# PTRL6012

8 f]`˙]b[ ˙A i X˙!˙: cfa i ˙Uḥcbž GY˙YW̸]cb ˙UbX˙A U]bḥYbUbV̸Y

HYfa ˙H\fYY ˙˙##˙˙&$&$

# 7ci fgY Cj Yfj ]Yk

## GhUZZ 7cbhUWh 8YhU]`g

### 7cbj Ybcfg

| BUaY | 9aU] | 5j U] UV] hm | @cWUh] cb | D\cbY |
|---|---|---|---|---|
| N\]` 7\Yb | n\]`]W4 u bgk "YXi "Ui | CZZ]WY \ci fg | CZZ]WY &%%ž @Yj Y` &ž H9H6 | Ž*%&-', ) ) %& |

## GW\cc` 7cbhUWh =bZcfa Uh]cb

GW\cc` cZ A]bYfU` g UbX 9bYf[ mF Ygci fWYg
C`X A U]b 6i ]`X]b[ ž @Yj Y` %ž %- fP %) Ł
I BGK GM8B9M BGK &$)&5U GHF5@5

H. Ž*%f&-', ) ) $$*
9.

# 7ci fgY 8YhU]`g

## 7fYX]h Dc]bhg *`

## Gi a a Ufm cZ h\Y 7ci fgY

H\Y Wci fgY cjYfg h\Y Zc``ck ]b[ UgdYWhg. H\Y Zi bXUa YbhU` df]bW]d`Yg Wca dcg]h]cb UbX UXX]h]jYg cZ Xf]``]b[ Zi ]Xg" 7`UmWX` Ya ]ghfm Dc`ma Yf UbX Udd`]WU h]cbg ]b Xf]``]b[ Zi ]Xg" A i X k Y][ h\ XYh Yfa ]bUh]cb UbX WU`W` Uh]cbg" A i X Zh fUh]cb UbX a i X WU_]b[ dfcWYgg" 5 D=a i X dfcdYfh]Yg" 7 \Ya ]WU` UbU`mg]g ]bWi X]b[ d<ž U`_U`]b]hm ž WX`cf]XY WcbWYbhfUh]cbž UfY\UfXbYgg ž UbX WcbhYbh a i X fYhcfh UbX a Yh\mYbY V`i Y h]hfUh]cbg" A i X gmghYa `Yg][ b Zcf Wcbhfc` cZ Zcfa Uh]cb XUa U[ Y UbX k Y``VcfY ghUV]`]hm'

5g dUfh cZ h\Y Wci fgY ž ghi XYbhg k ]``ghi Xm XXXX]h]cbU``hcd]Wg h\fci [ \ U dfc YWh` 8Yg][ b a i X dfc[ fUa Zcf Ub YI h\YbXYX fYUWX XYjYcda Ybh\Y`" ± h\Y dfc YWhž ghi XYbhg UfY fYei ]fYX hc WUffm ci h` h\YfUh i fY gi fj Ymž dYfZcfa `k Y`VcfY ghUV]`]hmUbU`mg]gž UbX XYg][ b a i X dfc[ fUa h\fci [ \ U WUgg ghi Xm`: ]bU` dfc YWhifYdcfh UbX dfYgYbhUh]cb `g fYei ]fYX"

## 7ci fgY 5]a g

H\]g Wci fgY k ]``YbUV`Y ghi XYbhg hc UWei ]fY Zi bXUa YbhU` _bck `YX[ Y cZ Xf]``]b[ Zi ]Xg UbX hc Udd`mh\Y h\Ycfmhc h\Y XYg][ bž Yj U`i Uh]cb UbX cdh]a ]nUh]cb cZ Xf]``]b[ Xf]``]b[ Zi ]X dfc[ fUa "

