



EDST5457

@jhyfuh fy'F Yj jYk 'jb'9Xi Wjhcb

GYa YghYf'Hk c''##'&\$%

7 ci fgY`Cj Yfj JYk

'GHUZZ7cbhUWw'8YHU]`g`

'7cbj Ybcfg`

B Ua Y	9a Uj`	5j Uj`UVj]`m	@cWUhcjb	D\cbY
F JWXUfX`B JYgWXY	f`b]YgWXY4 i bgk "YXi "Ui	j]U`Ya Uj`	%(`>c\b ; ccXgY`` 6i]X]b[Z`*%&`-' ,) % - %

GWXcc`7cbhUWw`bZcfa Uhjcb

GWXcc`cZ9Xi WUhcjb

5fmg`UbX`GcWU`GWYbWg

@Yj Y`%&>c\b`; ccXgY``6i]X]b[`fi &\$t

H. Z`*%f&t`-' ,) `%- ++

9. YXi WUhcjb4 i bgk "YXi "Ui

K . YXi WUhcjb"Ufmg`i bgk "YXi "Ui

5hYbXUbW`F Yei]fYa Ybmg

5XX]hcjbU`GWXcc`cZ9Xi WUhcjb`UhYbXUbW`fYei]fYa Ybmg

h]g`YI dYWWX`hUhUbmghi XYbhYbfc`YX`]b`Ub`98GH`Wci fgY`k]h`hY`GWXcc`cZ9Xi WUhcjb`k]`a`U_Y`U`
 Wca`a`]a`Ybhic`hY]f`YUfb]b[`UbX`UhYbX`U`WUggYg`]b`Z`k`YfY`WcbhYbh]g`XY`j`YfYX`]b`U`ZUW`!tc`ZUW`
 a`cXY`YI`Wdh]b`Wfhu]b`WfW`a`ghUbWg`k`YfY`UVgYbW`]g`Xi`Y`tc`]`bYggza`]gUXj`Ybh`fY`cf`i`bZcfYgYYb`
 WfW`a`ghUbWg`VYncbX`hY`ghi`XYbmg`Wcbfc`"5`a`]b]a`i`a`UhYbXUbW`fYei]fYa YbhicZ, \$i`]g`fYei]fYX`Zcf`
 YUW`Wci`fgY`"b`Wfhu]b`WfW`a`ghUbWg`z`U`ghi`XYbhia`Uma`]gg`i`d`tc`&\$i`cZU`Wci`fgY`k`]h`ci`hZcfa`U`
 Udd`]WUhcjb`UbX`i`d`tc`"i`cZU`Wci`fgY`k`]h`Zcfa`U`XcW`a`YbUhcjb`fYb]j`]U`Ya`Uj`tc`Wci`fgY`Wcbj`YbcfL`
 dfcj`]X]b[`U`hY`fYei]fYa Ybmg`XYHU]YX`VY`ck`UfY`a`YH`Gh`XYbmg`bcha`YYh]b[`hY`UhYbXUbW`
 fYei]fYa Ybmg`ci`h]bYX`UVcj`Y`k`]`VY`Uk`UfYX`Ub`i`bgUhgZUWcfm: Uj`fl`:`t`Zcf`hUhWci`fgY`fY`UfX`Ygg`cZ`
 hY]f`dYfZcfa`UbW`]b`hY`UggYgga`YbhUg_g`cf`chYf`fYei]fYa Ybmg`Zcf`hY`Wci`fgY`"

: cfZ`fYf`]bZcfa`Uhjcb`cb`9Xi`WUhcjb`Wci`fgY`UhYbXUbW`fYei]fYa Ybmg`z`d`YUgY`fYZf`tc`hY`fYgdYWW]`Y`
98GH`A`ccX`Y`a`cXi`Yfgt`

5WUXYa]W`bZcfa Uhjcb`

: cfYggYbh]U`ghi`XYbh]bZcfa`Uhjcb`fY`Uh]b[`tc`fYei`Ygmg`Zcf`YI`hYbg]cb/fYj`JYk`cZa`Uf_g/cVW`dUhjcbU`YU`h`
 UbX`gUZf`m`YI`Ua`]bUhjcb`dfcW`Xi`fYg/gdYWU`Wcbg]XYfUhjcb`]b`hY`Yj`YbhicZ`bYgg`cf`a`]gUXj`Ybh`fY`/
 ghi`XYbhYei`]mUbX`X]gUV`]m/UbX`chYf`YggYbh]U`UWUXYa`]W]bZcfa`Uhjcbz`
 gYY`[\hfdg.##k k "Ufmg`i bgk "YXi "Ui #W ffYbhghi XYbmg#UWUXYa \]W\]bZcfa Uhjcb#dfcWci`gl\[i \]XY`\]bYg#](#)

7ci fgY'8YHJ]`g

7fYX]hDc]bHg`*`

K cf_`cUX

%) \$\`ci fg]bWi X]b[`WUgg`Wc bHUWh\ci fgžfYUX]b[gž`WUgg`dFYdUfUf]cbžUggYgga YbžZc``ck`i d`UWfj]]fYgž YhW

