

Surname		Other Names	
Centre Number		Candidate Number	
Candidate Signature			

For Examiner's Use

General Certificate of Education
June 2008
Advanced Level Examination



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

GGB6

Wednesday 18 June 2008 9.00 am to 10.30 am

For this paper you must have:

- the Ordnance Survey map extract (enclosed)
- one sheet of plain A4 paper that may be used in answering question 2(a)(ii) and 2(a)(iii) (enclosed).

You may use a calculator.

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

Time allowed: 1 hour 30 minutes

Instructions

- Use black ink or black ball-point pen. Use pencil only for drawing.
- Fill in the boxes at the top of this page.
- Answer **both** questions.
- You must answer the questions in the spaces provided.
Answers written in margins or on blank pages will not be marked.
- 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.



Answer **both** questions.

Total for this question: 20 marks

1 (a) State the main aim of a fieldwork investigation that you have undertaken.

State a hypothesis or research question that you set up, and explain how this helped you to achieve your main aim.

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(3 marks)

1 (b) Describe **one** method that you used to analyse your data.

Explain why this method was suitable for your purpose.

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(7 marks)

Question 1 continues on the next page

Turn over ▶



1 (c) Explain how your investigation helped you to gain an understanding of the topic that you were studying.

Your explanation should make specific references to the results that you obtained and to the conclusions that you reached.

A series of 20 horizontal dotted lines providing space for a student's response.



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(10 marks)

20

Turn over for the next question

Turn over ▶



Total for this question: 30 marks

2 An A Level student was asked to analyse the distribution of woodland in the area of the OS map extract provided.

2 (a) **Figures 1a** and **1b** show cross-sections drawn across the valley of the Afon Rheidol. **Figure 1a** was drawn along the line **UV** marked on the OS map extract. **Figure 1b** was drawn along the line **WX** marked on the OS map extract.

Figure 1a

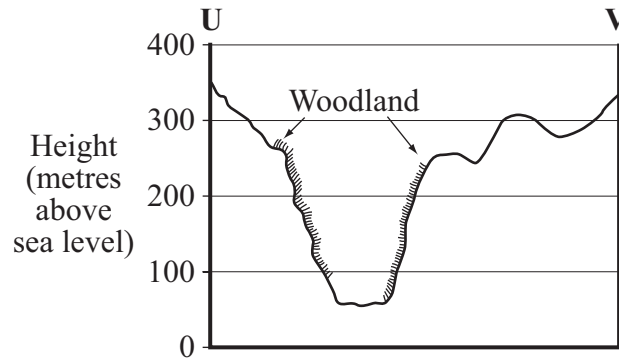
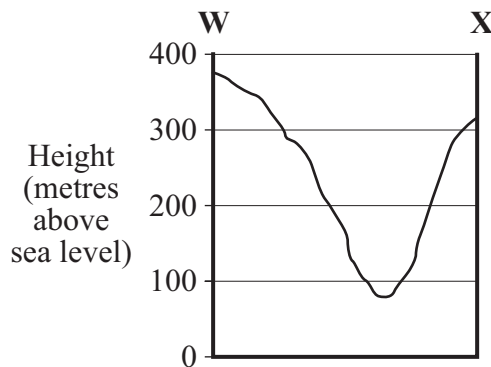


Figure 1b



Note: on all cross-sections in **Figures 1a, 1b** and **2**, the horizontal scale is the same as on the OS map extract.

2 (a) (i) Give the six-figure grid reference for each end of the cross-section at points **U** and **V**.

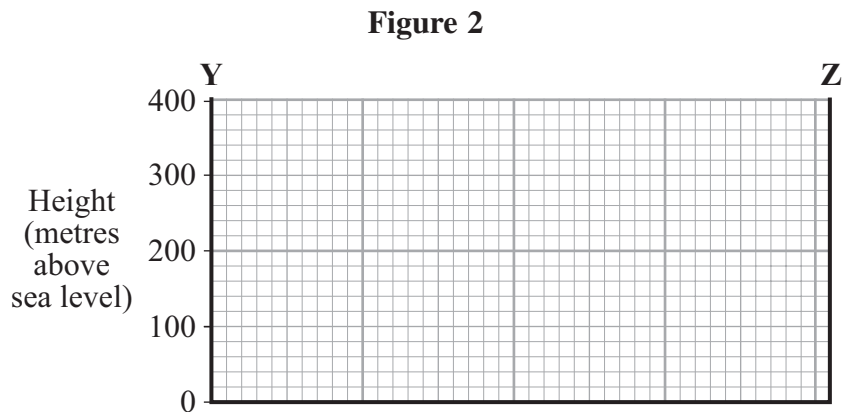
U

V

(2 marks)



- 2 (a) (ii) A line **YZ** is also marked on the OS map extract. Complete **Figure 2** by drawing an accurate cross-section from **Y** to **Z**.



(8 marks)

- 2 (a) (iii) Areas of woodland have been marked and shaded on **Figure 1a**. Mark and shade on **Figures 1b** and **2** all the parts of the cross-sections that are covered by woodland.

(4 marks)

- 2 (b) (i) The student decided to test the hypothesis 'As the height of the land increases there is an increased likelihood of the land being used for woodland'.

Give a null hypothesis that the student could use whilst doing statistical tests for this hypothesis.

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(1 mark)

Question 2 continues on the next page

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2 (b) (ii) The student decided to sample land use and height at 100 points on the OS map extract.

There are several possible ways of sampling points from the map.

Consider a range of sampling techniques that could be used, and decide which one would be most suitable. Justify your choice.

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(7 marks)



2 (b) (iii) When the student carried out her survey, she produced the results shown in **Figure 3**.

Figure 3

Height (metres above sea level)	Woodland (number of points)	Not woodland (number of points)
0 – 49	2	14
50 – 99	4	13
100 – 149	4	13
150 – 199	2	9
200 – 249	3	7
250 – 299	1	6
300 – 349	4	11
350 – 399	1	4
400 – 499	1	1
	22	78

Using the information on the map extract and in **Figures 1, 2 and 3**, comment on the distribution of woodland in the area of the map extract.

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(8 marks)

30

END OF QUESTIONS



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