## 7ci fgY @YUfb]b[ Ci hWca Yg

%" 8Yg][ b UbX Yj U`i UhY Xf]``]b[ Zi ]X dfc[ fUa i bXYf gdYW]Z]Wk Y``Wcb X]h]cbg"
&" DfYdUfY UbX hYgh Xf]``]b[ Zi ]Xg UWWcfX]b[ hc 5 D=ghUbXUfXg"
'" Cdh]a ]nY Xf]``]b[ Zi ]Xg hc Wcbhfc``Zcfa Uh]cb XUa U[ Y UbX k Y``VcfY ghUV]`]hm'

## HYUW\]b[ GhfUhY[ ]Yg

D`YUgY fYZYf hc h\Y ]bZcfa Uh]cb ]b A ccX`Y

|  |  |  |  |
|---|---|---|---|
|  |  |  |  |
|  |  |  |  |

Hi fb]h]b ̇gYhh]b[ . ̇H\]g ̇]g ̇bch ̇U ̇Hi fb]h]b ̇Ugg][ ba Ybh

5ggYgga Ybh ̇) . ̇Dfc ́YW\

8YhU]`g. 8Yg][ b ̇a i X ̇dfc[ fUa ̇Zcf ̇Ub ̇Yl h ̇YbXYX ̇fYUW\ ̇XYj Y ̇cda Ybh ̇k Y ̀" ̇H\Y ̇gdYW]ZJW\ ̇cb ̇cZ ̇h\Y ̇dfc ́YW\ k ]`VY ̀fY ̀YUgYX ̇cb ̇K YY_ ̀) "

Gi Va ]gg]cb ̇bch ̇Yg. A ccX ̀Y ̇C b ̀]bY ̇Gi Va ]gg]cb

Hi fb]h]b ̇gYhh]b[ . ̇H\]g ̇]g ̇bch ̇U ̇Hi fb]h]b ̇Ugg][ ba Ybh

5ggYgga Ybh ̇* . ̀]bU ̀ ̇9l Ua

8YhU]`g.

5 ̇hk c ̇\ci fg ̇cb ̀]bY ̇ei ]n ̇k ]`VY ̇\c ̀X ̇k ]h\ ̀]b ̇h\Y ̇Yl Ua ̇dYf]cX "; i ]XY ̀]bYg ̇Zcf ̀\Y ̀]d]b[ ̇h\Y ̇dfYdUfUh]cb ̇Zcf ̀h\Y Z]bU ̀Yl Ua ̇k ]`VY ̀fY ̀YUgYX ̇df]cf ̇hc ̀h\Y ̇Yl Ua "

Gi Va ]gg]cb ̇bch ̇Yg. A ccX ̀Y ̇ei ]n

Hi fb]h]b ̇gYhh]b[ . ̇H\]g ̇]g ̇bch ̇U ̇Hi fb]h]b ̇Ugg][ ba Ybh

# 5hhYbXUbWY'FYei]fYaYbhg

Ghi XYbhg'UfY'ghfcb[`mYbWci fU[YX'hc'UhhYbX'U``WUggYg'UbX'fYj]Yk `YWhi fY'fYWcfX]b[g"

# 7ci fgY'GWXYXi`Y

## H]a YhUV`Y

| 8UhY | HmdY | 7cbhYbh |
|---|---|---|
| K YY_'%'%( GYdhYa VYf'! %' GYdhYa VYf | Hcd]W | 7\!%±bhfcXi Wh]cb/ 7\!&'7`Um 7\Ya ]ghfm |
| K YY_'&'&%GYdhYa VYf'! &) GYdhYa VYf | Hcd]W | 7\!&'7`Um'7\Ya ]ghfm/ 7\!' Dc`ma Yf'7\Ya ]ghfm |
| K YY_'''.'&, GYdhYa VYf'! &C WhcVYf | Hcd]W | 7\!' Dc`ma Yf'7\Ya ]ghfm |
| K YY_'(.') C WhcVYf'! -C WhcVYf | Hcd]W | 7\!( A i X Dfc[fUa |
| K YY_')'%&'C WhcVYf'! %* C WhcVYf | Hcd]W | 7\!( 8f]``]b['`: `i ]X': ]hfUh]cb |
| K YY_'*'%- C WhcVYf'! &' C WhcVYf | Hcd]W | 7\!) 5D±A i X DfcdYfh]Yg |
| K YY_'+.'&* C WhcVYf'! '' $ C WhcVYf | Hcd]W | 7\!) 5D±A i X DfcdYfh]Yg |
| K YY_','.'&'Bcj Ya VYf'! '* Bcj Ya VYf | Hcd]W | 7\!* A i X GmghYa g/ HfYUha Ybhg'Zcf'GdYW]Z]W<c`Y 7cbX]h]cbg" |
| K YY_'-.'- Bcj Ya VYf'! %' Bcj Ya VYf | Hcd]W | 7\!+ C]`6UgYX A i X |
| K YY_'%$.'%* Bcj Ya VYf'! &$ Bcj Ya VYf | Hcd]W | 7\!, C]`6UgYX A i X |