Gi a a UfmicZ`h`Y`7ci fgY

H\]g`Wci fgY`dfcj]XYg`mci `k]h`Ub`cddcfh b]mhc`Wc bXi`W`Ub`]b!XYd`h`fYj]Yk`cZ`h`Y``]h`fU`h`fY`cb`U`h`d]WcZ]b`h`fY`gž`cf`]ggi`Y`fY`U`h`X`h`c`Y`X`i`W`h`c`b`" `h`k`]`Y`b`U`V`Y`mci`h`c`X`Y`j`Y`cd`U`X`Y`Y`d`Y`f`f`Y`Z`Y`W`j`Y`U`dd`f`c`U`W`h`c`

5ggYgga Ybh

F YZf'hc 'A ccX'Y 'Zcf'UggYgga YbhXYHJ]g

5ggYgga YbhHUg_g'

5ggYgga YbhHUg_	K Y][\h	Gh XYbh@YUfb]b[Ci hWta Yg 5ggYggYX	5 #HG@DfcZYgg]cbU'"; fUXi UH HYUW\]b['GHUbXUfXg'5ggYggYX	8 i Y 8 UH
@]hYfUhi fY'fYj]Yk '	;%\$!i	%z&Z	b#J	&* #/6\$#& \$% \$) . \$\$ DA

D`YUgY'fYZf'hc`3gefδ[Š` BdaXWée[a` S^E fS` VSdVe XadFWSUZWé`cb`hY`dfYj]ci g`dU[Y

5ggYgga Ybh8YHJ]`g

5ggYgga Ybh% '@]hYfUhi fY'fYj]Yk

GHUfhXUH. '

8YHJ]`g. 'HUg_ '%DUfh5" 'DfcdcgU`@Yb[h. '%\$\$\$'k cfXgH\]g'dUfhcZHLY`hUg_]g'U` \i fX`Y
fYei]fYa Ybh': cfa Uhj Y ZYXVUW_ 'dfcj]XYX'cb`]bY`h'fci [\ 'A ccX'Y'cb`h'Y'Wéi fgY'k YVg]h'k]h.]b`%\$`XUmg
cZgi Va]gg]cb"DUfh6. '@]hYfUhi fY'fYj]Yk @Yb[h. ') \$\$\$'k cfXgE i U']hUhj Y`UbX`ei Ubh]hUhj Y`ZYXVUW_
dfcj]XYX'cb`]bY`h'fci [\ 'A ccX'Y'cb`h'Y'Wéi fgY'k YVg]h'k]h.]b`%\$`XUmg`cZgi Va gg]cb"

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

D`YUgY'fYZf'hc`A ccX'Y

Gi Va]gg]cb`bchYg.F YZf'hc 'A ccX'Y 'Zcf'UggYgga YbhXYHJ]g" Gi Va]hj]U`Hi fb]h]b`fØ8GH`ghi XYbhg`k]`gYY
g]a]Uf]mfYdcfht

Hi fb]h]b`gYHh]b[. H\]g'Ugg][ba Ybh]g'gi Va]hYX`h'fci [\ 'Hi fb]h]b`UbX`ghi XYbhg`WU`b`gYY`Hi fb]h]b`g]a]Uf]m
fYdcfht"

Gi Va]gg]cb`cZ5ggYgga YbhHUg_g

Gh XYbhg`UfY`YI dYW`X`hc`di h`h`Y]f`bUa Yg`UbX`gh XYbhbi a VYfg`cb`Yj YfmdU[Y`cZ`h`Y]f`Ugg][ba Ybhg"

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

- K cf_`gi Va]hYX`%\$`hc`%-`XUmg`UZhYf`h\Y`gh]di``UhYX`XYUX`]bY

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

- i bXYfghUbx'mci f'f][\hg'UbX'fYgdcbg]V]]hYg'Ug'U'gh XYbhUhl BGK
- VY'Uk UfY'cZd'U[]Uf]ga ž'Wc'dmf][\hž' BGK 'Gh XYbh7cXY'cZ7cbXi W'Ubx'5W'W'dhUV'Y'I gY'cZ
I BGK '⇒H'F'Ygci f'W'g'Dc`]W'h
- VY'Uk UfY'cZ'Y'ghUbxUfXg'cZVY\Uj]ci f'YI dY'W'X'cZYj Yfmcby']b'h'Y'I BGK 'W'a a i b]m
- `cW'W'h'gYfj]W'g'UbX']bZ'fa U]cb'UVci hl BGK 'UbX'I BGK '@]VfUfm

Gca Y'cZ'Y'gY'UfY'Ug'k]`VY'ZJa]]Uf'hc'mci ž'c'h'Yfg'k]`VY'byk "; U]b]b['U'gc`X'i bXYfghUbx]b['cZU`'h'Y
fY'U'Y'X'UgdY'W'g'cZ9@G9'k]`'Y'd'mci 'a U_Y'h'Y'a cghcZmci f'gh X]Yg'Uhl BGK "
f\hd.#gi.V'Y'W'f'i]XYg"]VfUfm'i b'gk "YXi "Ui #']gY#UVci h']gYt

F Ygci fWg

DfYgW]VYX F Ygci fWg