

5. Table 5.1 contains occupation data for the years 1986-1996 for the Local Government Area of Kensington Norwood and the Adelaide Metropolitan Area. Describe and compare the changes over time within and between these localities.

20

marks

Table 5.1: Occupation - Changes 1986-1996 for Kensington/Norwood Local Government Area and the Adelaide Metropolitan Area.

Occupation	1986		1991		1996	
	Kensington/ Norwood	Adelaide Metro	Kensington/ Norwood	Adelaide Metro	Kensington/ Norwood	Adelaide Metro
Managers & Administrators	241	22860	386	31166	420	32291
Professionals	1218	64147	1294	69600	1514	79993
Associate Professionals	389	34837	366	34917	514	48375
Trades & Related Workers	397	67843	335	61451	248	55974
Advanced Clerical & Service	283	27818	254	26537	178	17592
Intermediate Clerical, Sales & service	576	54718	655	60047	716	77543
Intermediate Production & Transport	181	38880	118	35101	138	37316
Elementary Clerical, Sales & Service	428	51848	435	51846	373	39415
Labourers & Related	277	41967	203	39431	170	38349
Inadequately described	55	5714	26	3629	13	3448
Not stated	40	3839	175	27433	53	6589
Total	4085	414471	4247	441158	4337	436885

Source: adapted from Australian Bureau of Statistics Census Data 1996

6. Using Figures 6.1 and 6.2 (over the page) describe the spatial distribution of people who journey to work by bus for the Adelaide Metropolitan Area and for the Local Government Area of Tea Tree Gully.

6
marks

7. If you were undertaking a social survey how would you determine the most appropriate way to administer the survey?

10
marks

8. Researchers undertaking social surveys often use random sampling techniques to select their respondents. What is a random sample, why is it used and what are the different types of random sampling techniques?

8

marks

9. Ethical dilemma

The Vice-Chancellor (i.e. President) of a university announced a new university commitment to helping the local region and encouraging new industrial developments. A planning research group at the same university had recently completed a major study of the region's local industrial environments. The work revealed that the region had few attractions for industry and that local government was seen by industrialists as unsympathetic to their needs. The head of the planning research team was invited to speak about the attractions of the local region at a high-profile university dinner for people who might invest in the region. It was known that national TV, radio and print media reporters would cover the event. (adapted from: Hay I & Foley P 1998: 'Ethics, Geography and Responsible Citizenship' in *Journal of Geography in Higher Education*, Vol. 22, No.2, pp169-183)

What are the ethical dilemmas faced by the researchers in this situation? How would you behave if you were in this situation, justify your response.

10 marks

10. Using the population data set out in Table 1.1, describe the changes in the size and structure of the population of Victor Harbor over the past three decades.

8 marks

Table 1.1: Victor Harbor Population by Age and Sex for the Years 1976, 1986 and 1996

Age	1971		1986		1996	
	Male	Female	Male	Female	Male	Female
0-4	87	53	218	182	256	175
5-9	77	87	200	194	303	266
10-14	99	79	193	206	273	278
15-19	67	77	209	154	214	201
20-24	93	83	163	175	193	195
25-29	63	63	219	186	186	166
30-34	45	47	209	205	220	252
35-39	47	63	181	192	297	303
40-44	60	55	155	161	262	266
45-49	49	60	123	126	225	238
50-54	63	82	134	155	193	228
55-59	75	103	204	228	192	241
60-64	68	96	251	266	251	299
65-69	81	84	243	279	334	372
70-74	*179	*226	210	272	322	357
75-79			159	190	208	283
80+			107	170	216	374
Total						

*Denotes 75yrs and over

Source: Adapted from Australian Bureau Statistics: Census data 1971; 1986; 1996