



# LING5015

8]gWcifgY`5bU`mg]g

LING5015 Term 3, 2020 published at 28-07-2020 // © University of New South Wales, 2020

# 7 ci fgY<sup>·</sup>Cj Yfj ]Yk

# GHJZZ7cbHJWh78YHJ]`g

### 7cbj Ybcfg

B Ua Y	9a U]`	5j U]`UV]`]m	@cWUh]cb	D∖cbY
5b]_ï <ultagg< th=""><th>U"\Uhcgg4 i bgk "YXi "Ui</th><th>VmUddc]bha Ybh</th><th>A cfj Yb 6fck b</th><th>Ž*%'-',) ,'(\$</th></ultagg<>	U"\Uhcgg4 i bgk "YXi "Ui	VmUddc]bha Ybh	A cfj Yb 6fck b	Ž*%'-',) ,'(\$

### GWXcc``7cbHJWhi=bZcfaUh]cb

GWXcc``cZ<iaUb]ŊYg'UbX'@Ub[iU[Yg

@cWUhjcb. `GW&cc``C ZJWYžA cfj Yb`6fck b`6i ]`X]b[ ž@Yj Y``&ž&),

CdYb]b[ '< ci fg. A cbXUm! : f]XUmž - Ua '!') da

D\cbY. Ž\*%&'-',) %\*, %

: UI . Ž\*%&'-' , ) ', +\$)

9a U]`. <u>\U`4 i bgk "YXi "Ui</u>

# 7cifgY<sup>·</sup>8YHJ]`g

### 7 fYX]hDc]bhg\*\*\*

### Gi a a UfmcZh\Y'7ci fgY

H\]gʻWci fgY`XYj Y`cdgʻmci fʻfYgYUfWX`g\_]``gʻUbX`mci fʻUk UfYbYggʻcZ`Ub[i U[Y`i gY`]bʻgcWJYhm`5```\_Ym UddfcUWXYgʻhcʻhYl hUbU`mg]gʻk]```VY`fYj JYk YX`hcʻ[]j Y`mci `U`VfcUX`dYfgdYWfj Yžk \]WX`mci `WUb`Udd`mhcʻU fUb[Y`cZX]gWJd`]bUfmWcbhYl hgʻ]bWi X]b[`Udd`]YX``]b[i ]ghJWgʻzffUbgʻUh]cb`UbX`]bhYfdfYhUh]cbža YX]U`UbX Wca a i b]WUh]cb`ghi X]YgʻUbX`bUffUh]j Y`UbU`mg]g"'Mci `k]``XYj Y`cd`mci f`Wf]h]WU``h\]b\_]b[`UVci h\ck ``Ub[i U[Y i gY`fYZYWfg`UbX`g\UdYgʻci f`k cf`X`UbX`X]gWi ggʻgcWJU``d\Ybca YbU`fY"["`Yei U`]mž`gcWJU``A`gh]WYž fYdfYgYbHUh]cb`cZUgmi a `gYY\_YfgžYhWE'h\fci [\`hYl hUbU`mg]g"'Mci `k]``U`gc``YUfb`UVci h\ck `gdYU\_Yfg a U\_Y`W\c]Wfgʻhc`dYfZcfa` h\Y]f`]XYbh]mž'Wc!cdYfUhY`UbX`YI dfYggʻdc`]hYbYggʻ]b`Wcbj YfgUh]cbgʻUbX`bUffUhY dUghYj Ybhg'' =b`hYfa gʻcZk f]hHYb`hYl hgžmci `k]``gh XmWc\Yg]cb`UbX`Wc\YfYbWY`]b`UWUXYa ]Wk f]h]b[`žUbX h\]gʻk]``\Y`d`mci `VY`U`VYhHYf`k f]hYf'': cf`mci f`dfc`YWgžmci `k]``VY`ZfYY`hc`W\ccgY`Zfca`U`VfcUX`fUb[Y`cZ hYl himdYgʻ]bWi X]b[`bYk gdUdYfgž'hfUbg`Uh]cb#bhYfdfYh]b[`HYl hgžUWUXYa]WhYl hgžbUhi fU`'Wcbj YfgUh]cbgʻUbX gcVJU``a YX]U`HYI hg"

