# 5b'CiYfilYk

### C i f = XYbhlhm

I b]cb I b]j Yfglm]g Ub UWXYa |WWa a i b]lm UZÛ JUNX k |l\\ l\\ Y HYbbYggYY 6Udl\gh 7cbj Ybłicb, Yei |dd|b| dYfgcbg hc h\|b\_ 7\f|gt|Ub`mUbXgYfj YZJ|h\Z``m|b k Ung WbglgMbhk]h, ]lgWfYjUiYgcZVY]b[7\f]glyWblMfYX,dYcdY-ZcWgYX,YlWYbW-XfliYb. UbXZI hi fY-X|fYMMX. H\YgYj Ui Ygg\UdY |hg|XYbh|hmUgUb |bg|t|hi h|cb k \ |W df|cf|h|nYg `|VYfU Uflg VUzYX i bXYf| fUXi UYY YXi WHcb Yb\UbWX VmdfcZYzz]cbU UbX | fUXi UY dfc| fUa g H\YUWXYa |WWa a i b|lm|gWa dcgYXcZei U|lmZW\`lmgHZ,UbXgti XYblg k cf\_|b| hc| Yh\Yf |b UWf|b|, | fUW-Ú~YX Ybj |fcba YbhWbXi V| Yhc h\YXYj Y`cda Ybh cZWUfUMMf, gYfj Ubh`YUXYfg\]d, UbXW/h fU Yb[U Ya Ybh

- cZWUFUMMF, gYfj Ubh`YUXYfg\]d, UbXW`hi fU Yb[ U Ya Ybh

  Cif`7cfY`JU`iYg

  EWY`YbWPDflj Yb: KYVY]Yj Yh\UhYI W`YbW, bcha YfYWa d`]UbW, ]ghY[cU cZ Z ci f htw/b[, ci f fygytfw, tbXci f gyfj ]W. K Ytfybcha chj thx hc Yl W`YbWci h cZdf]XYVi hci hcZUXYgfYhc Xc U`h]b[gZcf; cXNy[cfmVYWi gY<YWfYgUci h ci f k cf\_ UbX k Ublg hc VY |bj c`j YX |b Yj Yfmh\]b[ k Y Xc. K Y k ]`` bchVY gUtlgÚYX k |h\ a YX|cVf|hmVi hk |``di fgi YYl W`YbW|b U`h\|b[ g H\ |ga YUbgci f hfi h\ WU|a g Woffmk ]h\ h\Ya |h\YWU`Yb[YcZ`]j ]b[ ci hh\Uhlfi h\ ]b h\Ya ]bi hYgUbX\ci fgcZci f XU[m]ZY. H\i gk Yk] di fg! YY! W YbW, k |h\ci hUffc UbW.
- ; C\f]ghCYbhYYX: 5 Wo\Yf]b[ WofYj Ui YcZci f [i]X]b[ j]glcb ]gUWi`hc ZU]h\, UWi` hc VY7\f|ghWbhffYX|b U`h\uhk YUYUbX|b U`h\uhk YXc. K Yk |``gYY\_hc Vi |`XU 7\f]ghlub`]VYfU UfhgVLgYXWa a i b]lmk\YfYa Yb UbXk ca Yb Wb VY]blfcXi WxXhc UbibXYfgHbX|b|UbXUddfYWUlcbcZ;cX<|gWMUlcbUbX|fUW,UbXhc\iaUb|lmix d`UWcZdf|j |`Y| YUbXfYgdcbg|V|`|hm|b h\]gk cf`X K Yk |``gYY\_ hc YgHV\]g\ U` UgdYMg cZ]ZYUbX YUfb]b[ cb h\YK cfXcZ; cX, YUX]b[ hc UÚfa Wa a |ha Ybhhc 7\f]ghUbX < |g?||b|| Xca . H: VYU7\f|gh\WbhYYX||bgh|hi h|cb\W`gZcf i ghc YgH.W`|g\ h\Ydf|cf|hm cZk cfg\|d UbX gYfj |W |b h\Y 7\f]gh|Ub `|ZY k \|`Y gYY\_|b| hc XYj Ycd U| YbYfUhcb cZgli XYblgk \c Wb VYU YblgcZfYWbW|Ut|cb lc UZUM[ci gWi fW |b U\i ft|b[ UbX Vfc\_Ybkcf'X H\|gWaa | ha YbhW\'gZcfU`ZM\'hmUbXgLZhc |bhM|fUhY7\f|ghUb ZUJh |b U`YUfb|b| UbXXc|b|, VUgYXcb h Ygi ddcgllicb h UhU`lfi h |g; cXfyffi h UbX h\Uhl\YfY |gbc WobfUX|Wijcb VYlk YYb; cXivy lfi h\ a UXY\_bck b hc i g |b < c`m GWIJdhi fYUbXh\Uhk\]W |gfYi YUYXhc i gh\fei [\WYUI]cb UbXbUi fU fYi YUI]cb.
- ; Fi hi fY-D]fYXXXX K Yk ]``gYY\_ hc a U ]a ]nYh\Yk ]bXck gcZcddcfhi b]hmh\Y@cfX\Ug dfYgYbhYX hc i g hc h\Y [fYuhYghXY] fYY h\UhfYgci fWgU`ck. 5 `` cZci f fYgci fWgUbX YZZcfhgaigh, Vm; cXÑg [fUW, VYaU]a|nYX hcZiÚ`cifWvaacba]gglcb. 5 Wvaa ||ha Ybhlhc VY||b| Zi hi fYX||fYWMX a YUbgk Yk Ubhlhc \Uj YUg\cfhlHfa ZcWgUbXU `cb[ hhfa j ]Yk. K Yk Ubhhc |bj c`j Yci fgY`j Yg |b YZZcfhg h\UhdfYdUY\i g YZZYMjj Ym hc Ja dUMilh Yk cf`XcZh Y21gh7Ybhi fm

