&%\$- . \$\$'5A  
5ggYgga Ybh`Yb[ h. ' ( \$\$!' \* \$\$'k cfXg  
Gi Va ]gg]cb`bchŸg. GYY`A ccX`Y`Wci fgY`g]hŸ  
8i Y`XUHŸ. %&#%#&\$&%\$) . \$\$'DA

' ž) \$\$'k cfXg"E i U`]hŸj Y`ZYXVUW`dfcj ]YX`j ]U`Hi fb]h`b"

H\]g`Ugg][ ba Ybh]g`gi Va ]hŸX`h`fci [ \ `Hi fb]h`b`UbX`ghi XYbŸg`Xc`bchŸgY`Hi fb]h`b`g]a ]`Uf]mifYdcfŸg"

5XX]h]cbU`XYhU]`g

H\]g`Ugg][ ba Ybh]g`BCH`U`gWc`Uf`mYggUn`f`fYei ]fYg`h`Uh`h`Y`gh`XYbhd`fc`Xi`W`U`b`c`f][ ]bU`f]mifUfm  
bcbZ`W]cb`bUffU]h] Y`VUgYX`cb`YI`h`bg]j`Y`]b`h`f]j`]Yk`]b[ `cZ`W`!`cd`Y`f`U`h]j`Y`f`Y`j`Ub`h`g`c`i`f`W`g`U`b`X`]`b!  
XYd`h`f`Y`d`c`f`h]b[ "G`h`c`f`m`d`f`c`d`c`g`U`g`b`Y`Y`X`h`c`V`Y`W`U`f`Y`Z` `m`h`U]`c`f`Y`X`U`b`X`U`d`d`f`c`j`Y`X`]`b`U`X`j`U`b`W`h`c`Y`b`g`i`f`Y`h`U`h  
gd`Y`W`Z`W`U`b[ `Y`g`z`]b`h`f]j`]Yk`g`z`V`U`W`\_`[`f`c`i`b`X`f`Y`g`Y`U`f`W`X`Z`W`c`b`h`I`h`z`c`W`U`h]c`b`g`Y`j`Y`b`h`g`U`b`X`j`]Yk`d`c`]b`h`g`U`f`Y`]X`Y`b`h]Z`Y`X  
U`b`X`U`W`W`g`g`Y`X`"Gi Va ]gg]cbg`a`i`gh`V`Y`U`W`W`c`a`d`U`b]Y`X`V`m`f`Y`Y`j`U`b`h`i`i`h`a`Y`X]U`Y`Y`a`Y`b`h`g`"G`h`X`Y`b`h`g`a`i`gh`U`g`c  
gi Va ]h`U`b`U`i`X]c`j`Y`f`g]cb`c`Z`h`Y]f`b`U`ff`U`h]j`Y"

5`Y`g`g`U`m`g`a`i`gh`V`Y`gi Va ]hŸX`Ug`K`CF`8`8`C`7`G`i`g]b[ `%)`gdUW]b[ ""


&&'C Wc VYf		WUgg'UbX' ]b!WUgg'UWj ]hYg'UbX'gWYYb]b[ g"
K YY_+. '&) 'C Wc VYf! &- 'C Wc VYf	GYa ]bUf	GYY'h\Y'A ccX'Y'Wci fgY'g]h'Zcf'fYUX]b[ gždfY! WUgg'UbX' ]b!WUgg'UWj ]hYg'UbX'gWYYb]b[ g"
K YY_'. '%Bcj Ya VYf! ) 'Bcj Ya VYf	@YWi fY	GYY'h\Y'A ccX'Y'7ci fgY'g]h'Zcf'fYUX]b[ gždfY! WUgg'UbX' ]b!WUgg'UWj ]hYg'UbX'gWYYb]b[ g"
K YY_-. ': 'Bcj Ya VYf! &'Bcj Ya VYf	GYa ]bUf	GYY'h\Y'A ccX'Y'Wci fgY'g]h'Zcf'fYUX]b[ gždfY! WUgg'UbX' ]b!WUgg'UWj ]hYg'UbX'gWYYb]b[ g"

# F Ygci fWg

## DfYgWf]VYX`F Ygci fWg`

; ]j Yb'i bWfH]bhmfY[ UfX]b[ 'k \Yb'GmXbYmfg'cW\_Xck b'k ]'YbXZ'UbX'k ]h'a Ubmigh XYbHg'VUgYX'cZg\cfYz  
k Y'i f[ Y'U'`gh XYbHg'hc'cVH]b'mci f'ck b'WcdmicZ'hY'Wci fgY'hYI H'cc\_'5G5D"