### 7cifgY@YUfb]b[CiHWcaYg

- %" →YYbhJZmiUbX``UVY``ZYUhi fYgicZbUhi fU``Wcbj YfgUhJcbg`]b`9b[`]g\`i g]b[`Wcbj YfgUhJcb`UbU`mg]g hYW\b]ei Yg"
- &" F YVcfX`UbX`ffUbgWf]VY`U`g\cfhVcbj YfgUh]cb`i g]b[`ffUbgWf]dh]cb`Wcbj Ybh]cbg"
- ' " 8 Yg][ b U fYgYUfWX dfc YWii g]b[ 'X]gWci fgY UbU`mg]g a Yh\cXg"
- ("9jU`iUhY'h\Y'WcbbYWf]cbg'VYfkYYb``Ub[iU[Y'igY'UbX'gcW]U`ž'dc`]h]WU``UbX'W `hifU``ZcfaUh]cbg"
- )" 8YjY`cd`Ub`UbU`mhjWU``ghfUhY[mhc`YId`cfY`dUhhYfbg`cZgdc\_Yb`cf`kf]hhYb`X]gWcifgY"
- \*" 5f[iY'Zcfih,Y'jU']X]micZU'X]gWcifgY'UbU'm]WU``UddfcUWX'UbX']``igfUhY'h,Y'igY'cZh,Y'UddfcUWX h,fci[\`Y|Uad`Yg"

#### HYUW ]b[ GhfUhr[ ]Yg

@YUfb]b[`UbX`HYUWX]b[`FUh]cbU`Y

H\Y`WebhYbhik Ug`WUfYZ ``mgY`YWhYX`he`WejYf`U```a U`ef`hfYbXg`]b`X]gWeifgY`UbU`mg]g"`<ekYjYfž'h`]g`aYUbg h\Uhih\Y`jUf]cig`UddfcUV&Yg`UfY`bchYId`efYX`]b`XYdh\"`H\Y`U]a`]g`he`[]jY`Ub`]bhfeXiWh]eb`he`YUV& UddfcUW&`ge`h\UhighiXYbhg`WUb`gY`YWhh\Y`VYghUddfcUV&`Zef`h\Y]f`fYgYUfW\`difdegYg"

#### HYUWX]b[ 'GHfUHY[]Yg

7 `UggYg`k]``fi b`Zcf`&`\ci fg`ZUWY!hc!ZUWY']b`U`k cf\_g\cd`Zcfa UH'H\Y'HYUWX]b[`gHfUHY[m]g`hc`Wca V]bY`h\Y h\YcfYhJWD``[fci bX]b[`k]h`dfUWfJWD``Udd`]WUhJcbg"A cghcZh\Y'hJa Y`k]``VY`U``cWUhYX'hc`[fci d`X]gW gg]cbg VUgYX`cb`h\Y`dfY!gYhX]gW gg]cb`ei YghJcbg`UbX`YI YfWJgYg`Ug`ci h]bYX`]b`h\Y`Wci fgY`gW\YXi `Y"`@YWh fY hJa Y`k]``VY``]a]hYX`Zcf`WUf]ZJWUhJcb`cZWcbW'dhg"`Ghi XYbhg`UfY`fYei]fYX'hc`dfYdUfY`h\Y]f`Ubgk Yfg`hc`h\Y YI YfWJgYg`UbX`UWhJj Y`mHU\_Y`dUfh]b`WUgg`X]gW gg]cb": cf`h\Y`dfc^YWfUgg][ba Ybhghi XYbhg`k]```WUffmci h h\Y]f`]bX]j [Xi U``ghi XmcZX]gWci fgY`UbU`mg]g`cb`gdc\_Yb`cf`k f]hYb`Zcfa g`cZX]gWci fgY"

