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Candidate Signature			

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General Certificate of Secondary Education
June 2006



GEOGRAPHY (SPECIFICATION B) (SHORT COURSE)
Written Paper **3037/F**
Foundation Tier

F

Monday 5 June 2006 9.00 am to 10.15 am

For this paper you must have:

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

You may use a calculator.

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

Time allowed: 1 hour 15 minutes

Instructions

- Use blue or black ink or ball-point pen. You may use pencil for maps, diagrams and graphs.
- Fill in the boxes at the top of this page.
- Answer **all** questions.
- Answer the 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.
- The marks for questions are shown in brackets.
- You are reminded of the need for good English and clear presentation in your answers. All questions should be answered in continuous prose. Quality of Written Communication will be assessed in all answers.

There are no questions printed on this page

SECTION A – THE UNITED KINGDOMAnswer **all** questions in the spaces provided.**Total for this question: 7 marks****1 (a)** Tick the correct box in parts (a)(i), (ii) and (iii).

(i) Sheep shearing is an example of a farming

input. process. output. *(1 mark)*

(ii) Population decline in large urban areas can be caused by

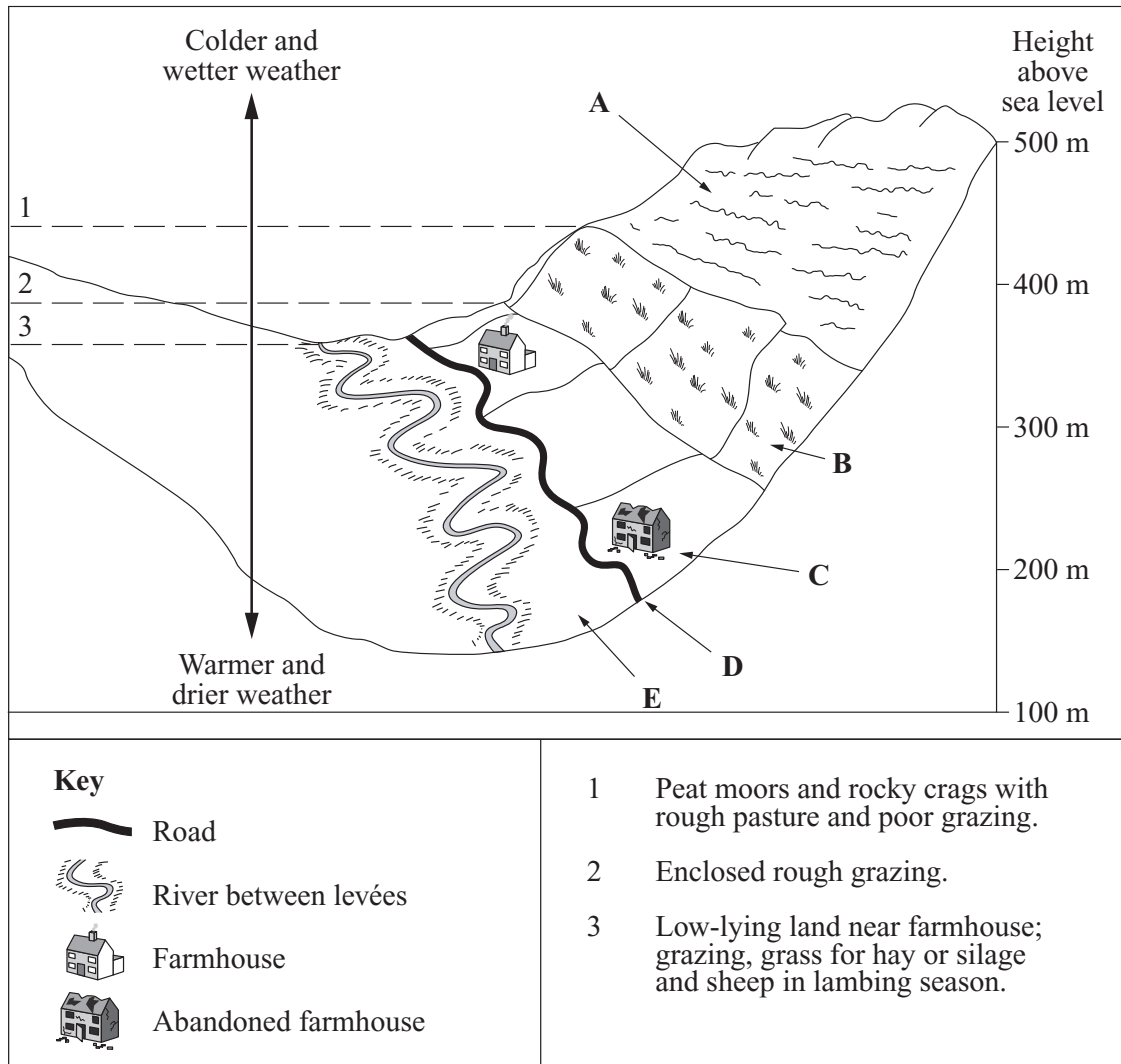
counter-urbanisation. suburbanisation. urbanisation. *(1 mark)*