H\Y'hYI H'cc\_]g'A Uf\_? fUa Yf/ 'K YbXm7 U`fg'f&\$\$+tZ' V]]Z\_X`dfV`e`cZ/d, 3 @`\_WtZ`\_H`cZ/ad 9 fZUV  
W`^`eYV`@Z`^`R`\_8`f`\_URZ`\_Re: RcgRdJ`\_ZgVcdZj`zD'i a Y"H\]g'Vcc\_]g'hY'gci fW'cZH]`cfYX'fYUX]b[ g'jb  
Yj Yfmk YY\_'cZHYfa "Mci`'a i ghick b']h'

H\Y'Vcc\_]g'Uj U]UV'Y'Ug'bYk ži gYX'UbX'jb'U'? ]bX'Y'Zcfa Uhj ]U'5a Uncb"Wca .

[\hfdg.##k k k "Ua Uncb"Wca #HY`\]b\[ !Hfi Y!Ghcf\]Yg!BcbZ\]W\]cb!: ci bXU\]cb#Xd#s\( \) && +\) \)'](#)

[HY`\]b\[ 'Hfi Y'Ghcf\]Yg.'5`BcbZ\]W\]cb'K f\]hYfg/`.' - /: i \]XY`Zca`hY`B\]Ya Ub: ci bXU\]cb`Uh< Ufj UfX  
I b\]j Yfg\]hm? fUa YfzA Uf`z7 U`zK YbXm'- +, \\$\( \) && +\) \) \\*.'5a Uncb"Wca .`6cc`g](#)

HY`]b[ 'Hfi Y'Ghcf]Yg.'5`BcbZ]W]cb'K f]hYfg/`.' - /: i ]XY`Zca`hY`B]Ya Ub: ci bXU]cb`Uh< Ufj UfX  
I b]j Yfg]hm? fUa YfzA Uf`z7 U`zK YbXm'Qcb'5a Uncb"Wca "'f: F 99f'g\]dd]b[ 'cb'ei U]Z]b[ 'cZYfg"  
HY`]b[ 'Hfi Y'Ghcf]Yg.'5`BcbZ]W]cb'K f]hYfg/`.' - /: i ]XY`Zca`hY`B]Ya Ub: ci bXU]cb`Uh< Ufj UfX  
I b]j Yfg]hm

k k k "Ua Uncb"Wca

Mci`'Wb'U'gc'Vi mi gYX'Wcd]Yg'j ]U'9VUm

[\hfdg.##k k k "YVUm'Wca "Ui #fa #% \( , ' %&\\$\\$\\$\\*\) 3Yd\]X1% ' &\) \\$\\$- \\*/ \Ug\1\]hYa &V\\$, W\]W\]U%\[ ?N\[ 55C Gk K  
Z>\[ a mk A / Z\]W\]W\] dh\]hfi Y](#)

[HY`\]b\[ 'Hfi Y'Ghcf\]Yg.'5`BcbZ\]W\]cb'K f\]hYfgfi`i \]XY`Zca`hY`B\]Ya Ub: ci bXU\]cb`- +, \\$\( \) && +\) \) \\*`pY6Um](#)

: ]bX'a Ubm[ fYUhbYk / 'i gYX'cdh]cbg'UbX'[ Yh'hY'VYgh  
XYU'g'Zcf'HY`]b[ 'Hfi Y'Ghcf]Yg.'5`BcbZ]W]cb'K f]hYfgfi  
'i ]XY`Zca`hY`B]Ya Ub: ci bXU]cb`Uh'hY'VYghcb`]bY  
df]W]g'UhY6Um

k k k "YVUm'Wca "Ui

@\_Y'c'hYf'Wci fgYg'jb'hY'A UghY'f'cZ>ci fbU]ga / '7ca a i b]W]h]cbg'ghfYUa žgh XYbHg'k ]'VY'gi Va ]h]b[  
DcfhZ'c'WcbH]Vi h]cbg'UWfcgg'hY'hYfa "'Mci`'UfY'fYei ]fYX'hc'dfYdUFY'DC F H: C @€`C B 9`VYZcfY'hY'YbX'cZ  
C f]YbH]cb'K YY\_'H\Y'hUg\_'fYei ]fYg'hUhmci`'UW]W]gg'UbX'j ]Yk`'6YbbYhA ]'Yffg'&\$\$) 'ZYUhi fY'Z'a`'5Ra`'eZ

