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Centre Number		Candidate Number	
Candidate Signature			

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General Certificate of Secondary Education
June 2003



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

Monday 2 June 2003 Morning Session

H

In addition to this paper you will require:

- the Ordnance Survey map extract.
You may use a calculator.

The OS map extract of Edinburgh city is not reproduced here due to third-party copyright constraints. The full copy of this paper can be obtained by ordering 3037/H from AQA Publications Tel: 0161 953 1170

For Examiner's Use			
Number	Mark	Number	Mark
1			
2			
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9			
10			
11			
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 booklet. 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.

SECTION A – THE UNITED KINGDOM

Answer **all** questions.

1

Total for this question: 3 marks

In the following questions tick:

- A if **one** of the answers is correct;
B if **two** of the answers are correct;
C if **all** the answers are correct.

(a) A glacial erosion process is

- suspension.
plucking.
abrasion.

A B C

(1 mark)

(b) A corrie

- has steep back walls.
has a rock lip.
often contains a lake.

A B C

(1 mark)

(c) The land in a National Park is

- not allowed to be built upon.
only used for tourism.
protected because of its beauty.

A B C

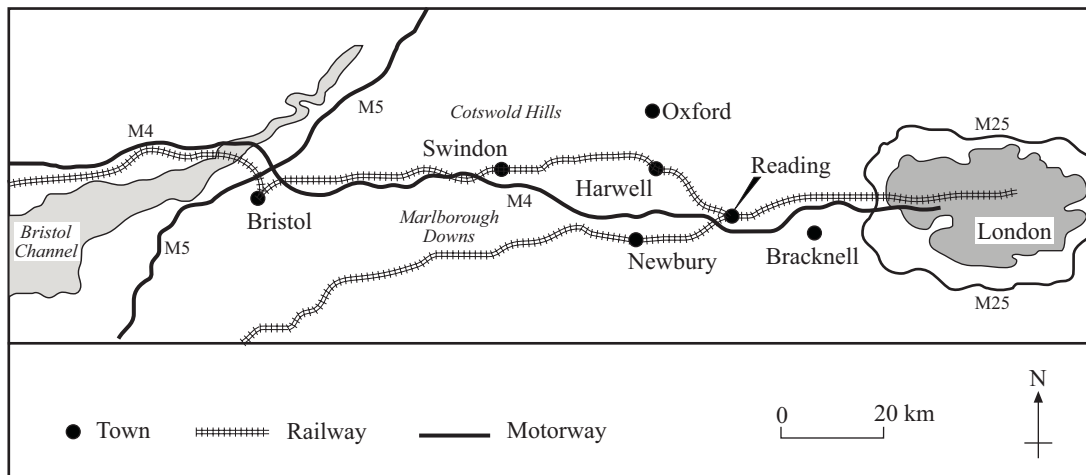
(1 mark)

<hr/> 3

2

Total for this question: 4 marks

Annotate **Figure 1** to show why high-tech industries have developed along the M4 corridor shown on this map.

**Figure 1***(4 marks)*

4

TURN OVER FOR THE NEXT QUESTION**Turn over ▶**

3

Figure 2 is not included due to third-party copyright constraints.

Total for this question: 12 marks

Study **Figure 2**, the Ordnance Survey map extract showing the city of Edinburgh in Scotland.

(a) (i) What sport is played at 288751?

.....
(1 mark)

(ii) What direction is the Royal Observatory at 259706 from grid reference 288751?

.....
.....
(1 mark)

(iii) Describe the difference between the layout of the streets in squares 2574 and 1875.

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(2 marks)

(b) Central Leith is part of the inner city area of Edinburgh.

Why are inner city areas like Central Leith in decline?

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(4 marks)

(c) The area around a large urban area such as Edingburgh is changing. Describe the developments that are taking place in the rural-urban fringe of any urban area.

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(4 marks)

12

TURN OVER FOR THE NEXT QUESTION

Turn over ▶

SECTION B – EUROPEAN UNION

Answer **all** questions.

4

Total for this question: 4 marks

Study **Figure 3** which shows the difference in wealth in different parts of some EU countries.

Figure 3 is not reproduced here due to third-party copyright constraints.

(a) What is meant by GNP?

