

EDST5121

ϕhfcXi W]cb'hc'l b]j Yfg]mi@YUfb]b['UbX'HYUWx]b[

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



GWXcc``cZ9XI W]h]cb'##'l BGK ``5fmg'UbX'GcW]U`G]WYbW]g

7ci fgY`Cj Yfj JYk

`GHUZZ7cbhUW`i8YHUJ`g`

`7cbj Ybcfg`

B Ua Y	9a Uj`	5j Uj`UVj]m	@cWUjcb	D\cbY
GHd\Yb`A Ufg\U`	ghd\Yb`a Ufg\U`4 i bgk "YXi "Ui	6miUddc]bra YbH` D`YUgY`WcbUW`h - ' ,)!, (&&cfYa Uj` rc`hY`UVcj Y UXXfYgg"	Fcca`%%%ž @Yj Y`%ž>c\b ; ccXgY` 6i]X]b[\$&`- ' ,) , (&&

GWcc`7cbhUW`i`bZcfa Uhjcb

GWcc`cZ9Xi WUjcb

5fng`UbX`GcWjU`GWYbWYg

@Yj Y`%ž>c\b`; ccXgY`6i]X]b[`fi &\$Ł

H. ž *%f&Ł- ' ,)`% ++

9. YXi WUjcb4 i bgk "YXi "Ui

K . YXi WUjcb"Ufng"i bgk "YXi "Ui

5HbXUbW`F Yei]fYa Ybhg

5XX]h]cbU`GWcc`cZ9Xi WUjcb`UHbXUbW`fYei]fYa Ybhg

h]g`YI dYWYX`hUhUbmghi XYbhYbfc`YX`]b`Ub`98GH`Wci fgY`k]h`hY`GWcc`cZ9Xi WUjcb`k]`a U_Y`U
Wca a]ra Ybhic`hY]f`YUfb]b[`UbX`UHbX`U`WUggYg`]b`ž `k`YfY`WcbhYbh]g`XY`j] YfYX`]b`U`ZUW`!rc!ZUW`

7ci fgY'8YHJ`g

7fYX]hDc]bHg`*`

K cf_`cUX

% \$`ci fg]bWi X]b[`WUgg`Wc bHUW\ci fgžfYUX]b[gžWUgg`dfYdUfU]cbžUggYgga YbžZc`ck`i d`UW]j]hYgž YhW

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

H\]g`Wci fgY`]g`h`Y`Wc`fY`Wci fgY`]b`h`Y` ; fUXi UH`7`Yfh]Z`WU`h`]b`i` b]`Yfg]mi@YUfb]b[`UbX`HYUW]b[`Dfc[fUa` " H\Y`Wci fgY`k`j`]b]fcXi W`mci`hc`U`fUb[Y`cZ`hd]Wg`UbX`]ggi`Yg`]b`YUfb]b[`UbX`HYUW]b[`]b`\][`Yf` YXi WU]cb`" `h`]g`Wci fgY`žmci`k`j`Yb[U[Y`k`]h`W`ffYbh`h`]b_]b[`cb`YUfb]b[`UbX`HYUW]b[`]b`\][`Yf` YXi WU]cbž`Wc]bg]XYf]j`Uf]ci`g`UddfcUW]Yg`hc`dYXU[c[mž`UbX`]bj`Ygh[UH`U`YUfb]b[`UbX`HYUW]b[`WU`Yb[Y]b`mci`f`ck`b`X]g]d`]bYž]b`U`gW]c`Uf`mi`UbX`fYZYW]j`Y`k`Um]c`]a`dfcj`Y`mci`f`HYUW]b[`dfUW]W]g`

5h`h`Y`Wc`bWi`g]cb`cZ`h`]g`Wci fgY`h`Y`gh`XYbhk`j``VY`UV`Y`hc

% " 5dd`mgW]c`Uf`mfYUX]b[g`cb`W`ff]W`i`a`žUggYgga YbhUbX`dYXU[c[m]c`]bZcfa`h`YUW]b[`UbX` fY`UH`X`YXi WU]cbU`dfUW]W]g`
&" 5dd`mW]h]WU`fYZYW]j`Y`dfUW]W]hc`fYj`Yk`UbX`]a`dfcj`Y`ck`b`h`YUW]b[žgh`XYbh`YUfb]b[`UbX`fY`UH`X` UW]j`]hYg`""
' " =>Ybh]Zm]dfcZ]gg]cbU`UbX`Yh`]WU`]a`d`]WU]cbg`cZUXcd]b[`bYk`YXi WU]cbU`dfUW]W]g`Zc`f`h`YUW]Yfg` UbX`gh`XYbh`g`