ZUhi fjb[ 'D\']d'GYma ci f'<cZa UbžUbX'k f]h'U') \$\$!k cfX'UbU'mg]g'cZh.Y'']h'fUfm'ci fbU'gh]WfYgYUfWk  
h'VW.b]ei Yg'XYd]WYX'jb'h.Y'Z'a "

5 Ra` e/ ]g'Uj U]UV'Y'jb'5i ghfU'U'cb'GH5B""D'YUgY'UWwgg'h.Y'Z'a 'k \YfYj Yf'mci 'UFY'UbX'Wca d'Yh' h.Y  
Dcfh'c'jc'YI YfW]gY'Vmi'&' ") - 'da ': f]XUm%\$'GYdh'a VYf'&\$&%ž'h.Uh]g'k c'XUmg'VYZcfY'h.Y'ghUfhicZK YY\_'%cZ  
h.Y'Wci fgY"

K Y''\][ \mfYWca a YbX'h.Uh'mci 'fYUX'k c'ch.Yf'Vcc\_g'k \]W'YI Ya d']Zm'h.Y'']h'fUfmbcbZ]W]cb'ghmY'cZ  
k f]h]b[ 'h.Uh]g'h'U [ \h]b'h]g'Wci fgY""H\Ym'UFY'Hfi a Ub'7 Udc'h'f]';\_ 5` ]U 4]'` Uf i dcb'k \]W'5 Ra` e/ ]g  
VUgYXž'UbX'<i bh'f'G""H\ca dgcb'f]%' \* + 'WUgg]WcZh.Y' [ YbfYž: V]]d 3\_XV]d, YV æR\_XV R\_U VccZ]V  
RXR` W'V 7 f'qRh ?` e` cTj T]V 9 R\_Xdž

H\YfY' ]g'g]a d'mbc'VYh'f'k Umhc' dfYdUFY'mci fgY'Zhc'k f]h'U' ž) \$\$!k cfX'']h'fUfm'ci fbU'gh]WbUffU]h] Y'h.Ub  
hc'ja a YfgY'mci fgY'Z]b'h.Y'ghmY'UbX'ghfi W'h' fY'cZk f]h]b[ 'Ya VcX]YX' ]b'h.YgY'a Ugh'fd]YW'g'cZbcbZ]W]cb  
']h'fUfmUfh'

9b'cmfYUX]b[ 'cj Yf'h.Y'VfYU\_`

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

Gh XYbhZYXVUW\_ ]g' ]b] ]h'X'j ]U'h.Y'a m9l dYf]YbW'gi fj Ym]b'h.Y'gYWcbX'\U'ZcZgYa Ygh'f'': YYXVUW\_ Z'ca  
dfYj ]ci g'mYUfg'\Ug'Wcb'f]Vi h'X'hc'W.Ub[ Yg' ]b'W ff]W' i a 'UbX'UW]j ]h'Ygž'UbX' ]g'Ub'ja dcfU]bhdUfhicZh.Y  
XYj Y'cda YbhUbX'ja d'fcj Ya YbhicZWci fgYg"



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

D`U[ ]Uf]ga `]g`i g]b[ `h`Y`k cfXg`cf]XYUg`cZc`h`Yfg`UbX`dFYgYb]b[ `h`Ya `Ug`mci f`ck b`" #WUb`hU`Y`a`Ubm  
Zcfa gZ`Zca `XY`]VYfUHY`WX`YU]b[ `hc`UW]XYb]U`m`Wc]dm]b[ `Zca `U`gci fW`k ]h`ci hUW`bck`YX[ Ya`Yb]h`

I BGK ` [ fci dg`d`U[ ]Uf]ga `]b]c`h`Y`Zc`ck ]b[ `W]hY[ cf]Yg.