# 5ggYgga Ybh

## 5ggYgga YbhHUg\_g

5ggYgga YbhˈtJg_	K Y][ \h	8iY'8UHY	GhiXYbhi@YUfb]b[ CihWcaYgʻ5ggYggYX
7 cbj YfgUhjcb 5 bU`mg]g	' \$I	%* <i>#</i> %\$#&\$&\$`\$).\$\$`DA	%ž&
Dfc^YWhiDfYgYbHUh]cb <sup>+</sup>	&\$1	'\$#%\$#&\$&\$`\$).\$\$`DA	( Ž*
Dfc YWi	) \$I	&\$ <i>#%#</i> &\$&\$`\$).\$\$`DA	' Ž)

### 5ggYgga Ybh8YHJ]`g

### 5ggYgga Ybh% 7cbj YfgUh]cb 5bU`mg]g

GHUfhXUhY.Bch5dd`]WUV`Y

#### 8YHJ]`g.

Ghi XYbhgʻWca dʻYhYʻUʻWcbj YfgUhjcbʻUbUʻmgjgʻHJg\_ʻcZUʻg\cfhibUhi fUʻ`gdYYW\ʻgUa dʻY"ʻH\YʻHJg\_ʻjgʻUfci bX %\$\$\$`k cfXg"

#### Ghi XYbhg`fYVY]j Y`k f]hhYb`ZYYXVUW\_"

Hi fb]h]b'gYh]b[.`H\]g'Ugg][ ba Ybh]g'gi Va ]hYX'h\fci [\`Hi fb]h]b'UbX'gh XYbhg'Xc'bchgYY'Hi fb]h]b g]a ]`Uf]hmifYdcfhg"

5ggYgga Ybh'& Dfc YWhDfYgYbHJh]cb

#### GHJfh'XUHY.

#### 8YHJ]`g.

H\]gʻ]gʻUbʻ]bX]j ]Xi Uʻ'HUg\_"ʻGh XYbhgʻ[ ]j YʻUʻg\cfhf) a ]bi hYgŁdfYgYbHUh]cbʻf1%\$i Łicbʻh\Y]fʻ]bX]j ]Xi Uʻ X]gWci fgYʻUbU`mg]gʻa ]b]!dfcʻYWid`UbʻUbX`gi Va ]hUʻ) \$\$!k cfX`dfYgYbHUh]cbʻUVghfUWif1%\$i Ł"ʻGh XYbhgʻUfY H\]gʻ]gʻUʻdfcʻYWfiUgg][ ba YbhcZ' \$\$\$`k cfXgʻYI Wi X]b[ `fYZYfYbWYg"`Ghi XYbhgʻW\ccgY`UbʻUfYUʻcZ]bhYfYgh]b X]gWci fgY`ghi X]YgʻUbX`XYj Y`cdʻUʻa ]b]!dfcʻYWfi`H\Y`dfcʻYWfi]bWi XYgʻXUhUʻUbU`mg]gʻi g]b[ `fY`Yj Ubh X]gWci fgY`h\YcfmUbX`a Yh\cXgʻWcj YfYX`]bʻh\Y`Wci fgY"

Ghi XYbhg`fYWY]j Y`k f]hhYb`ZYYXVUW\_"

### 5 HYbXUbWYFYei]fYaYbhg

D`YUgY`bchY`h\Uh`YWfifY`fYWcfX]b[g`UfY`bchUjU]`UV`Y`Zcf`h\]g`WcifgY"`GhiXYbhg`UfY`ghfcb[`mYbWcifU[YX`hc UhhYbX`U```WUggYg`UbX`WcbhUWfih\Y`7 cifgY`5ih\cf]hmhc`aU\_Y`U`hYfbUh]jY`UffUb[YaYbhg`Zcf`WUggYg a]ggYX"