(iii) The micro-electronics industry grew along the M4 corridor because of

break of bulk location. available raw materials. available greenfield sites. *(1 mark)***Question 1 continues on the next page**

(b) Study **Figure 1**, a diagram of a typical hill sheep farm in the Lake District.

Figure 1



- (i) Shade in the inbye on **Figure 1**.

(1 mark)

- (ii) The letters on **Figure 1** refer to areas where Lake District hill sheep farmers experience problems. The following is the list of problems.

Complete the table by writing the correct letter against each problem.

One has already been done for you.

Problem faced by Lake District hill sheep farmer	Letter
Abandoned farmhouse as a result of rural depopulation because few farms make a profit.	C
Steep slopes mean that machinery is difficult and dangerous to use.	
Poor, thin, acidic, stony soils support only enclosed rough grazing land.	
Flat land near the rivers, where the best soils are, can be flooded in winter and spring.	
Far from the nearest markets. Roads are often narrow and winding.	

(3 marks)

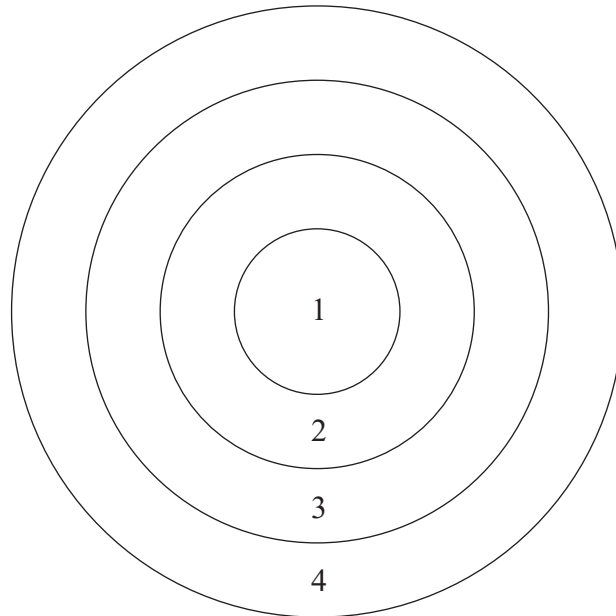
7

Turn over for the next question

Total for this question: 7 marks

- 2 (a) Study **Figure 2**, a model showing different urban zones in a settlement (urban morphology).

Figure 2



Complete the following table to show how the land use is different in each urban zone.

One has been done for you.

Zone 1	<p>CENTRAL BUSINESS DISTRICT</p> <p>.....</p> <p>.....</p>
Zone 2	<p>ZONE IN TRANSITION</p> <p>Area of mixed services, industry, wholesaling and oldest housing.</p>
Zone 3	<p>INNER CITY</p> <p>.....</p> <p>.....</p>
Zone 4	<p>SUBURBS</p> <p>.....</p> <p>.....</p>

(3 marks)

(b) Name the large urban area you have studied.

.....

Compare your chosen large urban area with the model in **Figure 2**.

You must refer to examples of streets/districts in your answer.

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(4 marks)

7

Turn over for the next question

Total for this question: 5 marks

3 Study **Figure 3**, the Ordnance Survey map extract that shows part of the drainage basin of the River Lea (Lee) in south-east England. This part of the drainage basin is an important recreational area.