# Cif'A]gg]cb

I b]cb I b]j Yfg|mdfcj |XYg7\f]ghWbhYfYXYXi Wh]cb h\Uhdfca chYgYl W`YbWUbX WUFUMMFXYi Ycda Ybh|b gYfj |Whc 7\i fW UbX gcVMm

(

Cif'<]ghcfm

I b]cb I b]j Yfglm]gUb\YffcZh\fYYUbhYY`i a HbbYggYYgWcc`gf K YghHbbYggYY 7c``Y[YUbX]lg dfYXYWggcf, >UWgcb A UY 5 WXYa m Vch\`cWhX Uh>UWgcb, UbX cZ I b]cb I b]j Yfglm`cWhXUhA i fZYYgVcfcf UbX]h]gh\Y]b\Yf]lcfcZUbch\Yf W^`Y[Y]b 1-2+, < U`-A ccXm>i b]cf 7c``Y[YcZA Ufh]b, HbbYggYY.

>UWgcb A UY5 WXYa m Zci bXYX ]b 1, 23 g\cfhmUZhYf h\YcdYb]b[ cZK YghHhbbYg-gYYZcf gYthiYa Ybh, k UgWUfhYfYX Vmh\Y`Y[ ]g`Ui fY]b 1, 2), a U\_]b[ ]hh\Yc`XYghgWcc`WffYbhmUZÛ]UhYX k ]h\ Cci h\Yfb 6Udljgh`]ZV.

A YUbk \]'Y, UMM mYUfgcZXlgWgglcb UbXh\YfUlglb[ cZUb YbXck a Ybh, h\Y6Udllglg cZA ]XXYHMbbYggYY (h\YfYk YfYh, fYYgYdUfUhY Wbj Ybhlcbg]b HMbbYggYYUh\Uhla Y) ]b 1, (, YgHV)g\YXI b]cb I b]j YfglmUhA i fZfYygVcfc, bYUf h\Y[Yc[fUd\]W WbhYf cZ h\YgH\Y. I b]cb I b]j YfglmWa Yi dcb \UfX ha Yg k \Yb ]b 1, )- ]lg\][\`mfYgdYMX dfYg|XYbh, 8f. 9Urcb, X]YXUbX k \Yb Xi f]b[ h\Y7]j ]`K Uf ]lgWa di gk UgVUX`mXUa - U YX =hfYcdYbYX]b 1, \*, cb`mlc WcgY U Ub ]b 1, +3, `Uf[YmVYWI gY cZ]lg UbUbYU WbX|h|cb UbXUb Yd]XYa ]WcZWc`YfU