# 7 ci fgY GWX YXi `Y

#### J]Yk WUgg ha YHUY Y

#### H]a YHJV`Y'

8 UHY	Hmd Y	7 cbhYbh
K YY_`%`%(`GYdhYa VYf'! % `GYdhYa VYf	Hcd]W	♣ HfcXi Wh]cb. ``CjYfj]Yk `cZ8]gWcifgY`5bU`mg]g` %" K Uf]b[ `7 \UdhYf`% &" 7 UbX`]bž7 "`B "ž7 f]Wk tcbž>"ž/ `A ccfYžG"`<" f&\$%+Ł"`9I d`cf]b[ `8]gWcifgY`]b`7 cbhYI hUbX ]b`5Wh]cb"`DU`[fUjY`A UWa]`Ub`I ? "` 7 < 5 DH9F `%`5g_]b[ `Wf]h]WU``eiYgh]cbg.`< ck ]g`X]gWcifgY`XYZ]bYX`UbX``cWUhYX3 C B@=B9`: CFIA. ``ghiXYbhg`X]gWigg`_YmWcbWYdhg UbX`XYZ]b]h]cbg
K YY_`&.`&%GYdhYa VYf'! &) 'GYdhYa VYf	Hcd]W	8]gWcifgY`ghfiWhifY`='fhYIh`ghfiWhifY`z`[YbfY`UbX dUfh]W]dUbhgŁ %"KUf]b[`7\UdhYfg`&!'``ghfiWhifY`cZhYIhg &"7UbX`]bž`7"`B"ž`7f]W\hcbž`>"ž⁄`AccfYž`G"`<" f&\$%+L"`9Id`cf]b[`8]gWcifgY`]b`7cbhYIh`UbX ]b`5Wf]cb"`DU`[fUjY`AUWa]``Ub`I?" 7<5DH9F`'.`K\c`]g`]bjc`jYX`]b`X]gWcifgY3 GYWf]cb`'"+`;YbfYg CB@=B9`:CFIA.`ghiXYbhg`UbU`mgY`ZYUhifYg`cZUb UWUXYa]Wh/Ih
KYY_''.'&, GYdhYaVYf'! &'CW/cVYf	Hcd]W	8]gWci fgY'gHfi Wi fY'≕fbHfi Wi fY'cZ Wcbj YfgUh]cbgŁ %" K Uf]b['7 \UdhYfg'&!' '-'gHfi Wi fY'cZhU`_ &" 7 UbX`]bž7"'B "ž7 f]Wkhcbž>"ž/ `A ccfYžG"'<" f&\$%+Ł"'9I d`cf]b[`8]gWci fgY`]b'7 cbhYI hUbX ]b'5Wi]cb"'DU'[fUj Y'A UWa]``Ub'I ?" 7 < 5DH9F '*.`K \mih\Uhbck 3 5`gc`fYWca a YbXYX.'Dca YfUbhr'UbX': Y\`f&\$%%Ł" 7 cbj YfgUh]cb'5bU`mg]g"'7 \UdhYf'-`8]gWci fgY Ghi X]Yg.'5`A i `h]X]gW]d`]bUfm-tbHcXi Wi]cbžYX]hYX'Vm

	8]^_ž'HYib`5"`jUbžG5; 9`DiV`]WUh]cbgž'&\$%%"`fU ghYd`VmghYd`[i]XYŁ CB@=B9`:CFIA.`DcgH]hg\cfh`Z]`a.` \hdg.#mcih`"VY#UJ[Y>)Ye`GA