(a) Complete the following table by listing **two** other tourist attractions that people could see if they visited this part of the Lea Valley.

An example has been done for you.

Tourist Attraction	Six Figure Grid Reference
Royal Gunpowder Mills	379012

(4 marks)

(b) Use **Figure 3** to suggest a reason why many people visit tourist attractions in this area.

.....

.....

(1 mark)

5

Turn over for the next question

SECTION B – THE EUROPEAN UNION

Answer **all** questions in the spaces provided.

Total for this question: 5 marks

4 Name the major conurbation in the European Union that you have studied.

.....

Choose the paragraph which refers to your chosen conurbation. Fill in the blanks using words from the following list.

- | | | | | |
|------------|--------|----------------|-------------------|--------------|
| Rhine | Seine | France | Duisburg | ferries |
| Maasvlakte | Turin | Sorbonne | hydro-electricity | New Waterway |
| tourists | Louvre | petrochemicals | Sweden | coalfield |
| insurance | Genoa | Po | iron and steel | Dortmund-Ems |

EITHER Rotterdam/Europoort

Rotterdam/Europoort is situated at the mouth of the River The river channels have been straightened and deepened and the was built to make navigation easier. The Hook of Holland is the main terminus for

Low value, bulky raw materials such as oil are imported and smaller volume but higher value goods such as are exported. Land at has been reclaimed from the sea for the construction of these industries.

OR The Ruhr conurbation

The Ruhr conurbation grew because it was on a This provided the source of power for the industry. Other industries developed including engineering and textiles. The area has good links via the River Rhine and the canal so iron ore is imported from The River Ruhr joins the River Rhine at , which is the largest inland river port in Europe.

OR The Paris region

Paris grew at a crossing point of the River As the capital, it became the focus of transport links from all over the country. It developed as a political and administrative centre and, because of the growth of banking and industries, it became an important financial centre. Many students go to Paris because of the and other universities. It is a cultural centre with many art galleries such as the This and other historic sites attract many to the city.

OR The Milan/Turin/Genoa industrial triangle

The Milan/Turin/Genoa industrial triangle developed in the river basin which is the largest area of lowland in Italy. The settlements have good communications with and Switzerland through the Alps which also provide as a major source of energy for the industries in the area. The Fiat and Lancia car factories are in Oil is imported through and is used in the petrochemical industry.

(5 marks)

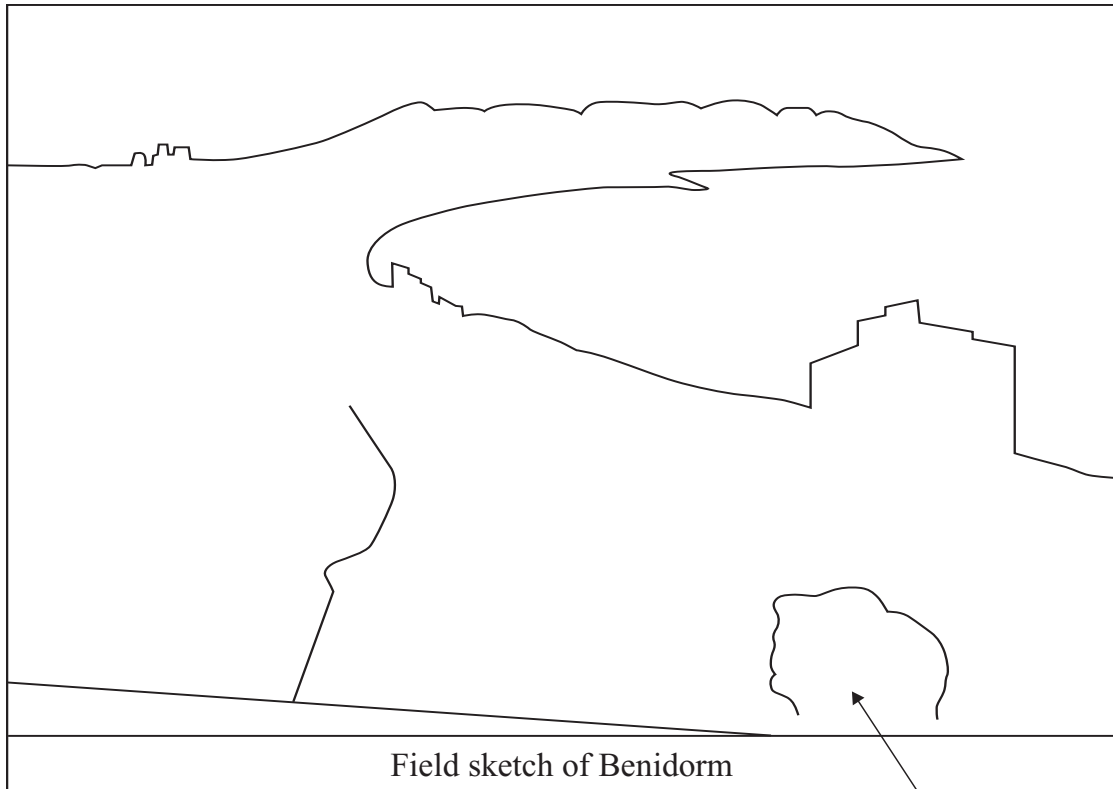
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Turn over for the next question

