

# 8YdUfh a Ybh'cZ' <]ghcfm'UbX'Dc`h]WU`'GW]YbWY

## 7c`Y [Y'cZ'5fhg'UbX'GW]YbWYg

:UWi`hm

Ghd\Yb'7Uf'gfl%, 'E'I b]j Yfg]m]DfcZ'ggcf'cZ< ]ghcfm]UbX'8YdUf]a Ybh7\Uf''6"5"zK \YUcb'7c`Y]Y'A "5""UbX D\8"zI b]j Yfg]micZA ]bbYgcH'

8Uj]X?Y]h'6U]g]f]SS('E'5gg]g]U]b]D]f]c]Z'ggcf'cZ< ]ghcfm'6"5"zI b]cb]I b]j Yfg]m]A "5"zGci h]k Yg]M]b'6U]d]h]g]H]Yc! `c[ ]W'G]Ya ]b]U]m]D\8"z? U]b]g]G]H]Y]I b]j Yfg]m]h

9X'6m]U]b]h]f]SS('E'@Y]M]f]Y]'b'Dc`h]W'G]M]b]W]UbX'Gd]Y]U'5gg]g]U]b]h]c'h]Y]D]f]Y]g]X]b]h]'6"5""UbX">8"zI b]j Yfg]micZ A ]gg]g]dd]" 5`U]M]a U'D\8"zI b]j Yfg]micZ7c`cf]U]Xc"

3Y]h]7">@Z]c]h]Y]f] -- E'5gg]g]U]b]D]f]c]Z'ggcf'cZ< ]ghcfm'6"5""UbX'A "5"zK Yg]M]b'? Ybh] W]m]l b]j Yfg]m]D\8"zI b]

<-GHCFM'5B8'DC@H'75@G:9B79

j Yfg]micZA Ya d\]g"

K "H]M]f]m]@]b]X]Y]m]f]%, \*E'DfcZ'ggcf'cZ< ]ghcfm'6"5"zH]M]U]g]5/ 'A ]I b]j Yfg]m]A "5"zI b]j Yfg]micZB]Yk Cf`Y]U]b]g]D\8"z H]M]U]g]7\]f]g]h]U]b]I b]j Yfg]m]5XX]h]cb]U'g]i X]r]z]Gci h]k Yg]M]b'6U]d]h]g]H]Yc`c[ ]W'G]Ya ]b]U]m]h

8Uj]X]H]ca U]g]f]f] - (E'DfcZ'ggcf'cZ< ]ghcfm'6"G]z]H]Y]C\]c`G]H]Y]I b]j Yfg]m]A "G]zI b]j Yfg]micZA ]W][ ]U]b]D\8"z H]Y]C\]c`G]H]Y]I b]j Yfg]m]h

### 7i]f]f]W]i`i]a

H]Y]8YdUf]a Ybh]c]Z< ]ghcfm]UbX]Dc`h]W'G]M]b]W]c]Z]f]g]W]i]f]g]Y]g]h]U]h]U]F]Y]X]Y]g][ ]b]Y]X]c'a Y]h]V]c]h] W'h]f]U]UbX]d]f]c]Z]g]

, \$

% < =G%6%7%8&&()

<:GHCFM|5B8 DC@H:75@ G7:9B79

,%

<-GHCFW!5B8!DC@H!75@G7:9B7!9

**&& H\YI b]hXGHUgZca %++fLE**

5'g fj YmcZI b]hXGHUgYa d\Ugn]b| 'bYk 'gcVU'UbX'j]bXi gf]U'dfcVYa gzhYf]gYcZdfc[ fYggj ]ga z5a Yf]Wg  
Ya Yf] YbWUgUk cf'X'dek YzK cf'X'K Uf'zdcgk Uf'fYUWcb'UbX'h'YB Yk '8YUzK cf'X'K Uf'zUbX'WbhYa dcfUfni  
5a Yf]W'

**&) " < ]gcfmUbX< ]gcf]UbgfLE**

5b ]blfcXi W]cb'lc'h'YbUi fYcZ\]gcf]W'fYgYUFW'UbX'lc'j Uf]ci g'gWcc'g'UbX'd\]c'gd\]Yg'cZ\]gcfm'h'g'Wi fgY  
]g'bca U'miU'Yb'Xi f]b| 'cbYg'gd\ca cfYmYU'