Gci h\k YghYfb 6UdhghI blj Yfglmh\Y]a a YXJUY dfYXWggcf cZh\YdfYghbhI blcb I blj Yfglmcf][]bUhXVYW gYcZUXYgfYVmHbbYggYY6Udhgg k\cgh]``\UXUgYdUUY Wbj YbhcbZcf YUWcZh\YgUhYgh\fYY; fUbX8]j ]gcbg Zcf [fYUhfi b]UWhcb.9Xi Whcb VWWa Yh\YWfY]ggi YUfci bXk\]W gi Wi b]UWhcb k Ugdfca chXX 7ca a ]hhYgcZh\Y h\fYYWbj Ybhcbga Yh'c]bhm]b < i a Vc`Xh]b 1, +3UbX]ggi YXUfYgc`i hlcb gi ddcfhlb[h\YYgUV]g\a YbhcZUUfghWuggfY ]cbU i blj Yfglm5b9Xi WhcbU 7cbj Ybhlcba Yh]b A i fZfYgVcfc ]b 1, +(, UbXZc`ck ]b[h\UWa a ]hhYk UgUddc]bhYxhc gYYMWcWhlcb Zcf h\YdfcdcgYXi blj YfglmH\YWa a ]hhYfYWa a YbXYXh\YUWdhUbWcZh\YcZYf a UXYVmh\YYJflnYbgcZzUWgcb hc Ugq a Yck bYfg\]d cZK YghHbbYggY7c``Y[Y.

=b GYdlYa VYf 1, +(, h\YbYk |bg||hi h|cb cdYbYX Ub\Wgcb UgUb UWXYa mUbX|b 1, +) |hk UgWUflYf\UgCci h\k YgMfb 6Udl|ghI b|j Yfglm=b 1-0+, 8f. H H 9Ucb, Ulfi gMY UhGci h\k YgMfb Zfca |lg VY| |bb|b|, VYei YUh\YX \|g\*,000 j c`i a Y`]VfUmlc h\Y W`-Y|Y < Yk UgUZcfa Yf dfcZ/ggcf UhI b|cb I b|j YfglmhA i fZYYgVcfc, k \YfY\|gZlh\Y, 8f. xgYd\ < . 9Ucb, \UX VYYb dfYgXYbh G\cfhml\YYUZMf h\YbUa YcZGci h\k YgMfb 6Udl|ghI b|j Yfglmk Ug WUb| YX lc I b|cb I b|j Yfglmlc \cbcf h\Y 9Ucbg UbX ch\YgXfb 6Udl|ghI b|j Yfglmk Ug WUb| YX lc I b|cb I b|j Yfglmlc \cbcf h\Y 9Ucbg UbX ch\YgXfca I b|cb UhA i fZYYgVcfc k \c\UXa UXYUa Ucf |a dUMcb Gci h\k YgMfb UgZM\'m UXa |b|gfUcfg Hi gMYg UbX WbHf|Vi lcfg =b UZ fh\Yf a cj Y lc i b|Zm|lg YXi Wh|cbU YZcflg h\YHbbYggYY 6Udl|gh7cbj Ybh|cb |b 1-2) gYWYYXUbYk WUfMf k\|W j YgMX U``f|[\lg U h\cf]\m\UX dfcdYfmcZI b|cb I b|j Yfglm]b h\Y7cbj Ybh|cb, |bW X|b| h\YYYM|cb cZh\YI b|j Yfglm\g\ff gMYg H\c n nYufg`UMf, h\Y7cbj Ybh|cb k UgWY lc Wbgc`|XUMY < U`-A ccXmsi b|cf 7c``Y|YUhA Uff|b (1-00-1-2+) k |h\ I b|cb I b|j Yfglm 8i f|b| h\Y1-20g I b|cb X|gWb|bhi YX|lg fUXi UhYdfc fUa , |lg@Uk 8\YdUfha Ybh UbX |lg\|][\ gWcc`UbXUXXXXUVWYcf cZa i g|WXY|fYYdfc fUa .

