

Surname						Other Names					
Centre Number						Candidate Number					
Candidate Signature											

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General Certificate of Secondary Education
June 2004

GEOGRAPHY (SPECIFICATION B) (SHORT COURSE)
HIGHER TIER **3037/H**
Written Paper



H

Monday 7 June 2004 9.00 am to 10.15 am

In addition to this paper you will require:

- the Ordnance Survey map extract (enclosed);
- the insert (enclosed).

You may use a calculator.

For Examiner's Use			
Number	Mark	Number	Mark
1			
2			
3			
4			
5			
6			
7			
8			
9			
Total (Column 1)	→		
Total (Column 2)	→		
TOTAL			
Examiner's Initials			

Time allowed: 1 hour 15 minutes

Instructions

- Use blue or black ink for written answers. You may use pencil for maps, diagrams and graphs.
- Fill in the boxes at the top of this page.
- Answer **all** questions in the spaces provided.
- Do all rough work in this book. Cross through any work you do not want marked.

Information

- The maximum mark for this paper is 70 marks.
- Mark allocations are shown in brackets.
- You will be assessed 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.
- An LEDC is a Less Economically Developed Country.
- An MEDC is a More Economically Developed Country.

3037/H

SECTION A – THE UNITED KINGDOMAnswer **all** questions.**1****Total for this question: 4 marks**Study the Ordnance Survey map extract, **Figure 1**, showing part of South Wales.

- (a) What is found at grid reference 754974?

.....
(1 mark)

- (b) Study grid squares 7603, 7199, 7391 and 7892. Complete the table below by writing:

- (i) the correct grid square against each description;
(ii) a description for square 7391.

GRID SQUARE	DESCRIPTION
	A built up area on the side of a steep sided river valley.
	A steep sided hill reaching 418 metres, much of which is covered by coniferous forest.
7391	

(3 marks)

4

3

Total for this question: 4 marks

Study **Figure 3** which shows a manufacturing industry as a system.

Inputs	Processes	Outputs
.....

Figure 3

(a) Complete **Figure 3** by adding **one** example under each heading.

(3 marks)

(b) Explain the meaning of the term “processes”.

.....
.....

(1 mark)

4

SECTION B – THE EUROPEAN UNION

Answer **all** questions.

4

Total for this question: 11 marks

Study **Figure 4** which gives some correct and some incorrect information about the climate of Mediterranean Spain.

Average January temperature	0° C	5° C	10° C
Average July temperature	10° C	20° C	30° C
Season with lowest rainfall	Winter	Summer	

Figure 4

(a) Circle the correct temperatures and season in **Figure 4**.

(3 marks)

(b) Explain how economic factors in both Mediterranean Spain and in other parts of Europe are important for the development of the tourist industry in Mediterranean Spain.

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(4 marks)

QUESTION 4 CONTINUES ON THE NEXT PAGE

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(c) Describe the effects of tourism on the environment of Mediterranean Spain.

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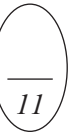
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(4 marks)



SECTION C – THE WIDER WORLD

Answer **all** questions.

6

Total for this question: 11 marks

Study **Figure 5** which shows a climate graph of a location in the Ganges Delta.