**'SS" 5a Yf]Wb'7\i fW< ]gcfmflE**

FY]dfcW'WYX]h'7<F"SS"

FY] ]ci g'UbX'Wi fW'Xy Ycda Yblg]b'5a Yf]WZca 'h'YDi f]hUbg'lc'h'YdfYgYb'h'

**'S% 5bW]b]k< ]gcfmflE**

DfYfYei ]g]hY'<=G%\$%

A YX]hffUbYU!VUg'X'Wj ]'nUjcb'cZ'h'Y'UbW]b]k cf'X''9a d\Ulg'k ]''VY [ ]j Yb'lc'h'YB YU'9Ug; fYWz'UbX'  
Fca Y''

**'S" < ]gcfmZ7\ f]g]U]mflE**

DfYfYei ]g]hY'<=G%\$%UbX%\$&'F]W]dfcW'WYX]h'7<F" S)"

5'g fj YmcZ7\ f]g]U]mZca '7\ f]g]h'lc'h'YdfYgYb'h'

**'%& 9b] 'UbXlc %%% fLE**

Cf] ]b'UbX[ fck'h'cZ'h'Y9b[ ]g\ d'Ycd'YZca 'UbW]b]h]a Yg'lc'h'Y%h'Wb]h'fni9a d\Ulg]g'd'UWX'cb'Wb]g]h]i h]cbU'  
Xy Ycda Yblg''

**'%& A cXfb'6f]h]b'UbX'h'Y9a d]fYfLE**

A U]b'WffYb]g'cZ'h'ci [ \h'Wb]g]h]i h]cbU'WUb[ Ygzh'Yf]gY'cZdUf]Ua Yblz'UbX'Z'fY[ ]b'dc' ]W'h'

**'% " < ]gcfmUbX; cj Yfba Yb]cZ]h]b]YggYfLE**

FY]dfcW'WYX]h'DG7 "%"

H'Ydc' ]h]Wz'Wb]g]h]i h]cbU'zgc'VUz'UbX'W]b]ca ]W ]gcfmZca '%- \* lc'h'YdfYgYb'h'

,& **'% " F]bUgg'UbW'UbX'F]Zca U]cb'fLE**

FY]dfcW'WYX]h'7<F"%"

Bcfh'Yb'UbX'Gci h'Yfb'F]bUgg'UbW'F]Zca U]cbz'7ci bhf!f]Zca U]cbz'UbX'Dfch]g]U]h]ga "

**'% " H\Y: f]bW'F]y'c'i h]cb'UbX'B'Udc'Ycb'=fLE**

5'gi XmcZ'h'YVUW[ fci bXz'dYf'g'cbU]h]Yg'z'UbX'Yj Yblg'cZ'h'YF]y'c'i h]cbz'h'YB'Udc'Ycb]WK Uf'g'z'UbX'h'Y7'cb[ fYgg'cZ'  
J]YbbU'

**'&S" @U]b'5a Yf]Wb'< ]gcfmflE**

5b ]blfcXi W]cb'lc'h'Y\]gcfmZ@U]b'5a Yf]W]W] ]bb]b[ 'k ]h' d'fY]W'cb]U'UbX'W'cb]U'\]gcfmZ'Vi h'Ya d\Ugn]b| '  
h'Ydf]cX'g]bW]bX'Yd'Yb'X'Yb'W'

**'&& Hk Yb]h]h'7Yb]h'fniDi fcdYfLE**

DfYfYei ]g]hY'<=G%\$&"

H'Y\]gcfmZ'h'Y'W]b]ca ]W'h'Y\]g'Y\]# \]! Y ' \]g'h..'



~<GHCFW!5B8.DC@H!75@G7.9B79

' ' S" Di V]W5Xa ]blgfuHcbUbXDe`jWfA U ]bl fLE

5 ghi XmcZh YfZci fh VUbWf cZ] cj Yfba YbhcZh YI b]HXGHUhgk ]h UzWgcb h YXy Ycda YbhcZdi V]Wlc`jWfLbX` ]lgUXa ]blgfuHcb`H`YfYUhcBg`ld`Ua`cb` ]h`Y`Yl`YWhj`Yz`Yl` ]g`Uhj`Yz`UbX`i`X]WU`VfUbWYg`]g`Ugc`Ya`d`UgnYX`