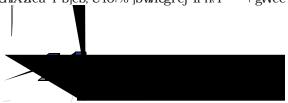
5 Zhr Ua Ucf ÚfY]b 1-12, gh YfU bhk Vi ]`X]b[gk YfY Wrbgfi WhX, ]bWi X]b[h Y Wrbhfd]YWrcZh YWa di g Zcf h Ybh h\*0 mYUfg 6 Ufhcb < U`. =b 1-(, h YGci h Yfb 5 g gc VJUfcb cZ7c``Y[Yg UbX GWcc`g[fUbhXI b]cb I b]j Yfghm]hgcf][]bU UWNYX]hUfcb. =b 1-\*2, Uhh YfYei YghcZ`cWi d\nglyUbg I b]cb Xhj YcdYX Ubi fglb[dfc[fUa k]h YUgg]ghUbWcZzUWgcb-A UX]gcb 7ci bhm, YbYfU < cgd]hU.

)

 $6YWI gYcZLb\ U\ |b|\ UbX`UbXcWYXWa\ dig\ I\ b|cb,\ |b\ 1-+),\ a\ cj\ YXZca\ bYuf\ Xck\ b-hck\ b\ hc\ UbYk\ Wa\ dig\ cWhXUcb[\ <\ ][\ \k\ Um()\ -6ndUgg]b\ bcfh\ \ $\foldsymbol{2}Ugcb.\ 8i\ f|b[\ hY\ UXa\ ]b]gfUhcbgcZDfYgXYbhFcVYfh7fU[\ (1-*+,))\ UbXDfYgXYbh< mfUb\ 6UfYzch(1-,+1--*),\ Ybfc``a\ Ybh]bWMgYXZca\ `Yggh\Ub\ 1,000gh XYblghc\ cj\ Yf\ 2,000/h\Ya\ i\ 'l]-di\ fdcgY\ DYb]W\ 5\ WXYa\ ]WVca\ d`Yl\ k\ Ug\ Yb\ Uf[\ YXgY]\ YfU\ ha\ Yg/a\ UbmLXX]hbcbU\ \ci\ g|b[\ i\ b]lg\ k\ YfYfYWMX/UbXh\Y6`Ugb[\ Ua\ Y5\ WXYa\ ]WVca\ d`Yl\ (1-,*)\ UbXh\Y< mfUb\ 9.\ 6UfYzch\ Ch\ XYbhI\ b]cb\ 6i\ |X]b[\ (1--()k\ YfYWbgffi\ WMX: fca\ h\YYUfml-)0\vec{y}hc h\YYUfml-+0\vec{y}I\ b]cb\ cdYfUhXUb\ 9l\ hbglcb\ 7\ YbhYf\ ]b\ h\YA\ Ya\ d\ ]gUfYU: fca\ 1-,+-),I\ b]cb\ cZZfYX\ h\YXY[\ fYYWa\ d`Y]cb\ dfc[\ fUa\ `YUX]b[\ hc\ h\Y6UWYcf\ cZCMYbW]b\ B\ i\ fg]b[\ (FB\ hc\ 6CB\ lfUW)\ ]b\ A\ Ya\ d\ ]g\ H\ YfYk\ YfYcj\ Yf\ 300[\ fUXi\ UhgcZh\ ]gdfc[\ fUa\ .$ 

K \Yb8Uj ]XG8cWYfmkUgYYMMXUgh\YUZhYYbh\dfYgXYbhcZi b]cb1 b]j Yfglm]b8YWaVYf1--), \YVfci [\hk]h\]aU]cb |bARRAA