7 c]d]m]b[ .`I` g]b[ `h`Y`gUa`Y`cf]j`Yfmg]a` ]Uf`k`cfXg`hc`h`Y`cf][ ]bU`hY`hcf]XYU`k`]h`ci`hUW`bck`YX[ ]b[ `h`Y`  
gci`fW`cf`i`g]b[ `ei`c]h]cb`a`Uf`g`"H`]g`]bW] XYg`Wc]dm]b[ `a`U]Yf]U`gZ]XYUg`cf`Wc]bW]d]hg`Zca`U`Vcc`Z`U]h]WY`Z`  
fYdc]f]hcf`c]h`Yf`k`f]hYb`XcW`a`Yb]Z`dFYgYb]h]cb]Z`Wc`a`dcg]h]cb]Z`U]f]k`cf`Z`XYg][ bZ`XfUk ]b[ Z`W]fW ]h]m]Z`Wc`a`di`hYf`  
dfc[ fUa`cf`gc`Zk`UfY`Zk`YVg]hY`Z]b]hYfbY]Z`c]h`Yf`Y`Y`W]fcb]W]fYgci`fW`Z`cf`Ubch`Yf`dYfgcb]f]g]Ugg][ ba`Ybhk ]h`ci`h`  
Uddfc]df]U]h`UW`bck`YX[ Ya`Yb]h`

#Uddfc]df]U]h`dUfUd`fUg]b[ .`7` \Ub[ ]b[ `U`Zk`k`cfXg`UbX`d`fUgYg`k` \]Y`a`cghm]fY]U]b]b[ `h`Y`cf][ ]bU`  
]bZcfa`U]cb]Z`g]h]i`W]i`fY`UbX`#`f`dfc[ fYgg]cb`cZ]XYUg`cZ`h`Y`cf][ ]bU`k`]h`ci`hUW`bck`YX[ Ya`Yb]h`H`]g`U`gc`  
Udd`]Yg`]b`dFYgYb]h]cb]g`k` \YfY`gca`YcbY`dUfUd`fUgYg`Ubch`Yf`g`]XYUg`cf`k`cfXg`k`]h`ci`h`W]YX]h]UbX`hc`  
d]Y]W]b[ `hc[ Y]h`Yf`ei`c]hYg`UbX`dUfUd`fUgYg`]b]c`U`bYk`k` \c`Y`Zk`]h`ci`h`Uddfc]df]U]h`fY`ZYfYb]W]b[ "

7 c`i`g]cb.`K`cf`\_]b[ `k]h]cb]hYfg]i`V]h]g]U]g]b[ ]Zc]Z`h`Yf`k`b]g`U]g]U]g]d]Yfg]b]X]g]i]b]X]f`cf`k`]c`i`Zc]a`U`gc`  
]bW] XYg`dfc]j]X]b[ `mci`f`k`cf`\_`hc`Ubch`Yf`gh`XYbh]Zc`f`h`Y`di`fdcgY`cZ`h`Ya`d`U[ ]Uf]g]b[ Z`dUm]b[ `Ubch`Yf`  
dYfgcb`hc`dYfZcfa`Ub`UWXYa`]W]Ug`Z`gh`U`]b[ `cf`U]W]e]i`]f]b[ `Ubch`Yf`dYfgcb`g`UWXYa`]W]k`cf`\_`UbX`Wc]dm]b[  
]hZ`cZ]Y]b[ `hc`Wc`a`d`Y]h`Ubch`Yf`dYfgcb`g`k`cf`\_`cf`gYY\_]b[ `dUm]a`Ybh]Zc`f`Wc`a`d`Y]h]b[ `UWXYa`]W]k`cf`\_`

#Uddfc]df]U]h`W]h]cb.`7`]h]b[ `gci`fW`g`k` \]W` \Uj`Y`bchVYYb`fYUXZk`]h`ci`hUW`bck`YX[ ]b[ `h`Y`  
"gYWc]bXUf]m`gci`fW`Zca`k` \]W`\_`bck`YX[ Y`cZ`h`Ya` \Ug`VYYb`cV]U]b]YX"

8i`d`]W]h]cb`f]f]gY`Z`d`U[ ]Uf]ga` "E`Gi`Va`]h]b[ `mci`f`ck`b`k`cf`\_`Z]b`k` \c`Y`cf`]b`dU]f]Zk` \YfY`]h`Ug`dFY]`]ci`g`m`  
VYYb`dFYdUfYX`cf`gi`Va`]h]YX`Zc`f`Ubch`Yf`UggYgga`Ybhcf`Wc]i`fgY`U]h] BGK`cf`Ubch`Yf`i`b]j`Yfg]m`

7 cffYW]h]fYZY& W Yj \$