F Ygci fW/g

DfYgWf]VYX F Ygci fW/g

B ch Uj U]`UV Y

F YW ca a YbXYX F Ygci fW/g

B ch Uj U]`UV Y

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

5h h\Y YbX cZ YUW\ Wci fgYž U``ghiXYbhg k]``\Uj Y h\Y cddcfhi b]hm hc Wca d`YhY U Wci fgY Yj U`i Uh]cb Zcfa " H\YgY UbcbmaciggifjYmg\Y`diggibXYfghUbXmcifj]Yk gcZ h\Y Wci fgYžmcif`YWhi fYfg UbX h\Y Wci fgY a UhYf]U`g" K Y UfY Wcbh]bi ci g`m]adfcj]b[ ci f Wci fgYg VUgYX cb ghiXYbh ZYYXVUW\ ž UbX mci f dfgdYWh]jY ]g j U`i UV`Y"

: YYXVUW\ ]g []j Yb j]U \ h%dg.##ghiXYbh i bgk "YXi "Ui #a mY ldYf]YbWY UbX mci k ]``VY bch]Z]YX k \ Yb h ]g ]g Uj U]`UV`Y Zcf mci hc Wca d`YhY"

K Y U`gc YbWci fU[ Y U``ghiXYbhg hc g\ UfY Ubm ZYYXVUW\ h\Ym \ Uj Y Ubm h]a Y Xi f]b[ h\Y Wci fgY — ]Z mci \ Uj Y U WcbWfbž d`YUgY Wcbh UWh ig ]a a YX]UhY`m'

# Gi Va ]gg]cb cZ 5ggYgga Ybh HUg_g

H\Y GVcc``\Ug XYjYcdYX U [i]XY`]bY hc \Y`d mci k\Yb gi Va]hh]b[ U Wci fgY Ugg][ba Ybh'

K Y YbWci fU[Y mci hc fYHU]b U Wcdm cZ YjYfm Ugg][ba Ybh gi Va]hhYX Zcf Ugg Ygga Ybh Zcf mci f ck b fYWcfX Y]h\Yf ]b \UfX Wcdm cf Y`YWhfcb]WžcZcfa "

5``UggYgga Ybhg a i gh \Uj Y Ub Ugg Ygga Ybh Wcj Yf g\YYh UhhUW\YX"

## @UhY Gi Va]gg]cb cZ Ub 5gg][ba Ybh

: i ``a Uf_g Zcf Ub Ugg][ba Ybh UfY cb]m dcgg]V`Y k\Yb Ub Ugg][ba Ybh ]g fYWY]jYX Vm h\Y Xi Y XUhY"

K Y i bXYfghUbX h\Uh Uh h]a Yg mci a Um bch VY UV`Y hc gi Va]h Ub Ugg][ba Ybh cb h]a Yž UbX h\Y GVcc``k ]``UWWca a cXUhY Ubm ZU]f UbX fYUgcbUV`Y Ylh\Ybg]cb" K Y k ci `X fYWca a YbX mci fYj ]Yk h\Y I BGK GdYWU` 7cbg]XYfUh]cb [i ]XY`]bYg —gYY gYWh]cb VY`ck "