 $5 \, bch \, Yf \, ]bX]Whref \, cZh \, YI \, b]j \, Yfg]mhy \, YUh \, UbXj \, ]hU]hm]gh \, Y[ \, fck \, h \, ]b \, h \, Ybi \, a \, VYf \, cZghi \, XYblg \, Wa \, d \, Yh]b[ \, dfc[ \, fUa \, gUhI \, b]cb. \, 5 \, g]bX]WhX \, VYck \, , \, h \, ]gdUghnYUf \, cj \, Yf \, , \, OO \, ghi \, XYblg[ \, fUXi \, UhX \, Zfca \, I \, b]\underline{cb}, \, U10+\% \, ]bWMUgYcj \, Yf \, h \, Y-*--+ gWcc \, mYuf \, .$ 



A Um>Ygi gdYfZVNimfYj YUYXUbXXJXh\Yk]``cZ; cX, HU\_lb[i dcb< |a gYZ\i-a Ub bUi fY, mYhk]h\ci hglb. < Y\cbcfYXh\YXJj ]bY`Uk Vm< ]gdYfgcbU cVYXJ-YbW, UbXVm< ]ggi Vgf]li h]cbUfmXYUh cb h\YWicge< Ya UXYdfcj ]glcb Zcf ci f fYXYa dl]cb Zfca glb. < Yk Ug\i f]YXUbXfcgYU Ub h\Yh]fXXUmUbXUg\NbXYXhc < ]g: Uh\Yf, Uhk\cgYf][\h\UbX< Y`]j Yghc a U\_Y]bhYWgglcb Zcf < ]gdYcd`Y. < Y ]gh\Ycb`mA YX]Urcf, h\YDfcd\Yh Df]YghUbX? ]b[ cZh\Y7\i fW, UbXCcj YfY][ b cZ h\Yi b]j YfgY.