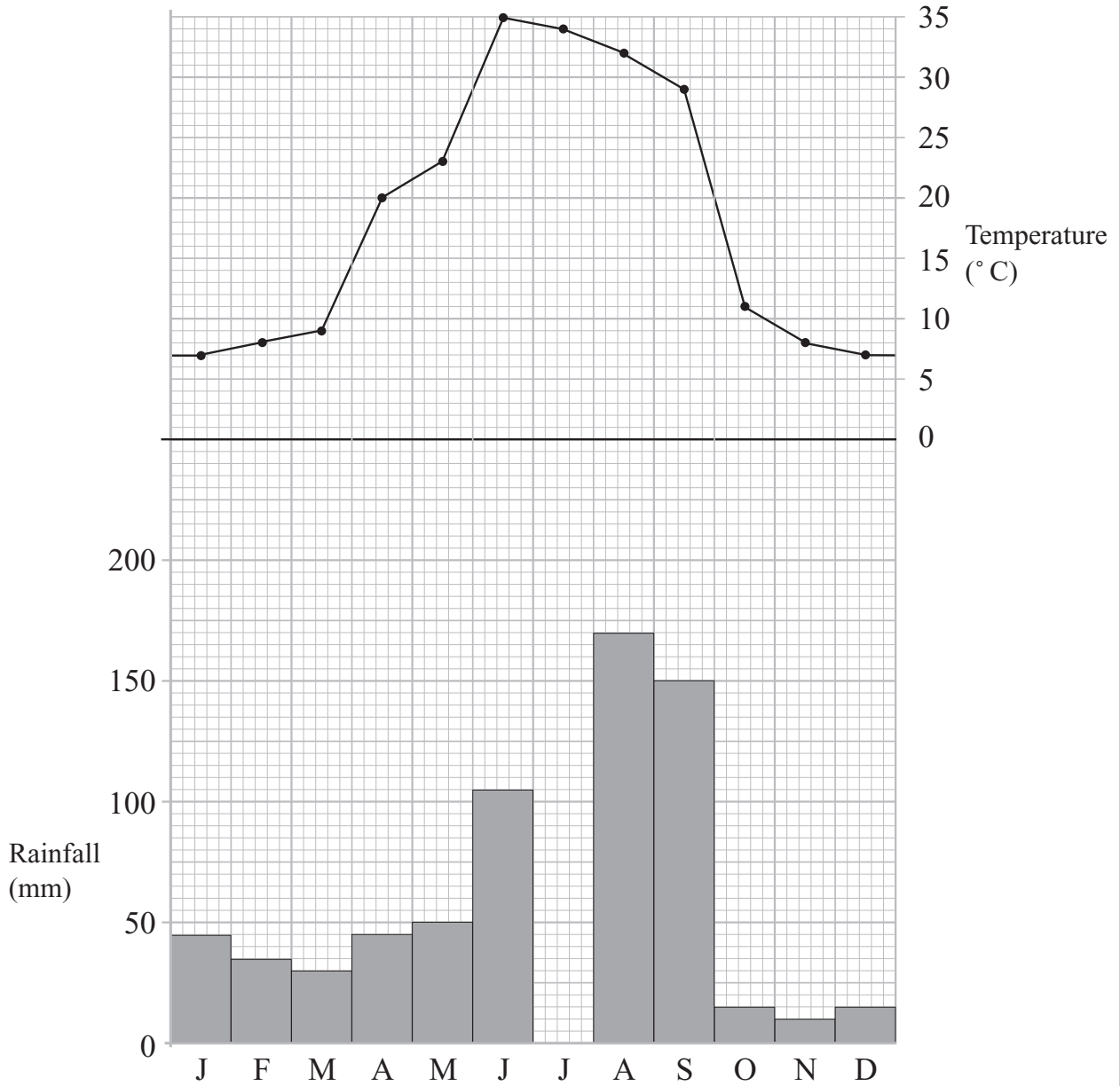


Figure 5

(a) Complete the graph by plotting the rainfall total of 165 mm in July.

(1 mark)

(b) What was the temperature in April?

.....
(1 mark)

(c) The year in the Ganges Delta is divided into the following seasons:

hot and wet cool and dry hot and dry

Divide the year up into these seasons by drawing vertical lines on **Figure 5** and naming each season.

(3 marks)

(d) Study **Figures 6A** and **6B** which are two maps of the Indian sub-continent.