@UhY gi Va]gg]cb k ]``bch VY UWWYdhYX UbX k ]``VY Wcbg]XYfYX Ug bc gi Va]gg]cb"

## GdYWU` 7cbg]XYfUh]cb

Mci WUb Udd`m Zcf gdYWU` Wcbg]XYfUh]cb h\fci[\ [H\Y Bi W`Yi g Ghi XYbh <i V](#) k\Yb ]``bYgg cf ch\Yf W]fWi a ghUbWYg ]bhYfZYfY k ]h\ mci f Ugg Ygga Ybh dYfZcfa UbWY" G]hi Uh]cbg a ][\h ]bW`i XY h\Uh gdYWU` Wcbg]XYfUh]cb VYmcbX mci f Wcbhfc`a Um.

- DfYj Ybh mci Zfca Wca d`Yh]b[ U Wci fgY fYei ]fYa Ybh
- ?YYd mci Zfca UhhYbX]b[ Ub Ugg YggUV`Y UWh]j ]hm
- Ghcd mci gi Va]hh]b[ Ub Ugg YggUV`Y k cf_ Zcf U Wci fgY
- G][b]ZWUbh`m XYWfYUgY mci f dYfZcfa UbWY cb Ub Ugg YggUV`Y k cf_ žY]h\Yf U Zcfa U` YlUa ]bUh]cbžU W`Ugg hYghžU `UVcfUhcfm hYghžU gYa ]bUf dfYgYbhUh]cb cf Ubmch\Yf Zcfa cZ Ugg Ygga Ybh

K Y Ug_ h\Uh mci d`YUgY WcbhUWh h\Y 7ci fgY 7cbj Ybcf ]a a YX]UhY`m ]omci \Uj Y Wca d`YhYX h\Y gdYWU` Wcbg]XYfUh]cb Udd`]WUh]cb ž bc``UhYf h\Ub cbY k YY_ Zfca gi Va]gg]cb"

A cfY XYhU]`g cb gdYWU` Wcbg]XYfUh]cb WUb VY Zci bX Uh [k k k .ghi XYbh.i bgk .YXi .Ui #gdYWU`!Wcbg]XYfUh]cb](#)

## Ghi XYbh Gi ddcfh

H\Y I b]j Yfg]hm UbX h\Y : UWi `hm dfcj ]XY U k ]XY fUb[Y cZ gi ddcfh gYfj ]WYg Zcf ghi XYbhgž ]bW`i X]b[.

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

Mci f¨YWi fYf UbX hY I b]j Yfg]hm k ]`¨Yl dYWimci f gi Va ]HY X Ugg][ ba Ybhg UfY hfi `mmci f ck b k cf_" I B GK \Ug j YfmWYUf [ i ]XY ]bYg cb k \Uh d U[ ]Uf]ga `]g UbX \ck hc Uj c]X ]h D U[ ]Uf]ga ]g i g]b[ h\Y k cfXg cf ]XYUg cZ ch\Yfg UbX dfYgYbh]b[ h\Ya Ug mci f ck b D U[ ]Uf]ga ]g U hmdY cZ ]bhY``YWi U` h\YZh" +hWUb hU_Y a Ubm Zcfa g ž Zca XY ]VYfUhY WUYUh]b[ h\ hc UWMJXYbhU`mWcdm]b[ Zca U gci fWY ]h\ci h UW_bck `X[ Ya Ybh H\Y I b]j Yfg]hm \Ug UXcdhYX Ub YXi WUh]j Y UddfcUW\ hc d U[ ]Uf]ga UbX \Ug XYj Y cdYX U fUb[ Y cZ fYgci fWYg hc gi ddcfhghi XYbhg "5``h\Y XYhU]`g cb d U[ ]Uf]ga ž ]bW i X]b[ gca Y i gYZ i `fYgci fWYž WUb VY Zci bX Uh [www.ghi XYbh i bgk "YXi "Ui #d U[ ]Uf]ga "](www.student.unsw.edu.au/plagiarism)