- ). Hc`msd|f|hH\Y< c`mGd|f|h|gh\YGd|f|hcZ; cX, Z\`mX|j |bY, k\c Yl Uhg>Ygl g 7\f]gh H\YGd|f|hWbj |Wga Yb UbXk ca Yb cZg|b, cZf|| \hYci gbYgg UbX 1 X[ a Ybh, YbUV]b[ h\Ya hc i bXYfgHbXh\Yhfi h\. < YWV`ga Yb UbXk ca Yb hc h\YGU |cf, UbXVf|b[ gUVci hfY] YbYfUhcb, k\W |gUfYbYk U`cZ\YUfhUbXbUi fY.</p>
- \*. SUJ UJcb. GUJ UJcb ]bj c j Ygh YfYXYa dhlcb cZh Yk \c YdYfgcb, UbX ]gcZZfYX ZYYmhc U`k \c VY]Y Y]b >Yg g7\f]ghUg@cfXUbX GUJ ]cf/UWdh]b[ UbX Hi gh]b[ ]b < ]a UcbYZcf 1 ghJWh]cb UbX YhYbU`]ZX >i ghJWh]cb ]g; cXNg[ fUWci gXYWU fUJcb cZf][ \hici gbYggcZglbbYfg k \c VY]Y Y]b 7\f]gh Zfca U`glb, h\fci [\hY gUHgZUM]cb h\h7\f]gh\Uga UXY. 6Y]Y YfgUYUgc gLbWJUYX Vm; cXNgK cfXUbX Gd]f]hXk Y`]b[ ]b h\Ya . GLbWJUWh]cb ]gh\YdfcWggcZdfc[ fYgg]b[ hck UXX a cfU UbX gd]f]hi U a Ui f]lm\YbUYX\Vmh\YdfYgYbWUbX dck Yf cZh\Y < c`mGd]f]h H\cgYk\c UYUWdhX]b 7\f]ghUbX gbWJUYX\Vmh\Y < c`mGd]f]hk ]``bYj Yf hchU`mZU`Uk UmZca h\YgUHYcZ[ fUW, Vi hg\U`dYgYj YfYhc h\YYbX, UbXVY\_YdhVmh\Ydck Yf cZ; cXh\fci [\Z]h\ i bhc gUj UJcb.
- +. T\YC\i fW. H\Y@cfX>Ygi g7\f]gh]gh\Y< YLXcZh\Y7\i fW, k\]W ]gWa dcgYX cZU`hfi YZc``ck YfgcZ7\f]gh UbX]b</p>
  |a |g|bj YghXgi dfYa YmU`dck Yf Zcf ]lg [cj Yfba Ybh 7\f]gh]UbgUfYhc UggcVJUhYh\Ya gYj Ygk ]h\`cWo Wi fWYg'UbXhc YUW Wi fW ]g[ ]j Yb h\YU h\cf]lmhc UXa ]b]ghhf cfXYf, hc Woffmci ha ]b]gfmhc k cfg\]d, UbXhc dfUMJWX]gMd`]bY.
- ,. LUghT\]b[g H\YVcX]YgcZ\i a UbgUzhf XYUh fYh fb hc Xi gh Vi hlh Y]f gd]f]lg fYh fb ]a a YX]UhYmhc; cXi h\Yf][\hici ghc fYghk ]h\ < ]a /h\Yk |WYXhc VYfY-gff YXi bXYf XUf\_bYgghc h\Y1 X[ a Ybh; cX]b < ]gck b Ha YUbX]b < ]gck b k Um k ]``Vf]b[ h\Yk cf`Xhc ]hgUddfcdf]UhYYbX 5 WwfX]b[ hc < ]gdfca ]gX, \*Ygi g7\f]gh k ]``fYh fb dYfgcbU`mUbXj ]gVm]b[`cfmhc h\YYUfh\. 5 hlh\Y`UghXUmh\YVcX]Yg cZU`h\YXYUK, Vch\ 1 ghUbXi b1 gh k ]``VYfUgYX; cX\UgUddc]bhYXUXUmk \Yb < Yk ]``1 X[Yh\Yk cf`X Vm>Yg g7\f]gh k \Yb U`dYcd`Yg\U`fYw]j YUWwfX]b[ hc h\Yf XYYXg/h\Yk ]WYXg\U`[c]bhc Yj Yf`Ughb[ di b]g\a YbhYh\Yf][\hici g]bhc Yj Yf`Ughb[`]ZX.

#### 9LH9FB5@'5GGC7=5H=CBG

#### 5WWfYX]hYX'6m

I b]cb I b]j Yfg|lm]g UWYX]hXX Vmh\Y

(1, \*\* Gci h\ Yfb @UbY, 8 YWNi f, ; 5 30033-(0+ (H\YYd\cbY (0(.\*+.() 01) hc Uk UfXVUWVU fYUN, a Ug\nfg YXi WN]cb gdYYNU]gh UbXYXi WN]cb XcW hcfU\YXY[fYg H\YI b]j YfglmUgc \Ugh\YZc``ck ]b[ X]gyNd`]bY-gdYYNUWNYX]hU]cb.

# 5dd`]WUbh'Zcf'5WWfYX]hUh]cb'6m

7cibW/cb5WayX∥kLh|cbcbBifg|b[5bYgh\Yg]U

#### AY a VYf CZ

5a Yf]Wb 5ggcVJUljcb cZ7c``Y[YgcZBi fg]b[

5 a Yf Wb 5 ggc WUlcb Zcf 7c "Y YgcZHYWYf 9Xi Whcb

5a Yf]Wb 5ggcVJUIJcb cZ7c ``Y[]UYFY[]gfUgUbX5Xa ]gglcbgCZÚWfg

5 ggcWLHcb hc 5 Xi UbW 7 c ``Y| |UhY GWcc `gcZ6i glbYgg

5ggcWUlcbcZ7c``Y| |UhY6iglbYggGWcc`gUbXDfc[fUag

5 ggcVlUlcbg Zcf 7\f]gliUbg]b Gli XYbh8 Yj Ycda Ybh

5 ggcWLHcb cZ=bXYdYbXYbh@VYfU 5 flg7c``YJ YgZcf HMWYf 9Xi WHcb

5 ggcVILHcb cZCci h\Yfb 6UdHgh7c\YY YgUbXCWcc\g

6Ulljgh5ggcVJUljcb Zcf Gi XYbh5ZZJfg
7cbWffYbh5Xa ]gglcbgDfc[fUa
7ci bW cZ=bXYdYbXYbh7c``Yl Yg

