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Centre Number		Candidate Number	
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General Certificate of Secondary Education
June 2004



**GEOGRAPHY (SPECIFICATION B) (SHORT COURSE)
FOUNDATION TIER
Written Paper**

3037/F

F

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 resource booklet (enclosed).

You may use a calculator.

For Examiner's Use			
Number	Mark	Number	Mark
1			
2			
3			
4			
5			
6			
7			
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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.
- 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/F

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) Give the 4 figure reference for Junction 44 on the M4.

.....
(1 mark)

- (b) Study grid squares 7391, 7095, 7603, 7091 and 7892.

Complete the table below by writing the correct grid square against each description. One has been done for you.

GRID SQUARE	DESCRIPTION
7391	A flat coastal area covered by houses and a chemical works.
	A steep sided hill reaching 418 metres, much of which is covered by coniferous forest.
	A built up area on the side of a steep sided river valley.
	An area of oil storage tanks on a gently sloping area next to an area of marsh.

(3 marks)

2

Total for this question: 9 marks

Study **Figures 2A** and **2B** in the resource booklet. **Figure 2A** is a map showing part of the Lake District. **Figure 2B** is a simplified contour map of part of the same area.

(a) Use both maps to complete the table. Use the correct words from the following list:

- Riggindale Crag glacial trough Kidsty Howes
- ribbon lake arête Blea Water

	GLACIAL FEATURE	EXAMPLE
A		Haweswater
B	Lake in a corrie	
C		
D		

(5 marks)

(b) Explain the formation of a corrie.

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(4 marks)



TURN OVER FOR THE NEXT QUESTION

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3

Total for this question: 6 marks

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

Inputs	Processes	Outputs
Energy: salt limestone electricity Human: money labour	Cooling Burning Washing	Chemicals Plastics Waste Industrial gases
<div style="border: 1px solid black; height: 40px; width: 100%;"></div>	<div style="border: 1px solid black; height: 40px; width: 100%;"></div>	<div style="border: 1px solid black; height: 40px; width: 100%;"></div>

Figure 3

(a) Add the following labels to the boxes in **Figure 3**.

You must decide if these are inputs, processes or outputs.

Products

Raw Materials

Refining

(2 marks)

(b) What is the meaning of the term “raw materials”?

.....
.....

(1 mark)

(c) What is the meaning of the term “processes”?

.....
.....
.....
.....

(2 marks)

(d) Why are some “outputs”, such as waste, a problem for a manufacturing industry?

.....
.....

(1 mark)

SECTION B – THE EUROPEAN UNION

Answer **all** questions.

4

Total for this question: 13 marks

Study **Figure 4**.