.....
.....

(1 mark)

(b) The richest parts of these EU countries are part of the ‘core’.

State **two** other characteristics of a core region.

1

2

(2 marks)

(c) Name **one** area in the periphery of the European Union.

.....

(1 mark)

4

5

Total for this question: 3 marks

Study **Figure 4** which shows the temperature and rainfall of the Balearic Islands in Mediterranean Spain.

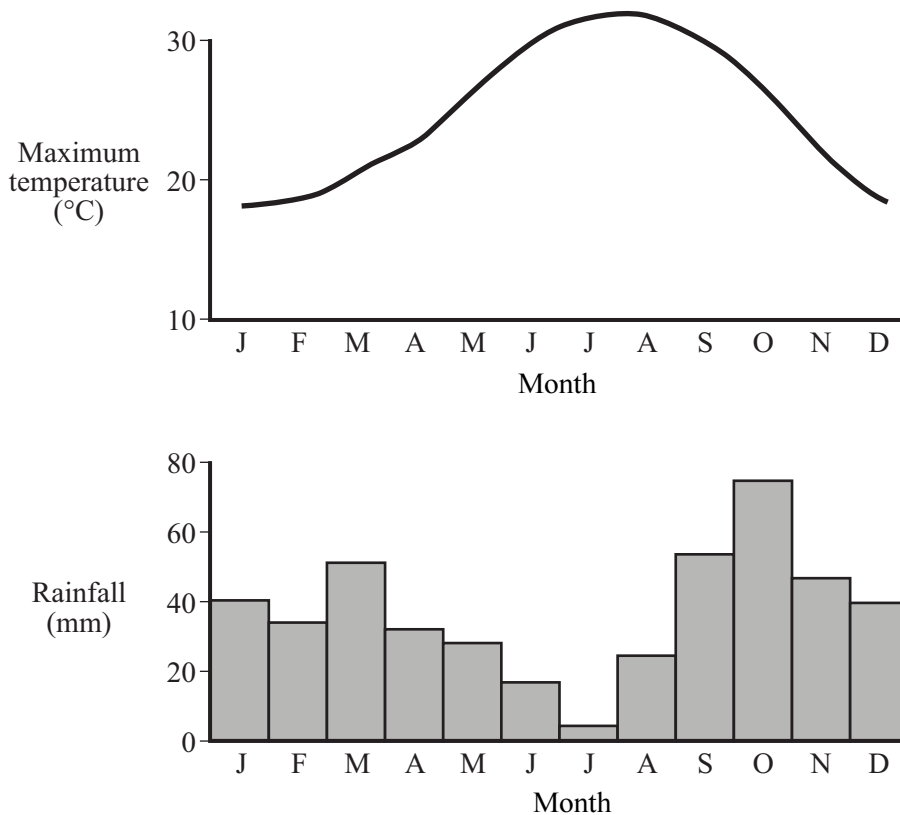


Figure 4

Use **Figure 4** to explain why the climate has encouraged the growth of tourism in these islands.

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(3 marks)

3

TURN OVER FOR THE NEXT QUESTION

Turn over ▶

6

Total for this question: 10 marks

Figure 5 gives details of four conurbations in Europe.