7ci bW cZ=bXYdYbXYbh7c``Y[ Yg

7ci bW Zcf 7\flghUb 7c``Yl YgUbXI blj YfglhYg

7ci bWy cZ6UWWrU fYUHY UbX < ][ \Yf 8 Y] fYY Dfc[ fUa g cZh\ Y B UHcbU @YU i Y Zcf Bi følb[

7ci bW/cZ7c``Y[YgcZ5flgUbXGWWbWg

7ci bW cb I bXYf fUXi UYFYgYUW

7ci bW Zcf h Y5Xj UbWa YbhUbX Gi ddcfhcZ9Xi Whcb

BUHCBU 5 fh9Xi WHCb 5 ggcVIUHcb

BUljcbU 5 ggcVJUljcb cZ7c `Y[Y5Xa]gglcbg7ci bgYcfg

CYfj | WA Ya VYfgCddcfhi b| hm7c``Y| Yg

Gci h\Yfb 7ci bW cZ7c``Y | UY9Xi Whcb Zcf Bi fgb[

X

HybbYggYY5ggcVlUhcbZcf7cibgY]b[UbX8YjYcdaYbh

HbbYggYY5ggcVJUI;cbcZ7c``Y[]UIYFY[]gfUfgUbX5Xa]gg]cbCZÚWfg

Hybygyy7c``Y| Y5ggcWUlcb

HMbbYggYY=bXYdYbXYbh7c``Y|YUbXIb|jYfghYg5ggcWUhcb

#### H < 9.75 ADIG

H\Yiblei YbYggcZh\YI blcbI blj YfglmWa di g`cWhXcbI .G < | \k Un() 6mDUgg UbXI b|cbI b|j Yfglm8f|j Y|bBcfl\k YghzUWgcb, |gfYUhXhc l\xYUWXYa |WLW|l|YgUbX głi XYbh\ci glb[. I b]cbÑgWa di g]gXYg[bYXk]h\h\Yghi XYbhUg]lgU]g5``ZW]h}Yg dfc[fUagUbXdYfgcbbYUfY]bhYff] XXXXXX

-bXEagUbXp UM HYa

Μĺ

A YXJU 7 YbhYf \ci gYg U [fck ]b[ WY``YMjcb cZa YXJU \UFXk UFY UbX gcZkk UFY UJ`UV`Y Zcf ghi XYbhUbXZUW`hmi gY.

## 6`Ug]b[UaY'5WUXYa]W'7cad`YI

H\YAW3ZYYGWcc`cZ6iglbYgg5Xa]b]ghfUljcbUbXh\Y7c``Y[YcZ9XiWh]cbUbX i aUbGiX]YgUY`cWhX]bh\Y6`Uglb[UaY5WXYa]W7cad`Y].

## <Ua a cbg'<U"

< Ua a cbg< U`WbhUbgh\Y@]ZK Um6cc\_ghcfYUgk Y`Ugh\YcZ\WgZcf I b]j Yfglm</li>
 FYUlcbg 7\i fW GYfj ]Wg Hyghb[, UbX7cbh]bi ]b[ Qi X]Yg; YbYfU WUggfcca g Wb-ZYfYbWfcca g UbXUWa a i b]hmfcca UfYUgc \ci gYX]b < Ua a cbg< U`.</li>