		<pre>\YfY3ž/eWUf[a`e a` XSUWS`V XSUW ad] S`V '7 &lt; 5DH9F '' - eWUf[a`e a` Uag`[f[We aXbdSUf[UWS`V_W_TWdeZ[b USfWYad[eSf[a` ž 5`gc fYWca a YbXYX.</pre>
		K Yghž@UbX`HfYghYf`f&\$% E: UWYkcf_`cb`: UWYVcc @Ub[iU[Y`cZbYk`aYX]U"`7\UdhYf`, `]b`HUbbYbž8" UbX`HfYghYfž5"A "`fYX"E8]gWcifgY`&"\$"`; Ycf[Yhckb Ib]jYfg]miDfYgg"
		CB@—∎9':CFIA'ghiXYbhg'X]gW/ggʻZUW¥kcf_`cb :UW¥Vcc_"
K_YY_`*.`%-`CW/cVYf`!`&' CW/cVYf	Hcd]W	8]gWcifgY`UbX`=XYbh]hm=
		%"K Uf]b[`7∖UdhYf`+ &"8Y`:]bUž`5"`f&\$%%£`8]gWcifgY`UbX`]XYbh]hm" 7∖UdhYf`%`]b`8]gWcifgY`GhiX]Yg.`5 Ai`h]X]gW]d`]bUfmi=bhfcXiWh]cbž`YX]hYX`Vm8]^_ž HYib`5"`jUbž`G5; 9`DiV`]WUh]cbgž`7∖UdhYf`+
		5`gc`fYWca a YbXYX.
		G]acb; ccXaUb%GigUb5"GdYYff&\$\$+Ł 7UhY[cfmIgY]bh\Y7cbghfiWgcbcZ5gmia GYY_Yfgž7f]hJWD8]gWcifgYGhX]Ygž(.&ž%)!%)ž 8C=%\$"%\$,\$#%+(\$)-\$\$+\$%(*(,'&
		<uhcggž5"`f&\$%&ł"`~k\yfy`ufy`mci`zfca3`+xybh]hm WebghfiWh]cb`UbX`YIdYf]YbWYg`cZ'ch\Yf]b['`]b`h\Y bUffUh]jYg`cZGiXUbYgY`fYZ[YY!VUW_[fcibX 5ighfU`]Ubg"~`8]gWeifgY`/``GcW]Yhm&amp;'f%L`(+!*,"</uhcggž5"`f&\$%&ł"`~k\yfy`ufy`mci`zfca3`+xybh]hm 
		CB@=B9': CFIA.'ghiXYbhid`cUX'U'g\cfhibYkg ]hYa`UbX'YId`cfY'aYaVYfg\]d'WUhY[cf]gUh]cb.'\ck Xc'bYkgdUdYfg'fYZYf'hc'YjYbhg'UbX'dYcd`Y3'K\Uh Xc'h\YgY'W\c]WYg'hY```ig'UVcih]XYc`c[mUbX fYdfYgYbhUh]cb3
K YY_`+.`&*`CW/cVYf`!`'\$ CW/cVYf	Hcd]W	8]gWcifgY`UbX`]XYc`c[mi≕f1785`h\YcfmŁ
		%" K Uf]b[`7 \UdhYf', &" 7 UbX`]bž7"`B"ž7 f]W\hcbž>"ž/`A ccfYžG"`<" f&\$%+Ł"91 d`cf]b[`8]gWci fgY`]b`7 cbhY1 hUbX ]b`5 Wf]cb"`DU`[fUj Y`A UWa]``Ub`1 ?" 7 < 5 DH9F`, .`< ck `Xc`X]gWci fgY`UbX`gcW]U` W\Ub[Y`Xf]j Y`YUW\`ch\Yf3
		5`gc`fYWca a YbXYX.
		:U]fWci [\žB"`UbX`K cXU_ž`F"`f&\$%%Ł`7f]h]WU`