5``A ]b]b[ 9b[ ]bYYf]b[ ghi XYbhg UfY fYei ]fYX hc Wca d`YhY U ghi XYbhXYWUfUh]cb Zcf UWUXYa ]W ]W]bhY[ f]hm k \]WX ]g ci h ]bYX ]b h\Y Ugg][ ba Ybh Wcj Yf g\YYhg" 6mg][ b]b[ h\]g XYWUfUh]cb ž mci U[ fYY h\Uh mci f ck cf_ ]g mci f ck b cf][ ]bU` k cf_"

=Zmci bYYX gca Y UXX]h]cbU` gi ddcfh ]h\ mci f ck f]h]b[ g_]``ž d YUgY WcbhUWh h\Y @YUfb]b[ 7YbhfY cf j ]Yk gca Y cZ h\Y fYgci fWg cb h\Y f k YVg]hY [www.`Wi bgk "YXi "Ui "](www.lc.unsw.edu.au) H\Y @YUfb]b[ 7YbhfY ]g XUg][ bYX hc \Y`d mci ]a dfcj Y mci f UWUXYa ]Wk f]h]b[ UbX Wca a i b]WUh]cb g_]``g" Gca Y ghi XYbhg i gY h\Y 7YbhfY gYfj ]WYg VYWUi gY h\YmUfY ]bX]b[ h\Y]f Ugg][ ba Ybh U`WU`Yb[ Yž ch\Yfg VYWUi gY h\Ymk Ubh hc ]a dfcj Y Ub U`fYUXm gi WWYggZ `UWUXYa ]WdYffcfa UbW"

# Academic Information

## Course Results

For details on UNSW assessment policies please visit [www.student.unsw.edu.au/assessment](http://www.student.unsw.edu.au/assessment)

In some instances your final course result may be withheld and not released on the UNSW planned date. This is indicated by a course grade of either:

- LE – indicates you have not completed one or more items of assessment or

- VfcUXVUbX`WcbbYWh]cb`f&)*`_V]h#gYWcf`ZUghYfŁ
- UV]`]hm`hc`j]Yk`ghfYUa`]b[`j]XYc`f\][`cf``ck`XYZ]b]h]cb`I BGK `HJ `cdh]cbgŁ

A cfY`]bZcfa Uh]cb`UVci h]gmghYa `fYei ]fYa Ybhg`]g`Uj U]`UV`Y
Uh]k_k_k"ghi XYbh"i bgk"YXi "Ui #a ccX`Y!gmghYa !fYei ]fYa Ybhg

.

## 5WWYgg]b[ `7ci fgY`A UhYf]U`g`H\fci [ \`A ccX`Y

7ci fgY`ci h]bYg#gi ddcfh]a UhYf]U`g`UfY`i d`cUXYX`hc`A ccX`Yž`h\Y`i b]j Yfg]hm`ghUbXUfX`@YUfb]b[
A UbU[ Ya YbhGmghYa `f@A GŁ"`±`UXX]h]cbž`cb!`]bY`Ugg][ ba Ybh`gi Va ]gg]cbg`UfY`a UXY`i g]b[ `h\Y
Ugg][ ba YbhXfcdVci `ZUW]`]hm`dfcj]XYX`]b`A ccX`Y"`5``Ybfc``YX`ghi XYbhg`UfY`Ui hca Uh]WU``m`bWi XYX`]b

K Y˙UW̲bck˙YX[Y˙h̄Y˙6YXY[U`˙dYcd`Y˙k˙\c˙UfY˙h̄Y˙hfUX]h̄cbU`˙W̌ghcX]Ubg˙cZh̄Y˙`UbXg˙cb˙k˙\]W̌˙I B GK ?˙Ybg]b[˙h̄cb˙W̌Ua di g˙]g˙`cW̌Uh̄YX"