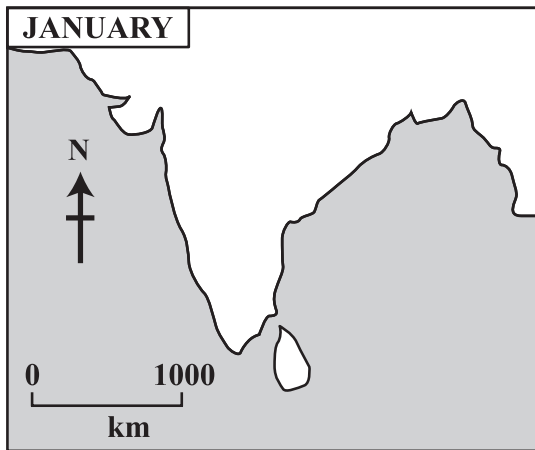


Figure 6A

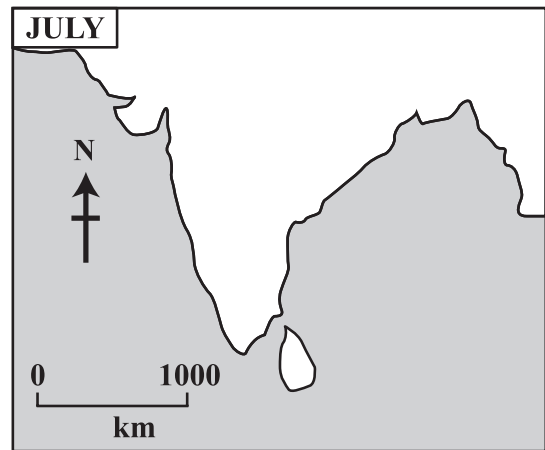


Figure 6B

On **Figure 6A** draw an arrow to show the direction that the winds blow in January.

On **Figure 6B** draw an arrow to show the direction that the winds blow in July.

(2 marks)

(e) Explain why the Ganges Delta has a wet season.

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(4 marks)

Turn over ►

7

Total for this question: 6 marks

- (a) Between 2000 and 2025 the birth rate in India and Bangladesh is expected to drop from 25 per 1000 to 16 per 1000.

What is meant by the “birth rate”?

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(2 marks)

- (b) Explain why there is likely to be a fall in the birth rate in India and Bangladesh by 2025.

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(4 marks)

6

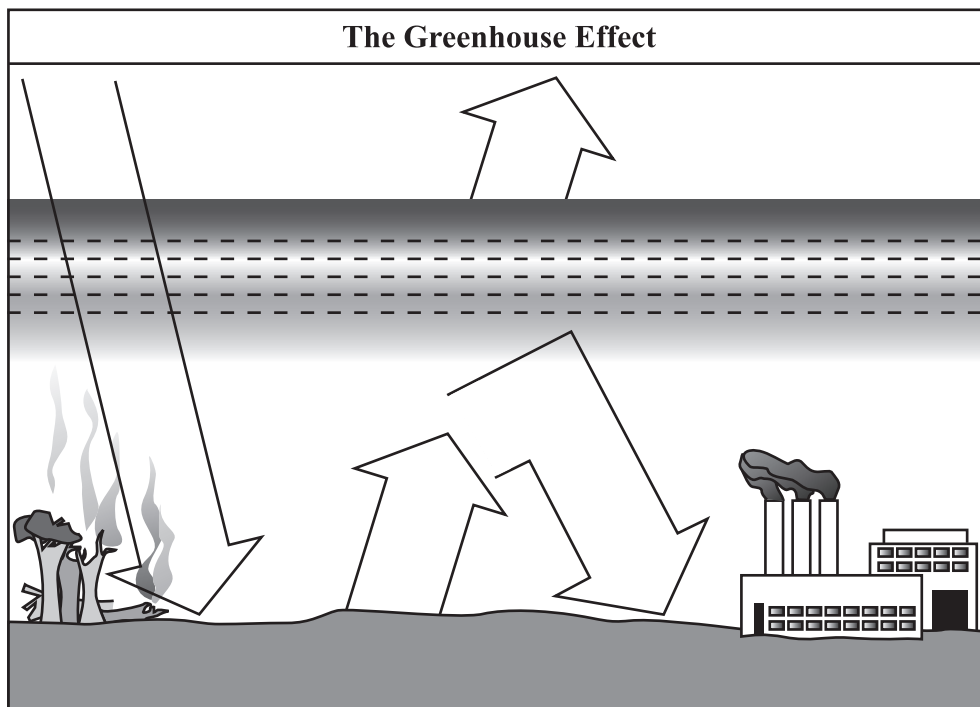
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SECTION D – GLOBAL ISSUESAnswer **all** questions.**8****Total for this question: 11 marks**

- (a) **Figure 7** shows the Greenhouse Effect. Add 7 labels to show how the burning of fossil fuels causes the Greenhouse Effect.

**Figure 7***(7 marks)*

(b) The Greenhouse Effect causes global warming.

(i) Explain how global warming could affect an area such as the Ganges Delta.

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(2 marks)

(ii) Explain how the use of renewable energy can reduce global warming.

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(2 marks)

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