



6th International Geography Olympiad  
Brisbane, Australia

## **Fieldwork Test**

### **Part A**

Friday 30 June 2.00 - 3.15pm

## **QUESTION BOOKLET**

You may have with you stationery items, a calculator, a language dictionary, and your annotated map and notes from this morning's fieldwork.

**Answer the questions in the answer booklet provided**

**Question 1** (7 marks)

Using the data that you gathered in the field earlier today, complete a land use map of the area that you visited, showing the current uses of the area. Organize the land uses into these categories:

- Park and green space
- University
- Mixed use
- Residential
- Vacant

Include in the “Vacant” category any sites with demountable buildings, car parks, and sites where constructions are not yet above ground level.

Choosing appropriate colours, present this information on the outline map in your answer booklet.

In completing your map ensure the geographical conventions of good mapping have been observed.

**Question 2** (5 marks)

Using percentages, construct an age-sex population pyramid for the data presented in Table 1. Complete the age-sex pyramid on the graph paper provided in the answer booklet.

Ensure that you use appropriate geographical conventions in the construction of the age-sex pyramid.

Table 1. Expected population distribution in Kelvin Grove Urban Village (KGUV) on completion in 2010

Age group	Male	Female	Total
0-14	98	126	224
15-24	241	303	544
25-34	244	256	500
35-44	173	177	350
45-54	178	183	361
55-64	122	134	256
65-74	43	56	99
75+	23	32	55
Total	1122	1267	2389

(based on projections from KGUV)



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## **Fieldwork Test**

### **Part B**

Saturday 1 July 9.00 - 10.30am

## **QUESTION BOOKLET**

You may have with you stationery items, a calculator, a language dictionary, your Answer Booklet from Part A, the aerial photo distributed during the fieldwork, your annotated map and notes from this morning's fieldwork.

**Answer the questions in the answer booklet provided**

(Question 1 and 2 were in Part A)

**Question 3** (5 marks - approximately 100 words, in point form or in sentences)

Describe the demographic pattern in your completed age-sex pyramid from Question 2.

Describe the similarities and differences between the forecast population for Kelvin Grove Urban Village (in your pyramid) and the current population of the suburb of Kelvin Grove, as shown in Figure 1.

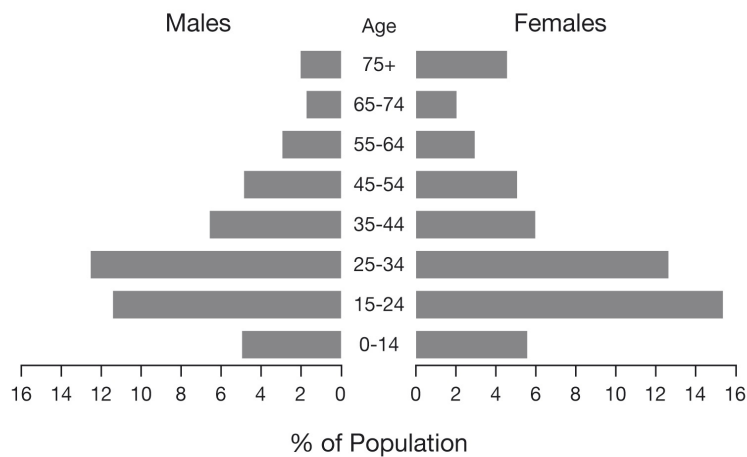


Figure 1. Age-sex data for Kelvin Grove residents at the 2001 Census. Source: Aust Bureau of Statistics

**Question 4** (5 marks - approximately 100 words, in point form or in sentences)

Describe how the current land uses shown in your completed map from Question 1, and the planned land uses shown in the map on the next page, are distributed across the Kelvin Grove Urban Village site.

Explain the distribution of these land uses. Use at least 3 influencing factors in your answer.

[In the test students received a high resolution printed copy of this map]



### Decision-making task

**Figure 2 and the text below relate to Questions 5 and 6 at the bottom of the page.**

The block highlighted in Figure 2 is approximately 950 sq metres, and has not yet been developed. There are three proposals being considered for this block:

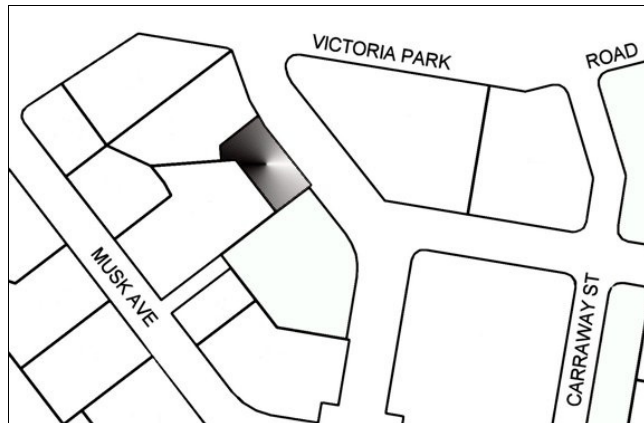


Figure 2

1. a three story building – the ground floor would be retail (for example, coffee shop, Oxfam shop, budget clothing shop); the two floors above would be single bedroom units aimed at the student market
2. a three story building – the ground floor would be a gymnasium and associated health services (for example, doctors' surgery, health food shop); the two floors above would provide space for offices for companies such as small publishing companies, technology support companies, advertising companies and the like
3. a three story building, comprising one and two bedroom units aimed at the over 55 years old market

You are required to make a decision as to the most appropriate of the three proposals.

In reaching your decision you should consider the information presented and gathered during yesterday's fieldwork, and the data in your completed land use map (from Question 1) and your age-sex pyramid (from Question 2).