K YY_`, .`&`Bcj Ya VYf'!`* Bcj Ya VYf	Hcd]W	<pre>8 ]gWci fgY 5bU'ng]g" 7 \UdHY f %+ ]b 8 ]gWci fgY Gh X]Yg. 5 A i 'h]X]gW]d ]bUfm =bHc Xi WijcbZYX]HYX Vm 8 ]^_ZHYi b 5" j UbZG5; 9 'Di V]WUhcbgZ &amp;\$%% J Ub'8 ]^_ZH" f&amp;\$%%£8 ]gWci fgY UbX ]XYc'c[ m' 7 \UdHYf % ']b 8 ]gWci fgY Gh X]Yg. 5 A i 'h]X]gW]d ]bUfm =bHc Xi WijcbZYX]HYX Vm8 ]^_ZHYi b 5" j UbZG5; 9 Di V]WUhcbgZ &amp;\$%% E fgVW fe bdWeW f bda WUf [VVSe C B@=B9': C F I A . 'Gh XYbhg X]gW gg'W ffYbhdc']h]WU' X]gWci fgY'UbX ]XYc'c[ m=ifa i 'h]a c XU']mE % K Uf]b[ '7 \UdHYf'- 5 'gc fYWca a YbXYX. F ca U[ bi c'cZ5" f&amp;\$\$- EDc']h]WU'X]gWci fgY']b HUbg'Uh]cb.''5 'Wcfdi g!VUgYX'gh XmHfUbg'Uh]cb'UbX =bHYfdfYh]b[ 'Gh X]Yg'(.%f&amp;\$\$- EZ%-' \$"'Xc] %\$"%\$+) #]g"( "%'\$%fca 8 ]a ]hf]g'GYfUZ]gZGUfU'; fYWcZ7 \]UfU'Dc'`Ufc']/ 7 \]UfU'&gt;Yfa ]b]A Ufn]bYn'Gcf]U f&amp;\$% E'Hck UfXg'Ub ]bHY[ fUHYX'Uf[ i a YbHUh] Y'UddfcUW. 'tc'a i 'h]a c XU' Wf]hWU'X]gWci fgY'UbU'ng]g. Yj ]XYbW' Zfca 'h.Y dcfffUmU'cZfYZ [ YYg'UbX']a a ][fUbrg']b'; fYY_ bYk gdUdYfgZ7 f]h]WU'8]gWci fgY'Gh X]YgZ8C = %\$"%\$, \$#%+(\$) - \$("&amp;\$% "%+\$%) \$- C B@=B9': C F I A . 'gh XYbhg'dcghU'a i 'h]a c XU''hYI h a U[ Un]bY Vcj Yfcf'UX Yfn]gYa YbhUbX'X]gW gg'h.Y gcW]U'gYa ]ch]WUgYWg'cZk \Uha YUb]b[ ']g</pre>
		Webj YmYX'k ]h\`k \Uhihoo`g
K YY_`-∵- Ɓcj Ya VYf'! % Ɓcj Ya VYf	FYUX]b[	B.c. WUggigW.YXi `YX"
K_YY_`%\$.`%*`Bcj Ya VYf'! &\$`Bcj Ya VYf	FYUX]b[	Bc`WUgg`gW\YXi`YX"

# FYgci fWg

### DfYgWf]VYX F Ygci fWyg

- K Uf]b[ž<Ubgi b`N\Ub[`f&\$% E8]gWci fgY`UbU`mg]g.`H\Y`ei Ygh]cbg`X]gWci fgY`UbU`mghg`Ug\_`UbX \ck `h\YmUbgk Yf`h\Ya "`F ci hYX[Y"`Y6cc\_`1 BGK `@]VfUfm
- 7 UbX`]bž7"`B"ž7f]Wkhcbž>"ž/ A ccfYžG"`<"`f&\$%+t"'91d`cf]b[`8]gWcifgY`]b`7cbhY1hUbX`]b`5Wf]cb" DU`[fUjYAUWa]``Ub`1?"'Y6cc\_1BGK`@]VfUfm"

