

Surname						Other Names					
Centre Number						Candidate Number					
Candidate Signature											

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General Certificate of Education  
 January 2007  
 Advanced Level Examination



**GEOGRAPHY (SPECIFICATION B)**  
**Unit 6 The Practical Paper**

**GGB6**

Thursday 1 February 2007 1.30 pm to 3.00 pm

<p><b>You will need no other materials.</b>          You may use a calculator.</p>
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Time allowed: 1 hour 30 minutes

**Instructions**

- Use blue or black ink or ball-point pen. Use pencil only for drawing.
- Fill in the boxes at the top of this page.
- Answer **both** questions.
- Do all rough work in this book. Cross through any work you do not want to be marked.

**Information**

- The maximum mark for this paper is 50.
- The marks for questions are shown in brackets.
- You will be marked on your ability to use an appropriate form and style of writing, to organise relevant information clearly and coherently, and to use specialist vocabulary where appropriate. The legibility of your handwriting and the accuracy of your spelling, punctuation and grammar will also be considered.

For Examiner's Use			
Question	Mark	Question	Mark
1			
2			
Total (Column 1)		→	
Total (Column 2)		→	
TOTAL			
Examiner's Initials			

**There are no questions printed on this page**

Answer **both** questions.

**Total for this question: 20 marks**

- 1 (a) State the main aim of a fieldwork investigation that you have undertaken. State **either** one hypothesis **or** one research question that you set up and explain how this helped you to achieve your aim.

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*(3 marks)*

- (b) Describe **one** method that you used to analyse your data. Explain why this method was suitable for your purposes.

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**Question 1 continues on the next page**

**Turn over ►**

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*(7 marks)*

- (c) Explain how your investigation helped you to gain an understanding of the topic or the environment that you were studying.  
Your explanation should make specific references to the results that you obtained and to the conclusions that you reached.

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**Total for this question: 30 marks**

- 2 A group of students undertook a fieldwork enquiry into the proposal to build a new, larger warehouse and distribution centre for a major trans-national corporation in their town.

The group decided to investigate whether the expansion was likely to lead to short-term and long-term benefits to the area.

At present, the corporation has a warehouse in a converted factory (the factory closed in 1990) but it needs to build new premises if the business is to develop.

**Figure 1** shows some data obtained by the students about employment in the former factory and about the workforce in the warehouse. **Figure 2** is a map of the town showing the wards referred to in **Figure 1**.

**Figure 1**

Ward	Residents of ward employed at factory in 1986 Total	Residents of ward employed at warehouse 2006 Total	Number of employees/km <sup>2</sup> of ward in 2006
1	42	16	5.1
2	16	2	0.5
3	14	1	0.5
4	162	91	15.8
5	106	37	6.4
6	95	49	21.8
7	201	106	77.1
8	184	32	18.3
9	85	15	15
10	109	9	9
11	273	127	53.5
12	67	27	14.4
13	57	18	11.1
14	61	12	5.1
15	12	5	1.5
16	11	3	0.6
<b>Total</b>	<b>1495</b>	<b>550</b>	

(a) Present the data for the number of employees/km<sup>2</sup> of each ward in 2006 (**Figure 1**) in the form of a choropleth map, using four classes of data.