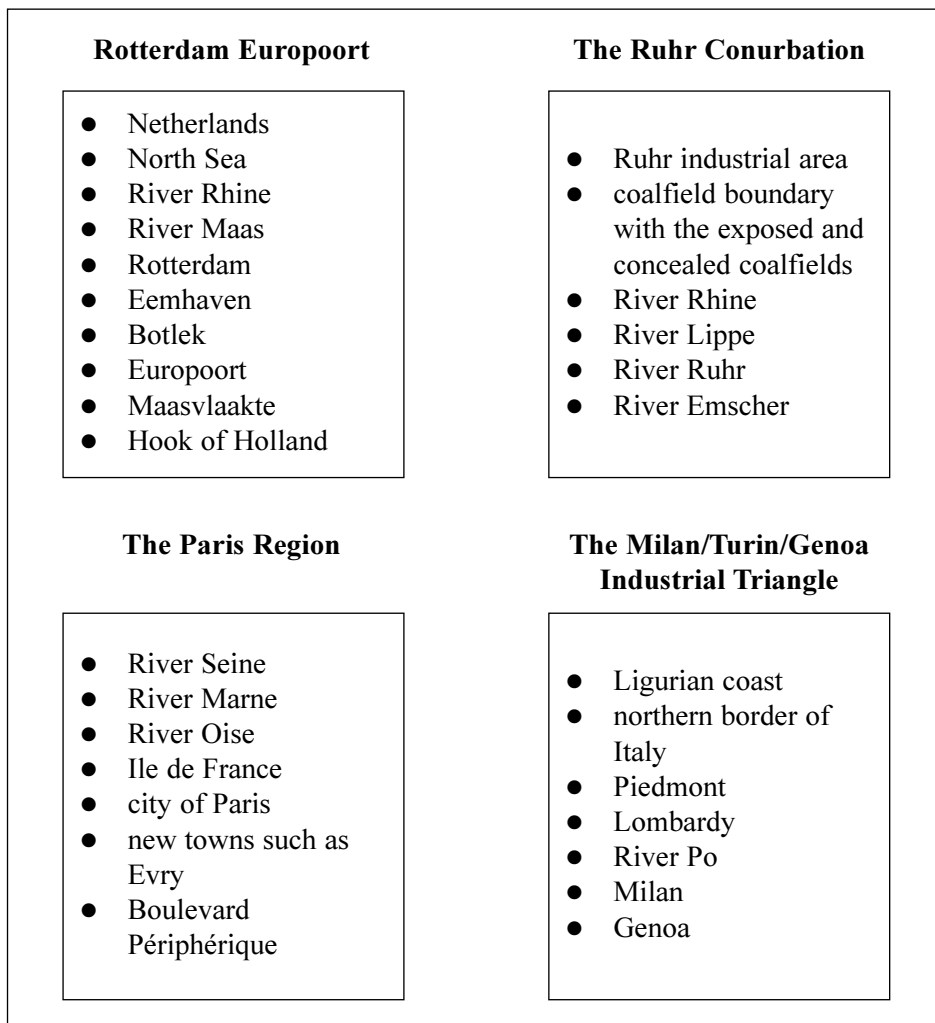
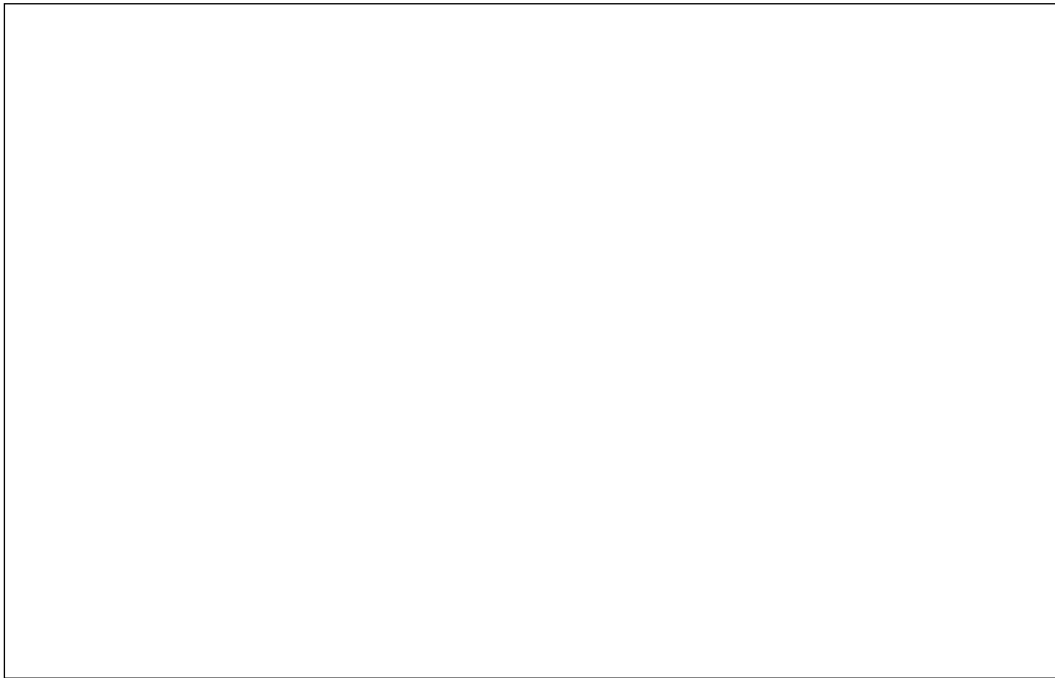


Figure 5

(a) Choose the conurbation that you have studied.