#### FYWca a YbXYX FYgci fWYg

#### FYWcaaYbXYX'Y6cc\_g']b'IBGK '@]VfUfm

- J Ub '8 ]^\_ž'H" '5" ffYX"'E'f&\$%%E'8 ]gWci fgY 'Gh X]Yg. '5 'A i `h]X]gW]d`]bUfmi=bHcXi Wh]cbž'G5; 9 Di V`]WUh]cbgž'&\$%%" DfcE i Ygh'9Vcc\_'7 YbHfU'ž \htdg.##YVcc\_WYbHfU`"dfcei Ygh'Wca #]V# bgk #XYhU]`"UWh]cb3XcW81\*, -()%
- DU'hf]X[Yž6f]Ub''f&\$%&E8]gWci fgY'UbU'mg]g. 5b']bhfcXi Whjcb"'&bX'YX"'6`cca gVi fm''Y6cc\_']b I BGK '@]VfUfm'
- <mUbXž? "žYhU`"f&\$%%L"6`cca gVi fm7 ca dUb]cb'hc`8]gWci fgY`5bU`mg]g"'@cbXcbž1 ?ž 6`cca gVi fmDi V`]g\]b[ 'D`W''
- 6]VYfž8"ž/ '7 cbfUXžG" f&\$\$- Ł" FY[]ghYfž[YbfYžUbX ghmY" FYhf]Yj YX Zfca \htdg.#/Ycc\_W/bhfU`"dfcei YghWca

WXU``Yb[]b["

Gh XYbhZYXVUW\_k ]``VY`[ Uh\YfYX`h\fci [ \`cbY!a ]bi hY`dUdYfg`k YY\_m'

# Gi Va ]gg]cb cZ5ggYgga YbhHUg\_g

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

Zmci YbWci bhYf'U'dfcV'Ya 'k \Yb'UhYa dhjb[ 'hc'gi Va ]hmci f'Ugg][ ba YbhN fci [ \ 'Hi fb]hjbž'd'YUgY hY'Yd\cbY'9I hYfbU'`Gi ddcfhcb'-', ) '' ' '%cf'Ya U]`'h\Ya 'cb'YI hYfbU'hY'hgi ddcfh4 i bgk "YXi "Ui '"'Gi ddcfh \ci fg'UfY', .\$\$Ua '-'%\$.\$\$da 'cb'k YY\_XUmg'UbX'-.\$\$Ua '-') .\$\$da 'cb'k YY\_YbXg'fl \*) 'XUmg'U'mYUfŁ''Zmci UfY'i bUV'Y'hc'gi Va ]hmci f'Ugg][ ba YbhXi Y'hc'U'ZJi 'hk ]h. 'Hi fb]hjb'mci 'a UmUdd`mZcf'Ub'YI hYbg]cbžVi hmci a i ghfYhU]b'mci f'hjW\_Yhbi a VYf'Zfca '9I hYfbU'`Gi ddcfhfU'cb[ 'k ]h. 'Ubmch\Yf'fY'Yj UbhXcW a YbhgŁ'hc ]bWi XY'Ug'Yj ]XYbWY hc'gi ddcfhimci f'YI hYbg]cb'Udd`]WUh]cb'''Zmci 'Ya U]`'9I hYfbU'`Gi ddcfhimci 'k ]`` Ui hca UhjWU'`mfYWY]j Y'U'hjW\_Yhbi a VYfž'Vi h]Zmci 'hY`Yd\cbY'mci 'k ]``bYYX'hc'gdYWJZWU``mUg\_'Zcf'cbY" Hi fb]hjb'U`gc'dfcj ]XYg'i dXUhYg'cb'h\Y]f'gmghYa 'gfUhi g'cb'Hk ]hYf"

; YbYfU``mž'UggYgga YbhiHUg\_g'a i ghVY'gi Va ]HHYX'Y`YWfcb]WU``mj ]U`Y]H\Yf`Hi fb]h]b`cf`U`A ccX`Y Ugg][ ba YbH'`=b`]bgHUbWfg`k \YfY`H\]g`]g`bchdcgg]V`Yž`]hk ]``VY`gHUHYX'cb`mci f`Wci fgY'g`A ccX`Y`g]HY`k ]H\ U`HYfbUh]j Y`gi Va ]gg]cb`XYHU]`g"

: cf`]bZcfa Uh]cb`cb`\ck `hc`gi Va ]hUgg][ ba Ybhg`cb`]bY`j ]U`A ccX`Y.`\hhdg.##gh XYbh'i bgk "YXi "Ui #\ck! gi Va ]hUgg][ ba Ybha ccX`Y

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

D`U[]Uf]ga `]g`i g]b[ 'h\Y`k cfXg`cf`]XYUg`cZch\Yfg`UbX`dfYgYbh]b[ 'h\Ya `Ug`mci f`ck b"`=h\WUb`hU\_Y`a Ubm Zcfa gžZfca `XY`]VYfUhY`W\YUh]b[ 'hc`UWW]XYbhU``mWcdm]b[ 'Zfca `U`gci fWY`k ]h\ci hUW\_bck `YX[ Ya Ybh'

IBGK [fcidg'd`U[]Uf]ga ]bhc h\Y Zc``ck]b[ WUhY[cf]Yg.