HYUW]b[`GhfUH[]Yg`

HYUW]b[`ghfUH[m`H\Y`HYUW]b[`ghfUH[m]b`h`]g`Wci fgY`fYei`]fYg`mci`hc`Wc`UH`žfYZYW]ž`UbU`mgY`UbX` Yj`U`i`UH`mci`f`ck`b`h`YUW]b[`UbX`fY`UH`X`dfUW]W]ž`UbX`h`fci`[`gW]c`Uf`mfYUX]b[ž]XYbh]Zm]dU`h`k`Um]g` h`Uh`a`Um`YUX`hc`]a`dfcj`Ya`Ybh]b`gh`XYbh`YUfb]b[`UbX`mci`f`ck`b`h`YUW]b[`XYj`Y`cda`YbhUbX`dfUW]W]g`

F`U]cbU`Y.`HYUW]Yfg`UbX`YXi WU]cbU`XYj`Y`cdYfg`YUfb`VYghk`Yb`h`Y`miUFY`UW]j`Y`mYb[U[YX`]b`UbU`mg]b[h`Y]f`ck`b`h`YUW]b[`UbX`fY`UH`X`dfUW]W]gž`UbX`]a`d`Ya`Ybh]b[`bYk`gc`i`h]cbg`hc`]XYbh]ZYX`dfcV`Ya`g`cf` WU`Yb[Yg`]b`h`YUW]b["

5ggYgga Ybh

5ggYgga YbhHUg_g`

5ggYgga YbhHUg_	K Y][\h	Gh XYbh@YUfb]b[Ci hWca Yg 5ggYggYX	5 #HG@DfcZYgg]cbU"; fUXi UHY HYUW]b['GHUbXUfXg'5ggYggYX	8i Y 8UHY
F Yj]Yk 'cZU hYUW]b['UbX 'YUfb]b['WU''Yb[Y') \$i	%		&* #\$, #& \$% %%\$\$ DA
D`Ub`hc`UXXfYgg hYUW]b['UbX 'YUfb]b['WU''Yb[Y') \$i	'		&' #- #& \$% %%\$\$ DA

D`YUgY`fYZf`hc`3gefS`[S` BdaXWee[a` S^E fS` VSdVe XadFWSUZWde`cb`hY`dfYj`]ci`g`dU[Y

5ggYgga Ybh8YHU]`g

5ggYgga Ybh% F Yj]Yk 'cZU`hYUW]b['UbX''YUfb]b['WU''Yb[Y

GHUfhXUHY. `Bch5dd`]WUV`Y

8YHU]`g. `Yb]h]Z]W]h]cb`UbX`fYj]Yk 'cZU`hYUW]b['UbX''YUfb]b['WU''Yb[Y]b`mci`f`X]gW]d`]bY"&\$\$\$
k`cfXgK`f]hYb`ZYXVUW`k`]h]b`%\$`Vi`g]bYgg`XUmg`cZgi`Va`]gg]cb

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

GYY`A`ccX`Y

Gi`Va`]gg]cb`bchYg.GYY`A`ccX`Y

Hi`fb]h]b`gYh]b[. `H\]g`Ugg][`ba`Ybh]g`gi`Va`]hYX`h`fci`[`\`Hi`fb]h]b`UbX`ghi`XYbhg`WU`b`gY`Hi`fb]h]b`g]a`]Uf]hm`fYdcfng"

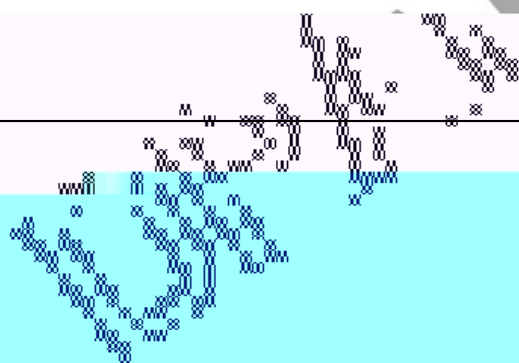
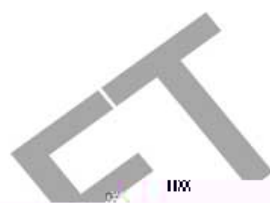
5ggYgga Ybh&. D`Ub`hc`UXXfYgg`hYUW]b['UbX''YUfb]b['WU''Yb[Y