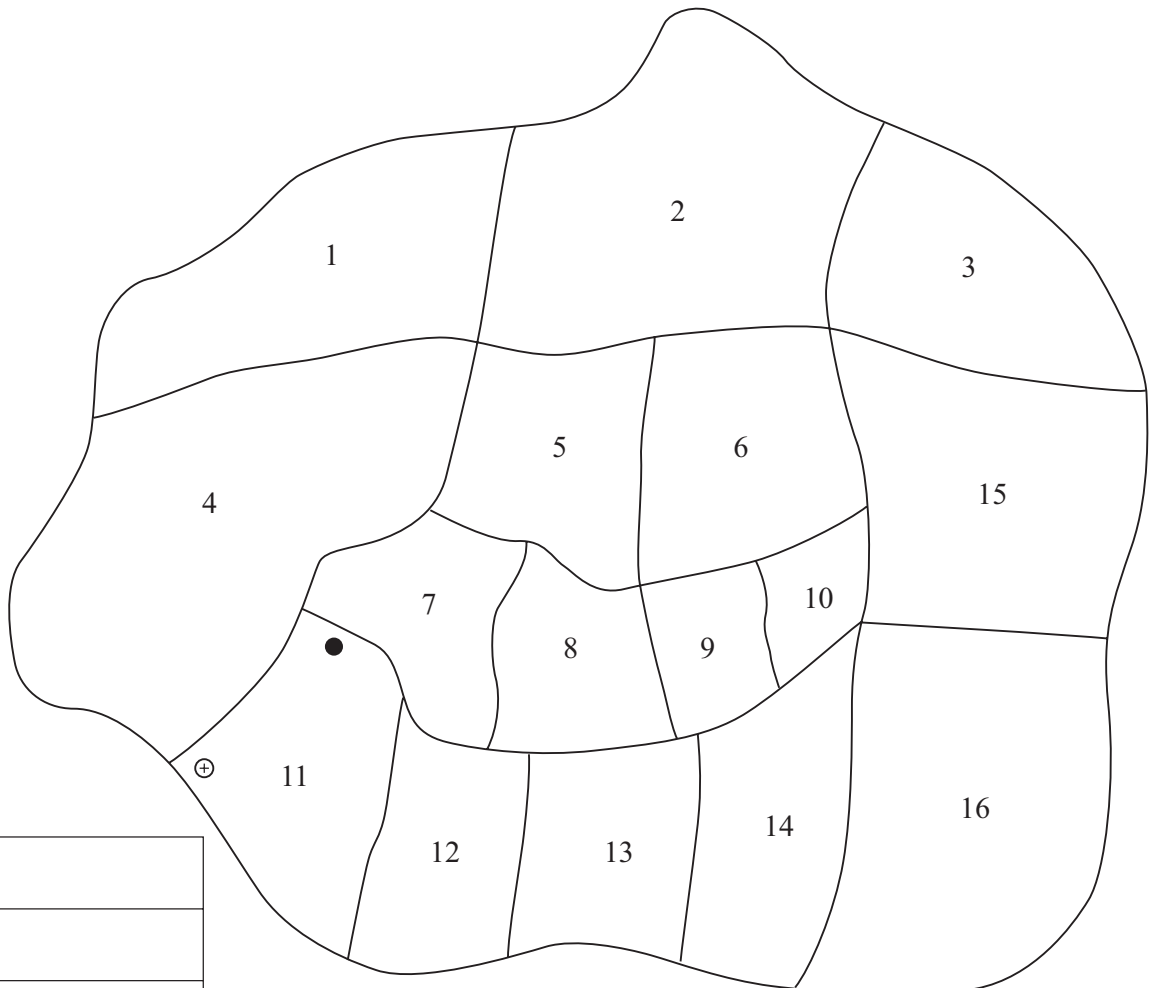
(i) Give the class boundaries that you will use.

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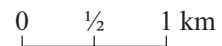
(2 marks)

(ii) Complete the map, **Figure 2**, using the classes that you gave in (a)(i).

**Figure 2**




Key	
●	Existing warehouse
⊕	Proposed new, larger warehouse



**Question 2 continues on the next page**

(6 marks)

**Turn over** ►





(iv) Comment on the nature of the changes in employment since 1986.

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*(4 marks)*

**Question 2 continues on the next page**

**Turn over ►**

- (b) The students then decided to carry out a questionnaire survey of their own to assess the attitude of the population to the possible construction of a new, larger warehouse and distribution centre. The proposed site is shown in **Figure 2**.

They decided to survey a sample of people from the four wards closest to the proposed site.

The group of students divided into four pairs, and each pair was responsible for carrying out the survey in one of the wards. The students had one afternoon available to complete their survey.

- (i) Describe **two** methods of sampling the population that they could use to select interviewees to ensure they had a representative sample of the ward's population.

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(6 marks)

(ii) Which of the two methods that you suggested in (b)(i) would better suit their purpose?

Explain your choice.

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(6 marks)

      
**30**

**END OF QUESTIONS**

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