7 cdm]b[.'i g]b['h\Y'gUa Y'cf'j Yfmg]a ]`Uf'k cfXg'hc'h\Y'cf][]bU``hYI hcf`]XYU'k ]h\ci hUW\_bck `YX[]b['h\Y gci fWY'cf'i g]b['ei chUh]cb'a Uf\_g"'H\]g'U`gc'Udd`]Yg'hc']a U[Ygž'Ufh'UbX'XYg][b'dfc'YWhgž'Ug'k Y```Ug dfYgYbhUh]cbg'k \YfY'gca YcbY'dfYgYbhg'Ubch\Yf'g']XYUg'cf'k cfXg'k ]h\ci hWfYX]h'

=ðUddfcdf]UhY`dUfUd\fUg]b[..7\Ub[]b[`U`ZYk`kcfXg`UbX`d\fUgYg`k\]`Y`acghmfYhU]b]b[`h\Y`cf][]bU` ghfi WhifY`UbX#cf`dfc[fYgg]cb`cZ]XYUg`cZh\Y`cf][]bU`ž`UbX`]bZcfaUh]cb`k]h\cihUV\_bck`YX[YaYbh'H\]g`U`gc Udd`]Yg`]b`dfYgYbhUh]cbg`k\YfY`gcaYcbY`dUfUd\fUgYg`Ubch\Yf\*g`]XYUg`cf`kcfXg`k]h\cihWfYX]hUbX`hc d]YW]b[`hc[Yh\Yf\*eichYg`UbX`dUfUd\fUgYg`]bhc`U`bYk`k\c`Yžk]h\cihUddfcdf]UhY`fYZYfYbW]b["

7 c``i g]cb.'k cf\_]b['k]h`ch\Yfg'Vi hdUgg]b['cZth\Y'k cf\_'Ug'U'dYfgcb'g']bX]j ]Xi U``k cf\_"'7 c``i g]cb'U`gc ]bWi XYg'dfcj ]X]b['mci f`k cf\_'hc'Ubch\Yf'gh XYbhVYZcfY'h\Y'Xi Y`XUhYžcf'Zcf'h\Y'di fdcgY'cZh\Ya d`U[]Uf]g]b['UhUbmh]a YždUm]b['Ubch\Yf'dYfgcb'hc'dYfZcfa 'Ub'UWUXYa]WhUg\_žghYU`]b['cf'UWéi]f]b[ Ubch\Yf'dYfgcb'g'UWUXYa]Wk cf\_'UbX'Wcdm]b[']hžcZYf]b['hc'Wea d`YhY'Ubch\Yf'dYfgcb'g'k cf\_'cf'gYY\_]b[

- i bXYfgHJbX'mci f`f][\hg`UbX'fYgdcbg]V]`]h]Yg`Ug'U'gh'XYbh'Uh'I BGK
  VY`Uk UfY`cZd`U[]Uf]ga ž'Wcdmf][\hz`I BGK 'Gh'XYbh'7cXY'cZ7cbXi Wh'UbX'5WWYdHJV`Y`I gY`cZ IBGK =7 HFYgcifWfgDc`]Wm

# 5₩UXYa]W=bZcfaUh]cb

: cf<sup>·</sup>YggYbhJU<sup>··</sup>gh XYbh<sup>·</sup>]bZcfa UhJcb<sup>··</sup>fY<sup>·</sup>UhJb[<sup>··</sup>hc.

- fYei YghgʻZcfʻYl hYbg]cb/ •