Total for this question: 12 marks

- 5 (a) Study **Figure 4** on the insert, a photograph of Benidorm in Mediterranean Spain. **Figure 5** is a partly completed field sketch based on **Figure 4**.

Figure 5



Field sketch of Benidorm

Trees planted to give shade and improve the environment

(i) Complete **Figure 5** so that it is a simple field sketch of Benidorm. (3 marks)

(ii) Label your completed sketch, **Figure 5**, to show the effects of the development of tourism on this part of Mediterranean Spain.

One example has been done for you. (6 marks)

(iii) The following people might have different opinions about the effects of tourism on the economy of Mediterranean Spain.

A local farmer

A fisherman

A hotel owner

A local resident

A tourist

Choose **three** of the people, and describe what he/she would think about the economic effects of tourism on the area.

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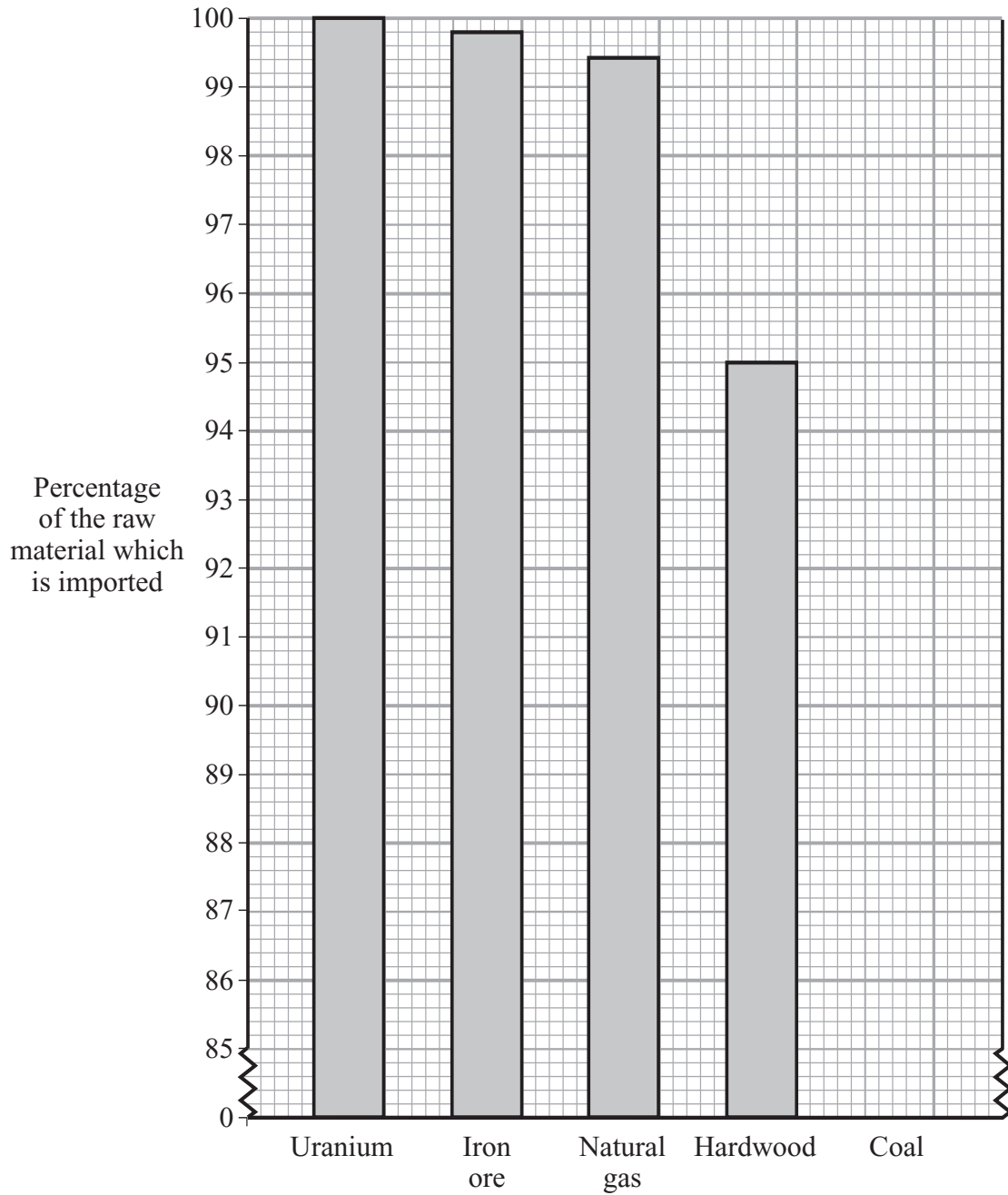
(3 marks)