' ' &`7ca dUFUj YDc`jHW`GngYa gflE

5 b UbUnglgcZh Ydf]a Umdc`jHW`gngYa gh UhZfa`h`YVUglgcZa`cXYfb`bUhcbl`g`Uhgzb`Ua`Ym`jVfU`XYa`cWUjW`gngYa`g`Z`Wa`a`i`b]gh`UbX`dcgh`W`a`a`i`b]gh`gngYa`g`Z`UbX`h`Y`Xy`Ycd]b]`gngYa`g`cZ`h`Y`dcgh`W`cb]U`]bhfbUhcBU`W`a`a`i`b]hm`H`]g`W`i`fgY`XcYg`bchXYU`k`]h`dUFjW`U`[`cj`Yfba`YbH`gfi`W`f`yg`

' ' ' " -bhfbUhcBU`Cf]`Ub]nUhcBg`UbX`@Uk`fLE

-bhfbUhcBU`cf]`Ub]nUhcBg`Vch`[`cj`Yfba`YbH`UbX`bcb!`[`cj`Yfba`YbH`Uz`Ug`h`Ym]bhfUmk`]h`]bhfbUhcBU`W`a`!`a`i`b]hm`-bhfbUhcBU`Uk`UbX`]lg`Xy`Ycda`YbH`fY`U`Ua`]bYX`

' ( S" H`Y`i`X]WU`DfcWgg

H`YbU`i`fYcZ`Uk`zh`Ydf]b]W`U`U`m`c`f`]b`h`Y`Yl`U`gngYa`I`dc`jWz`Uk`mfg`UbX`i`X]`Yg`UbX`h`Yf`fc`Yg`]b`h`Y`gngYa`U`g`k`Y`U`g`h`YU`]`]m`c`Z`W`i`f`l`g`t`c`a`U`Y`g`W`U`dc`jW`h`

' (&`H`YI`b]HXGHUhg`7cb]`fYggfLE

H`Yfc`YcZ7cb]`fYgg`]b`5`a`Yf]Wb`[`cj`Yfba`Yblz]bW`X]b]`Wb]`fYgg]cbU`Y`W`]cbg`zfYdfYg`YbH`UhcBz`h`Ycf]`Ub]nUhcB`cZ7cb]`fYgg`UbX`dc`jW`h`a`U`]b]`UbX`]lg`]bhfUmk`cb`k`]h`ch`Yfg`g`W`U`g`h`Y`dfYg`Xyblz]bhfYgh`fci`dg`h`Ya`YX]Uz`UbX`dc`jHW`dUFjYg`

' (('`H`Y5`a`Yf]Wb`DfYg`Xy`W`fLE

5 ghi XmcZh YWbg]h`h`cbUz]bg]h`h`cbU`UbX`]g`cf]W`Xy`Ycda`YbhcZ`h`YdfYg`Xy`W`k`]h`gd`W`U`U`h`b]h`cb`t`c`h`Y`g`Y`W`]cbzfc`Yg`Z`UbX`dck`Yfg`cZ`h`YdfYg`Xy`b`h`UbX`]g`]bhfUmk`cb`k`]h`ch`Yf`dc`jHW`U`m`c`f`g`

' ) ) " Dc`jHW`g`cZ`h`Y8`y`Ycd]b]`GHUhgfLE

8 yj Ycd]b]`g`Uhg`fYz`fYX`t`c`U`g`h`Y`h`]fX`fi`ci`f`h`L`E`K`cf`Xz`]bW`X]b]`6Ub]`UXy`g`za`cg`h`cZ5`Z]Wz`UbX`dUf]g`cZG9`5`g]U`VY]`]bb]b]`k`]h`h`Y`YbX`cZ`h`Y`W`cb]U`d`Yf]cX`

' \* S" Dc`jHW`g`cZ`g`Ua`fLE

H`Ydc`jHW`g`cZ`g`Ua`]WY]Yz`g`W`U`g`h`U`X]h`cbU]ga`z`fYz`fa`]ga`z`UbX`g`W`U`]ga`z`UbX`h`Yf`dc`jHW`]b`U`i`YbW`cb`[`cj`Yfba`Yblg`h`fci`[`ci`h`h`Y`g`Ua`]Wk`cf`X`UbX`h`Yf`fYUhcBg`]d`k`]h`g`f`U`Y`"