### >Ybb]b[g'<U``

#### FYq]XYbWY'@JZY'7cad'YI

I b]cb I b]j YfglmfYw[ b]nYgUbX]gZi ``mWa a ]lthX hc h\Yj Ui YcZh\YYXi WhjcbU Yl dYf]YbWgf gd]f]hi U`m]bhY`YWi U`mUbXYa chjcbU`mi k \]W cWWf k ]h\]b h\Ycb-Wa - di gfYgJXYbhJU Ybj ]fcba Ybh H\YfY&fY, U`gi XYblgi bXYf 21 mYUfgcZU[ YVmCYdIh'a VYf 1 UY fYei ]fYX hc `]j Y]b h\YfYgJXYbW Wa d`Yl Yg i b`Ygg Yl Wdlhcb ]g [ fUbhX Vmh\Y 8 ]fYWtcf cZFYgJXYbW@]ZY. 9l Wdlhcbg]bWi XYgli XYblg`]j ]b[ k ]h\ dUfYblg/ [ i UfX]Ubg h\cgYk \c UfYa Uff]YXUbXghi XYblgk \c \U Ya YX]WV dfcVYa gfYei ]f]b[ cZZWa di g fYgJXYbWn5 ``fYgJXYbhgi XYblg UfY fYei ]fYX hc g[ b UfYgJXYbW`]ZY WrbhfUMiZcf h\Y UWXYa ]WmYU. : cf ]bZcfa Uhcb cb FYgJXYbW@]ZYWa a i b]hmj Ui Yg d\]`cgcd\mZYg Zu ]`m\ci g|b[ , fYgYf] Uhcb UbX dfcWXi fYg d`YugY fYZYf hc h\Y `cWhXcb I b]cb I b]j Yfglmixk YyglhYUhwww.uu.edu

G|b| `Yghi XYbh\ci g|b|, UfUb| YX|b 3Wa d`Yl Yg(< i fh,K UhMfgUbXA W5ZY), ZYUi fYg \_df|j UhYVYXfcca g|b UdUfha Ybh`]\_Yi b|lig 9UW UdUfha Ybh]gcb cbY`Yj Y ]b U2-glcfm Wbgffi Wh]cb. 5```YUX hc h\Y37ca a cbg6i ]`X]b[gk\]W\ci gYh\YfYg|XYbhX]fYWhcfg dfcj ]XYZW]h]YgZcf `ci b[YUYUg`U bXfmUbXfYWMU]cb.

: Ua ]`m\ci glb[ ]g`cWhYX]b h\YK Ufa U\\ 5 dUfha Yblg bcfh\\ cZglb[ `Y-ghi XYbh\ci g- ]b[. H\YWa d`Yl WbglggcZ32kk c-VYXfcca UdUfha Yblg

### <mfUb'9"'6UfYZcch'GhiXYbh'Ib]cb'6i]`X]b[

H\Y6UfYzchCli XYbhI b]cb6i] X]b[\cigygh\YI b]j YfglmigwZYhf]U(; ]`VYfhDck-YfgCli XYbh7ca a cbg), 7cVi fb8]b]b[Fcca, DfYgXYbhig8]b]b[Fcca, @Y]b[lcb=bb, 9`Xcb6mfX: UW`hm@ci b[Y, Chi XYbh@ci b[Y, < Ufj Ym5i X]hcf]i a, 7Ua di gDf]bl}b[UbXAU]`CYf] JWg cZÚWgZcfCli XYbhGYf] JWg(8 YUbcZCli XYbhgCli XYbh; cj Yfba Ybh5ggcVJU}cb, Chi XYbh5Wij]lfYg7ci bW, 7ci bgY]b[, Chi XYbh@YUXYfg\]d8Yj Ycda YbhFYgXYbW@ZX, < YUh CYfj JWg 7ccfX]bUcfcZI b]j Yfglm5Wij]lfYg UbX7Ua di gCY-Wf]m), cZÚWgcZ5Xa |gg|cbg: |bUbVJU5]X, 9bfc``a YbhCYf] JWg 7Ua di gA |b]gffYg (A |gg|cbUfm=b-FYg|XYbW), DfUnYf7\UdY, UbXh\YA |gg|cbUfmKU`.