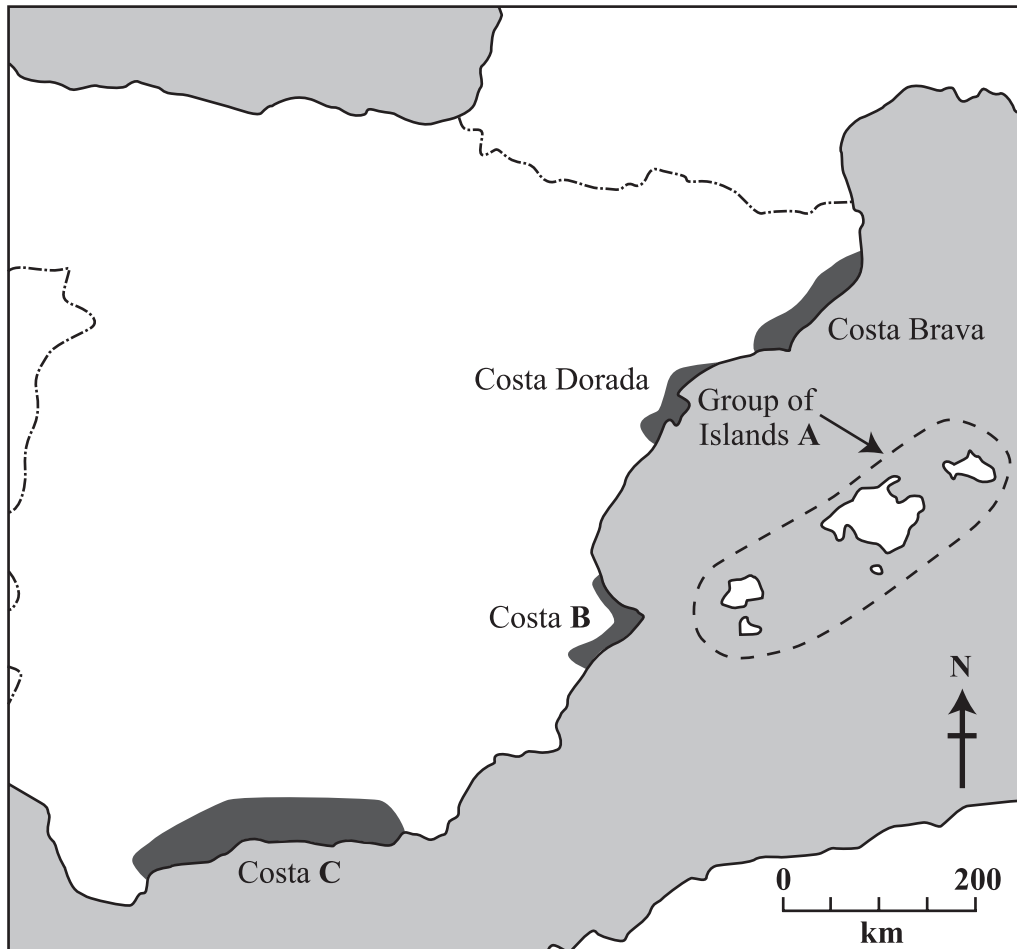


Figure 4

(a) Name the following.

Group of Islands A

Costa B

Costa C

(3 marks)

QUESTION 4 CONTINUES ON THE NEXT PAGE

Turn over ►

(b) Describe **two** climatic features that have led to the growth of tourism in Mediterranean Spain.

1

.....

2

.....

(2 marks)

(c) Describe **two** economic factors that have led to the growth of tourism in Mediterranean Spain.

1

.....

2

.....

(2 marks)

(d) Study **Figure 5** in the resource booklet, which is a photograph taken in a Spanish tourist resort on the Mediterranean coast of Spain.

Use the photograph and your own studies to describe the effect of the growth of tourism on the environment of Mediterranean Spain.

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(4 marks)

(e) Recently the number of tourists visiting Mediterranean Spain has fallen.

Give **two** effects of this on the economy.

1

.....

2

.....

(2 marks)

5

Total for this question: 4 marks

Choose **one** of the following conurbations:

- Rotterdam/Europoort;
- the Ruhr conurbation;
- the Paris region;
- the Milan/Turin/Genoa industrial triangle.

Name of your chosen conurbation

Describe a planning issue in your chosen conurbation.

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(4 marks)



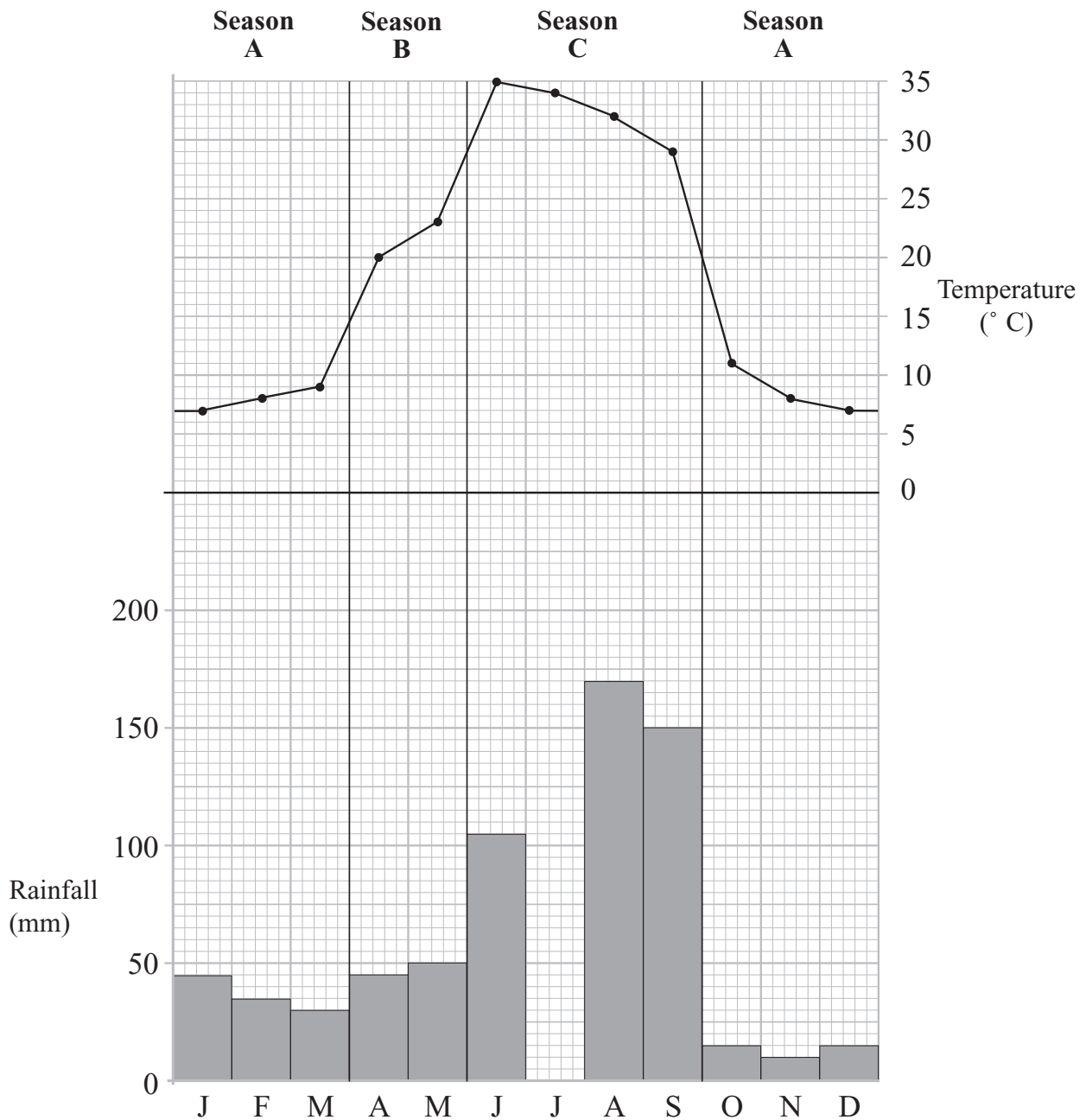
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SECTION C – THE WIDER WORLD