' \* ) " -bhfbUhcBU`GYWf]hmflE

GfU]h`]W`h`Ycf`n`h`f`f`c`f`]ga`z`W`i`bh`f`h`f`c`f`]ga`z`a`]`]h`f`m]bh`f`j`Yb]h`cbz`UbX`]bh`Y`]]`YbW`]b`h`Y`W`b`h`a`dcf`U`m`k`cf`X`

(SS" 8Ya`cWU]nUhcBU`bX`<`i`a`Ub`F]]`lgfLE

5`ghi`XmcZ`h`Y`h`YcfY]W`i`b`X`Yd]bb]b]`g`c`Z`X`Y`a`c`W`U`m`i`UbX`h`Ycf]]`]bg`UbX`Xy`Ycda`YbhcZ`i`a`Ub`f]]`lg`]b`h`Y`k`cf`X`t`X`U`h`

(%%" 5a`Yf]Wb`:`cfY]]`b`Dc`jWfLE

DfYfYei`]g]h`<`-G`&`%`cf`&`%`F`Y`W`d`c`W`W`Y`X]h`<`-G`(%`%`GY`<`-G`(%`%`Z`c`f`X`Y`g`W`d]h`cb`"

(%" -bhfbUhcBU`FYUhcBg`h`YcfmflE

H`U`X]h`cbU`UbX`a`c`X`Y`f`b]bhfbUhcBU`f`Y`U`h`c`b`g`h`Y`c`f]Y`g`g`W`U`g`f`Y`U]ga`z`]X`Y`U]ga`z`UbX`dc`g`a`c`X`Y`f]ga`"

(%)" 7cbg]h`h`cbU`@Uk`=fLE

5`ghi`XmcZ`h`Y`W`b`g]h`h`cbU`g`fi`W`f`Y`c`Z]`cj`Yfba`YbH`Ug`Xy`YcdYX`V`m`h`Y`I`"G`G`df`Ya`Y`7`ci`f`h`f`Y`U`h]b]`t`c`Z`X`Y`U`!`]ga`z`h`Y`g`Y`d`U`f`U`h`c`b`c`Z`d`c`Y`g`z`h`Y`i`f`]g`X]W`cb`c`Z`h`Y`W`i`f`g`z`h`Y`H`U`]b]`d`c`k`Y`z`h`Y`k`U`f`d`c`k`Y`z`UbX`h`Y`W`a`a`Y`W`d`c`k`Y`f`"

(%)" 7cbg]h`h`cbU`@Uk`=fLE

5`ghi`XmcZ`h`Y`W`b`g]h`h`cbU`X`c`W`f]b`Y`g`f`Y`U`h]b]`t`c`W`j`]`f]]`lg`UbX`W`j`]]`]W`f`h`Y`g`g`W`U`g`:]g`h`5`a`Yb`X`a`Yb`h`Z`Y`X`c`a`g`z`Yei`U`d`f`c`h`W`]cbz`df]j`U`m`z`UbX`f]]`lg`cZ`h`Y`U`W`g`X`"

(&)" Dc`jHW`UbX`F`Y]]`]cb`fLE

5`b`Yl`Ua`]b`U`h`c`b`c`Z`h`Y`]bhfUmk`cb`V`h`k`Y`b`dc`jHW`UbX`F`Y]]`]cb`]b`X`c`a`Y`g]W`UbX`]bhfbUhcBU`dc`jHW`

('`%`Dc`jHW`G`W`b`W`-bhfbg`]d`f`Y`d`Y`U`U`Y`i`d`t`\*`E

-bX]j`]Xi`U`n`X`Y`g]]`b`Y`X`g`i`X`m`k`]`W`d`Y`f`a`]`g`h`Y`i`d`d`Y`f`Y`Y`g`i`X`y`b`h`c`"Y`f`b`h`f`c`i`[`d`U`f]W`d]U`h`c`b]`b`U`m`U`[`cj`Yf`b]`a`Y`b`h`g`Y`h]b]`g`z`Y]h`Y`f`X`c`a`Y`g]W`f`]bhfbUhcBU`"7`c`g`Y`W`b`g`]`h`U`h`c`b`k`]h`h`Y`X`Y`d`U`f`a`Y`b]h]b`h`Y`X`Y`g]]`b`c`Z`h`]g`g`i`X`m`k`]]`V`Y`b`W`g`g`f`m`c`W`b`z`f`a`t`c`I`b]j`Y`g]m`g]L`b`X`U`F`X`g`f`Y]`U`X]b]`]bhfbg`]d`g`"