Use the information in **Figure 5** to help you draw a sketch map in the box below.
Show at least **three** features of your chosen conurbation.



(4 marks)

(b) Explain the growth of your chosen conurbation.

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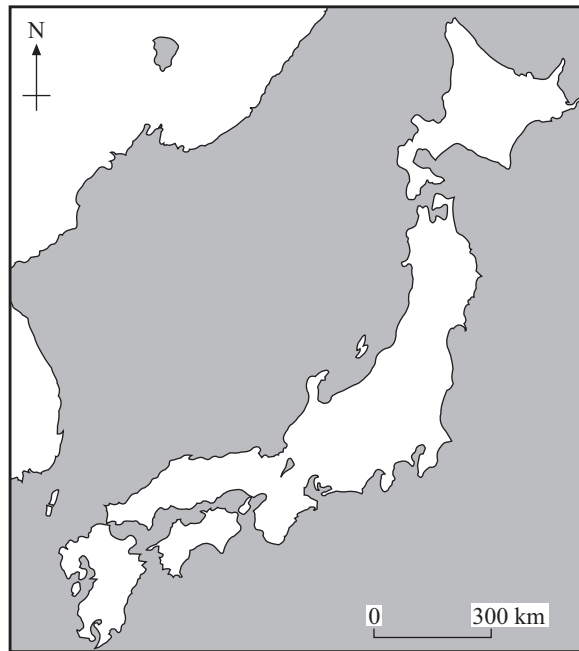
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(6 marks)

SECTION C – THE WIDER WORLDAnswer **all** questions.

7

Total for this question: 4 marksStudy **Figure 6**, an outline map of Japan.**Figure 6**Mark and label each of the following on **Figure 6**:**Shikoku****Honshu****Tokyo****The Sea of Japan***(4 marks)*

—
4

8

Total for this question: 3 marks

Study **Figure 7**, showing areas of low population density in Japan.