Answer **all** questions.

6

Total for this question: **11 marks**Study **Figure 6** which shows a climate graph of a location in the Ganges Delta.**Figure 6**

- (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) Three seasons are marked on the graph, A, B and C.

The year in the Ganges Delta is divided into the seasons.

Write the correct description for each season. Choose from the following list:

hot and wet cool and dry hot and dry cool and wet

A

B.....

C

(3 marks)

(d) Study **Figures 7A** and **7B** which show two maps of the Indian sub-continent.

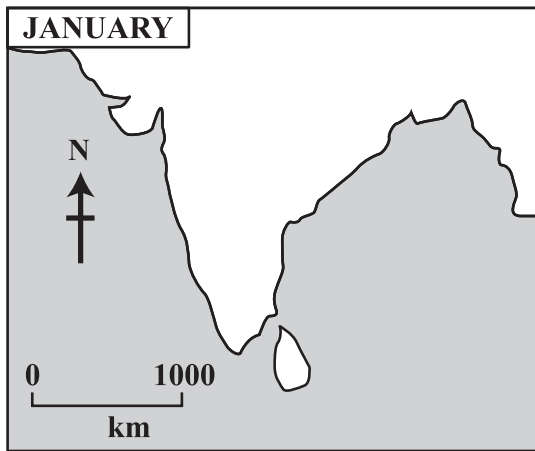


Figure 7A

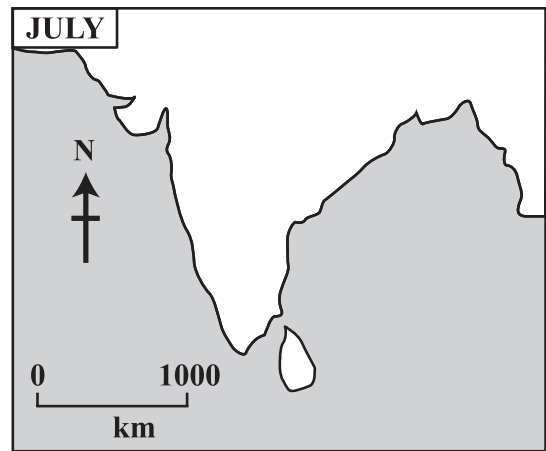


Figure 7B

On **Figure 7A** draw an arrow to show the direction that the winds blow in January.

On **Figure 7B** draw an arrow to show the direction that the winds blow in July.

(2 marks)

(e) Give **two** reasons why the Ganges Delta has a wet season.

1

.....

.....

.....

2

.....

.....

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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”?

.....

.....

.....