#### **Question 5** (5 marks - in point form)

Evaluate the three proposals using the criteria listed below. Present your answer by completing the matrix in the answer booklet.

- the building should complement developments already completed or planned for the village
- the building should be in keeping with the idea of a sustainable urban community
- the building should not detract from the natural and social environmental qualities of the overall village community

#### **Question 6** (13 marks - approximately 250 words, in paragraphs)

Which proposal do you consider to be the most appropriate? Justify your decision in a well-structured response, referring to your evaluations presented in the matrix.



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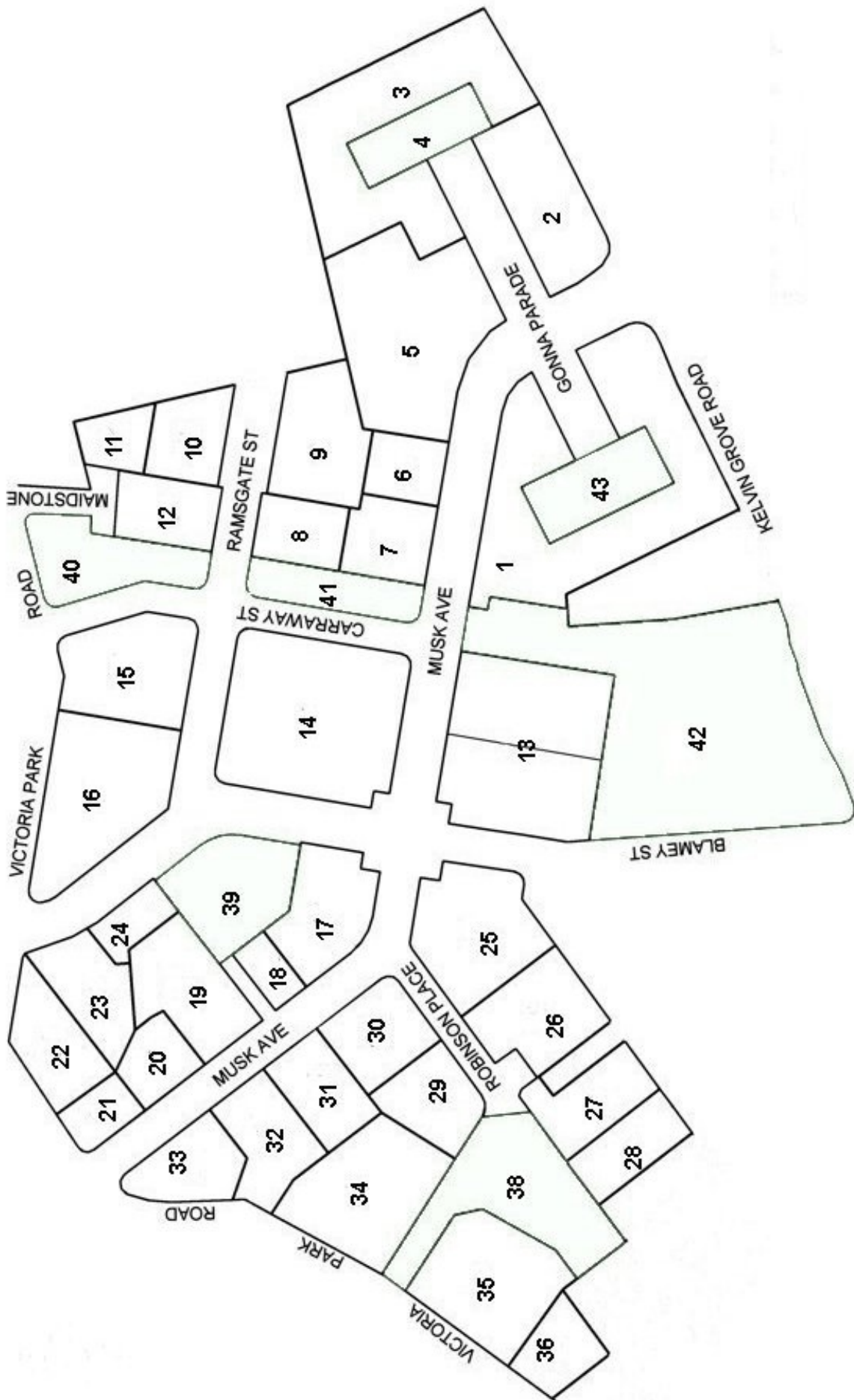
### **Part A**

Friday 30 June 2.00 - 3.15pm

## **ANSWER BOOKLET**

**Name:** -----

**Team:** -----





[graph paper]



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## **Fieldwork Test**

### **Part B**

Saturday 1 July 9.00 - 10.30am

## **ANSWER BOOKLET**

**Name:** -----

**Team:** -----



2006 International Geography Olympiad. Fieldwork Test. Part B

**Question 5.** Evaluation matrix

<p>Criteria Proposals</p>	<p>the building should complement developments already completed or planned for the village</p>	<p>the building should be in keeping with the idea of a sustainable urban community</p>	<p>the building should not detract from the natural and social environmental qualities of the overall village community</p>
<p>1. a three story building – the ground floor would be retail (for example, coffee shop, Oxfam shop, budget clothing shop); the two floors above would be single bedroom units aimed at the student market</p>			
<p>2. a three story building – the ground floor would be a gymnasium and associated health services (for example, doctors’ surgery, health food shop); the two floors above would provide space for offices for companies such as small publishing companies, technology support companies, advertising companies and the like</p>			
<p>3. a three story building, comprising one and two bedroom units aimed at the over 55 years old market</p>			