GHUfhXUHY. `Bch5dd`]WUV`Y

8YHU]`g. `D`Ub`hc`UXXfYgg`U''YUfb]b['UbX`hYUW]b['WU''Yb[Y]b`mci`f`X]gW]d`]bY&\$\$\$`k`cfXg`Gh`XYbhg`k`]`fYW]j`Y`k`f]hYb`ZYXVUW`k`]h]b`%\$`Vi`g]bYgg`XUmg`cZgi`Va`]gg]cb"

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

Hi fb]hb'gYhb[. H\]g'Ugg][ba Ybh]g'gi Va]hX'h\fc i [\ 'Hi fb]hb'UbX'ghi XYbhg'WUb'gYY'Hi fb]hb'g)a]'Uf]hm
fYdcftg"



GdYWZjW7 f]hYf]U

flē—————2fžē

@YWi fYf

F YWē a a YbXYX. ' #&\$'fi @DG'7F'8B'<8ē

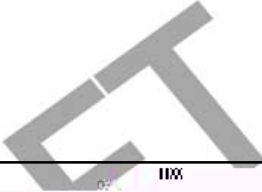
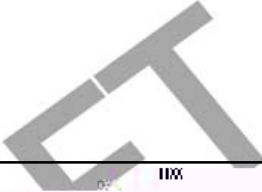
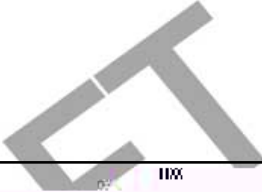
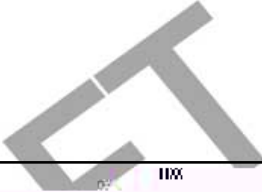
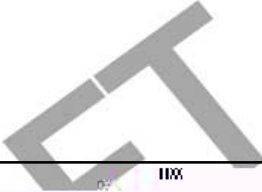
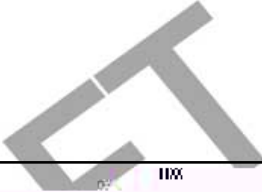
k Y][\h]b[. :&\$i

'B6. 'h]g'h]W_g]b'hY'j Uf]ci g'Vcl Yg'UbX'XYg][bYX'hc'dfcj]XY'ZYXVUW'hc'ghi XYb]g/hYmUfY' bch[]j Yb
Yei U'k Y][\h]b'XYh'fa]b]b['hY'fYWē a a YbXYX' [fUXY"8YdYbX]b['cb'hY'bUhi fY'cZ'hY'UggYgga YbhUg_ž
'YWi fYfg'a UmU'gc'Wēbh'I h U']nY'UbX#ēf'Ua YbX'hYgY'gdYWZjW7f]hYf]U" 'H\Y'fYWē a a YbXYX' [fUXY'ig
hYbhU]j Y'cb`mžgi Va 'YWi'hc'ghUbXUfX]gUh]cb'dfcW]ggYg'UbX'Uddfcj U'Vmi'hY'GW\cc`cZ9Xi WU]cb
@YUfb]b['UbX'HYUW\]b['7ca a]hY"Y"

I BGK 'G7 < CC @ 'C: '98I 75H€B 'FI 6F ⇒ # 998657? 'G < 99H'

98GH) %&%

5ggYgga YbhHUg_ 'D'Ub 'hc 'UXXfYgg'hYUW]b['UbX''YUfb]b['WXU''Yb[Y

GdYWZ]W7 f]hYf]U	''fłŁ ————— 2fłŁ				
<p>I bXYfghUbX'cZhY'ei Ygh]cb'cf']ggi Y'UbX'hY' _YmWcbW'dhg]bj c'j YX</p> <ul style="list-style-type: none">• Mci f'fYgdcbgY.<ul style="list-style-type: none">◦ d'fcj]XYg'U'WYUfz']b!XYd'h'YI d'UbU'h]cb'k]h'YI d']W]h					
 					
 					
 					