.....

(2 marks)

- (b) Study **Figure 8** which shows why the birth rate in India and Bangladesh is falling.

- | |
|--|
| <ul style="list-style-type: none"> ● Improved education ● Family planning ● Careers for women ● Improved health care |
|--|

Figure 8

Choose any **two** factors shown in **Figure 8** and explain why each of them causes lower birth rates.

Factor 1

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Factor 2

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(4 marks)

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SECTION D – GLOBAL ISSUESAnswer **all** questions.**8****Total for this question: 6 marks**

The United Nations recommends that rich countries should give 0.7% of their Gross National Product as official aid to poor countries.

Study **Figure 9** which shows the official aid given by the richest countries.

Country	Percentage of GNP given as aid
Denmark	0.94
Norway	0.82
Sweden	0.80
Netherlands	0.74
France	0.56
Canada	0.38
Australia	0.34
Switzerland	0.34
Belgium	0.33
Austria	0.31
Germany	0.30
Finland	0.29
UK	0.28
Japan	0.27
Spain	0.23
Italy	0.20
USA	0.12

Figure 9

(a) What is “official aid”?

.....
.....

(1 mark)

(b) How many countries meet the United Nations’ target for giving official aid?

.....

(1 mark)

(c) Describe **one** development project in an LEDC that has been helped with aid from overseas.

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(4 marks)

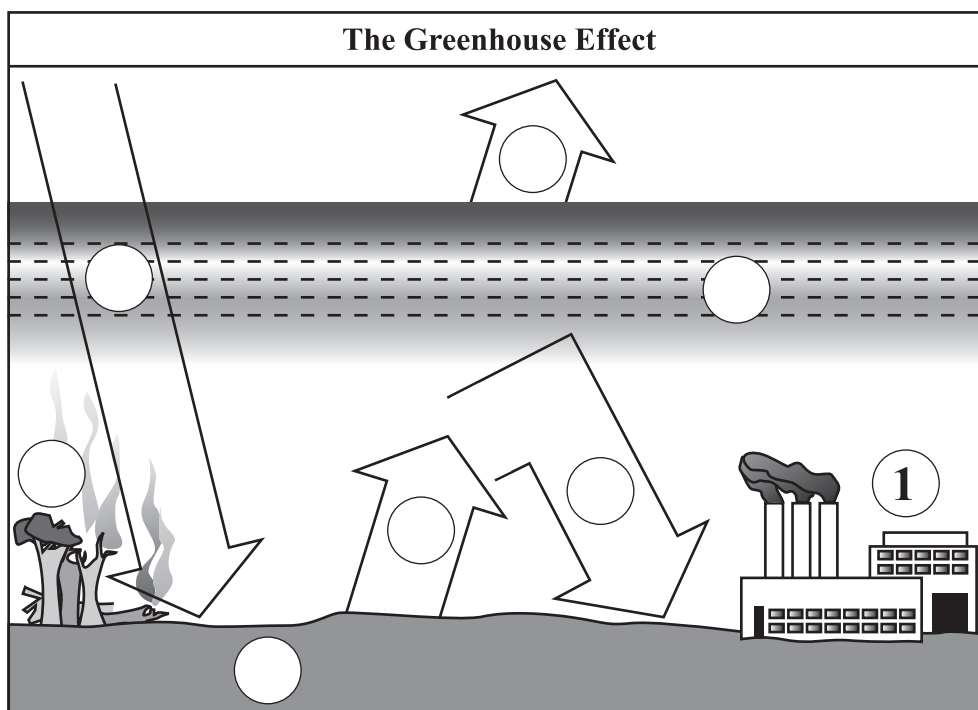
6

TURN OVER FOR THE NEXT QUESTION

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9

Total for this question: 11 marks

Study **Figure 10** which shows factors affecting the Greenhouse Effect.**Figure 10**

(a) Put 1-8 in the circles above to match the phrases below. One has been done for you.

- 1 Burning fossil fuels.
- 2 Destroying the rainforest.
- 3 Heat radiated back into the atmosphere.
- 4 Heat is kept within the atmosphere.
- 5 Incoming sun's energy.
- 6 Some heat escapes to space.
- 7 Earth's surface absorbs energy.
- 8 Greenhouse gases.

(7 marks)

(b) The Greenhouse Effect causes global warming.

(i) Explain how global warming will affect an area like 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)

END OF QUESTIONS

THERE ARE NO QUESTIONS PRINTED ON THIS PAGE

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Question 4 Figure 5 The Spanish National Tourist Office

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