12

Turn over for the next question

SECTION C – THE WIDER WORLDAnswer **all** questions in the spaces provided.**Total for this question: 7 marks**

- 6 (a) Study **Figure 6**, a graph which shows the percentage of different raw materials, used by Japanese industry, that have to be imported.

Figure 6

(i) Complete the graph, **Figure 6**, to show that 88% of the coal used in Japan is imported.

(1 mark)

(ii) Use **Figure 6** to suggest a disadvantage that Japan suffers from when obtaining raw materials.

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(1 mark)

(iii) How has this affected the location of most Japanese industry?

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(1 mark)

(b) Japanese industry is organised to make use of:

mass production techniques;

just-in-time system of production.

Describe the advantages of both of these for Japanese industry.

Mass production techniques

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Just-in-time system of production

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(4 marks)

Total for this question: 10 marks

- 7 (a) Study **Figure 7**, a table showing some different effects of the Green Revolution in the Ganges Delta.

Figure 7

The image has been removed due to third-party copyright constraints.

- (i) What do the letters HYV mean?

.....
.....

(2 marks)

- (ii) Decide which of the twelve statements in **Figure 7** are advantages and which are disadvantages for the people of the Ganges Delta.

Complete the following table by writing each letter under the correct heading.

Advantage	Disadvantage

(6 marks)

- (iii) Do you think that the Green Revolution has been an advantage or a disadvantage for the people of the Ganges Delta?

Explain your decision.

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(2 marks)

SECTION D – GLOBAL ISSUES

Answer **all** questions in the spaces provided.

Total for this question: 17 marks

8 (a) Study the cartoon, **Figure 8**.

Figure 8



(i) What possible effect of global warming does the cartoon show?

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

(ii) Global warming is caused by the build-up of greenhouse gases in the atmosphere. Name **one** source of greenhouse gases.

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.....
(1 mark)

(iii) Explain how the build-up of greenhouse gases causes global warming.

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(4 marks)

Question 8 continues on the next page

(b) Study **Figure 9** which shows flood risk areas in England and Wales.

Figure 9

The image has been removed due to third-party copyright constraints.

(i) Circle the **two** settlements in the following list that are at the greatest risk from flooding.

- Birmingham
- Kingston-upon-Hull
- Luton
- Manchester
- Peterborough

(2 marks)

(ii) Describe the location of the largest single area on **Figure 9** where lives and property are at risk from flooding.

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(2 marks)

(iii) Describe the effects of flooding on the environment of those parts of eastern England where flooding may occur.

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(4 marks)

(iv) How may a change in the way we produce energy reduce the flood risk in eastern England?

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(3 marks)

END OF QUESTIONS

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Figure 4 Federación Española de Petanca
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