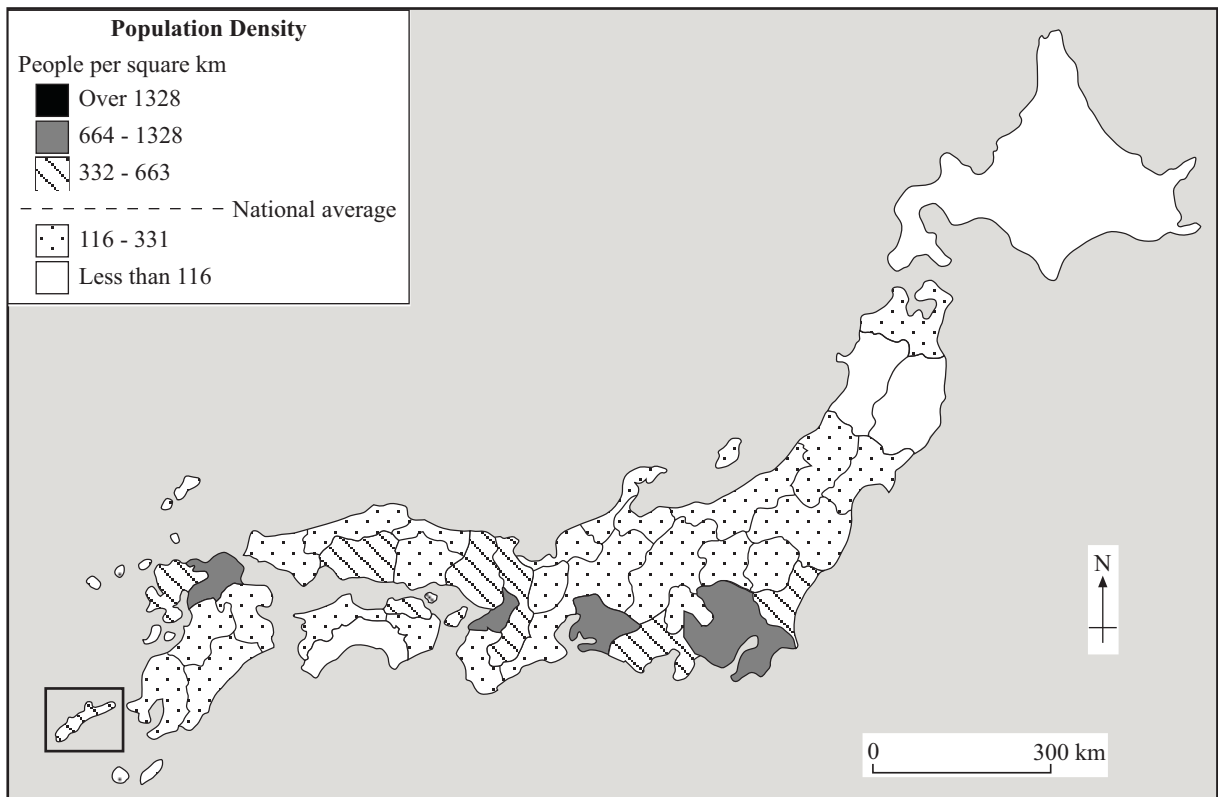


Figure 7

Give **three** reasons for the distribution of population as shown in **Figure 7**.

- 1
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- 2
-
- 3
-

(3 marks)

3

TURN OVER FOR THE NEXT QUESTION

Turn over ▶

9

Total for this question: 10 marks

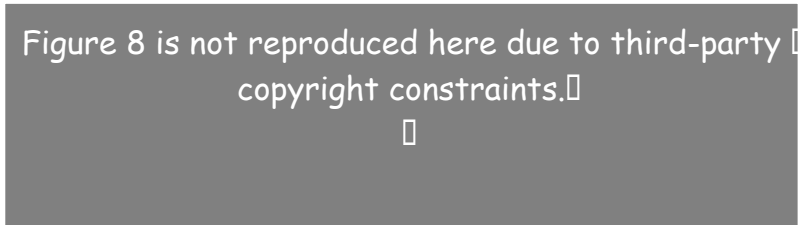
The Ganges Delta is an important area for subsistence rice farming.

(a) Explain why rice grows well in the tropical monsoon climate of the Ganges Delta.

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(2 marks)

Study **Figure 8** which shows the effect of the Green Revolution on a rice farmer in the Ganges Delta.



(b) Suggest why the farmer in **Figure 8A** is likely to be poor.

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(2 marks)

(c) Explain how the Green Revolution has changed people's lives and the environment in the Ganges Delta.

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(6 marks)

10

TURN OVER FOR THE NEXT QUESTION

Turn over ▶

SECTION D – GLOBAL ISSUES

Answer **all** questions.

10

Total for this question: 7 marks

(a) What is meant by the greenhouse effect?

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(2 marks)

(b) What is a fossil fuel?

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.....

(1 mark)

(c) Explain why the burning of fossil fuels is not sustainable.

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(4 marks)

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7

11

Total for this question: 10 marks

- (a) Read **Figure 9**, a newspaper report about aid dated December 2000.

Poverty has increased in many African countries. The UK government has urged that foreign aid should be given to poor countries without them being told where to spend the money.

In the past, some aid intended to help reduce poverty had to be spent in the country that gave it.

Aid agencies welcomed the plan, but warned that more needed to be done to target aid towards the country's poor people.

The UK has also planned to raise its contribution to getting rid of world poverty from 0.26 to 0.3% of GNP.

Figure 9

- (i) What is aid given by governments called?

.....
(1 mark)

- (ii) What was the share of the UK's GNP that was given as a contribution to getting rid of world poverty in December 2000?

.....
.....
(1 mark)

- (iii) State **one** advantage of voluntary aid.

.....
.....
(1 mark)

- (iv) State **one** disadvantage of voluntary aid.

.....
.....
(1 mark)

QUESTION 11 CONTINUES ON THE NEXT PAGE

Turn over ►

(b) Describe **one** development project in an LEDC that you have studied.

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(6 marks)

10

END OF QUESTIONS

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