Gi Va]gg]cb`cZ5ggYgga YbhHUg_g

Gh XYbng`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<c bYghmiUbX`D`U[]Uf]ga

D`U[]Uf]ga `]g`i g]b[`h`Y`k cfXg`cf]XYUg`cZc`h`Yfg`UbX`dfYgYbh]b[`h`Ya `Ug`mci f`ck b" `h`WUb`hU`Y`a Ubm
Zcfa gž`Zca `XY`]VYfU`h`W`Y`U`h]b[`h`U`W`Y`X`Y`b`U`m`W`c`d`m]b[`Zca `U`gci f`W`k]h`ci h`U`W`_`b`c`k `Y`X[`Y`a `Y`b`f`

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

7 cdm]b[.`i`g]b[`h`Y`g`U`a `Y`cf`j`Y`f`m`g]a]U`f`k`cf`X`g`h`c`h`Y`cf][]b`U`h`I`h`c`f`]X`Y`U`k]h`ci h`U`W`_`b`c`k `Y`X[]b[`h`Y`

- i bXYfghUbx'mci f'f][\hg'UbX'fYgdcbg]V]]hYg'Ug'U'gh XYbhUhl BGK
- VY'Uk UfY'cZd'U[]Uf]ga ž'Wcdmf][\hžI BGK 'Gh XYbh7cXY'cZ7cbXi WñUbX'5WwdfUV'Y'I gY'cZ I BGK '⇒H'F Ygci fWg'Dc`]Wñ
- VY'Uk UfY'cZñY'ghUbXUfXg'cZVY\Uj]ci f'YI dYWñX'cZYj Yfmcby`]b'hY'I BGK 'Wca a i b]m
- `cWñh'gYfj]Wg'UbX']bZcfa Uhcb'UVci hl BGK 'UbX'I BGK '@]VfUfm

Gca Y'cZñYgY'UfYUg'k]`VY'ZJa]]Uf'hc'mci žcñYfg'k]`VY'byk "; U]b]b['U'gc`X'i bXYfghUbx]b['cZU`ñY fY'UH'X'UgdYWñ'cZ9@G9'k]`Y'd'mci 'a U_Y'hY'a cghcZmci f'gh X]Yg'Uhl BGK "

[f\hñ.#gi.VYWñ\[i\]XYg"\]VfUfm'i bgn"YXi "Ui #`\]gY#UVci h`\]gYŁ](#)

&%C VcVYf

F Ygci fWg

DfYgWf]VYX`F Ygci fWg`

6fcUXVUbX`bHfbYhUWwgg`hc`YbUV`Y`mci`hc`dUfh]WdUH`i]b`hY`cb`]bY`gYa`]bUfg`bX`UW]j`]hYg`UggcW]UH`X`k`]h`h`]g`Wci`fgY`"

GYY`A`ccXY`Zcf`Z`fhYf`XYHJ]`g`"

F YWca a YbXYX`F Ygci fWg

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

H\Y`a`U]b`k`Um]g`]b`k`\]W`hY`Wci`fgY`\Ug`W]Ub[`YX`Ug`U`fYgi`hcZghi`XYbhZYXVUW`_g]bW`hY`Ugh]a`Y`]h`k`Ug`cZYfYX`UfY`.

%`Mci`k`]`VY`dfcj`]YX`k`]h`a`cfY`cddcfh`b]hYg`ZcfYb[`U[`Ya`Ybhk`]h`hY`hYUW]b[`ghUZZUbX`mci`f`ZY`ck`ghi`XYbh]j`]U`k`YY`_micb!`]bY`YUfb]b[`UW]j`]hYg`UbX`gYa`]bUfg`&`Mci`k`]`VY`[`]`Yb`hY`cddcfh`b]m]h`c`[`]`j`Y`UbX`fYW]j`Y`ZYXVUW`_cb`XfUZhUgg][`ba`Ybh]g`h`fci`[`\`hY`]bW]g]cb`cZU`dYYf`fYj`]Yk`YI`YfW]gY`df]cf`hc`hY`gi`Va`]gg]cb`XUH`Zcf`YUW`Ugg][`ba`Ybh`"

⇒ U[Y`7`fYX]h

GmbYf[]Yg`]b`Gci`bX`&\$%*`

7F ⇒ CG

7F ⇒ CG`Dfcj`]XYf`7`cXY`.\$\$\$`-` ;`