

Surname						Other Names					
Centre Number						Candidate Number					
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For Examiner's Use

General Certificate of Secondary Education
June 2008

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

F



Wednesday 4 June 2008 9.00 am to 10.15 am

<p>For this paper you must have:</p> <ul style="list-style-type: none"> • <p>You may use a calculator.</p>
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For Examiner's Use			
Question	Mark	Question	Mark
1		3	
2		4	
Total (Column 1) →			
Total (Column 2) →			
TOTAL			
Examiner's Initials			

Time allowed: 1 hour 15 minutes

Instructions

- Use black ink or black ball-point pen 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.
- You must answer the questions in the spaces provided. Answers written in margins or on blank pages will not be marked.
- Use your case studies to support your answers where appropriate.
- 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 70.
- The marks for questions are shown in brackets.
- You are reminded of the need for good English and clear presentation in your answers. Where applicable, all questions should be answered in continuous prose. Quality of Written Communication will be assessed in all answers.
- An LEDC is a Less Economically Developed Country.
- An MEDC is a More Economically Developed Country.



SECTION A – THE UNITED KINGDOM

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

Use your case studies to support your answers where appropriate.

Total for this question: 19 marks

- 1 (a) (i) Draw a line to link **each** term to the correct meaning. One has been done for you.

Thermal Power

Energy made by burning fuel (gas, coal or oil) to produce heat

Urbanisation

The use of land for other activities in addition to farming

Diversification

Increase in the proportion of people living in towns and cities

Twilight zone

Run-down area of the town with mixed land uses

(2 marks)

- 1 (a) (ii) Write the meaning of the following term in the box provided.

Distributary

(1 mark)

- 1 (a) (iii) Give the term for the following definition.

Industry with a wide choice of possible locations.

(1 mark)



1 (b) Read the information in **Figure 1** about the growth of a city in the UK.

Figure 1

This city grew up at a crossing point of a river. It became a military town for the Roman army. It grew into a market town for the local farmers. It has a cathedral and so it is a religious centre and attracts tourists. A canal links the city to deep water and so it has become a port and industrial centre. It is now the administrative centre for the county.

1 (b) (i) Using **Figure 1**, give **one** *physical* advantage for the growth of this city.

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(1 mark)

1 (b) (ii) Name the large urban area in the UK that you have studied.

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Describe the reasons for the growth of your named large urban area.

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(4 marks)

(Extra space)

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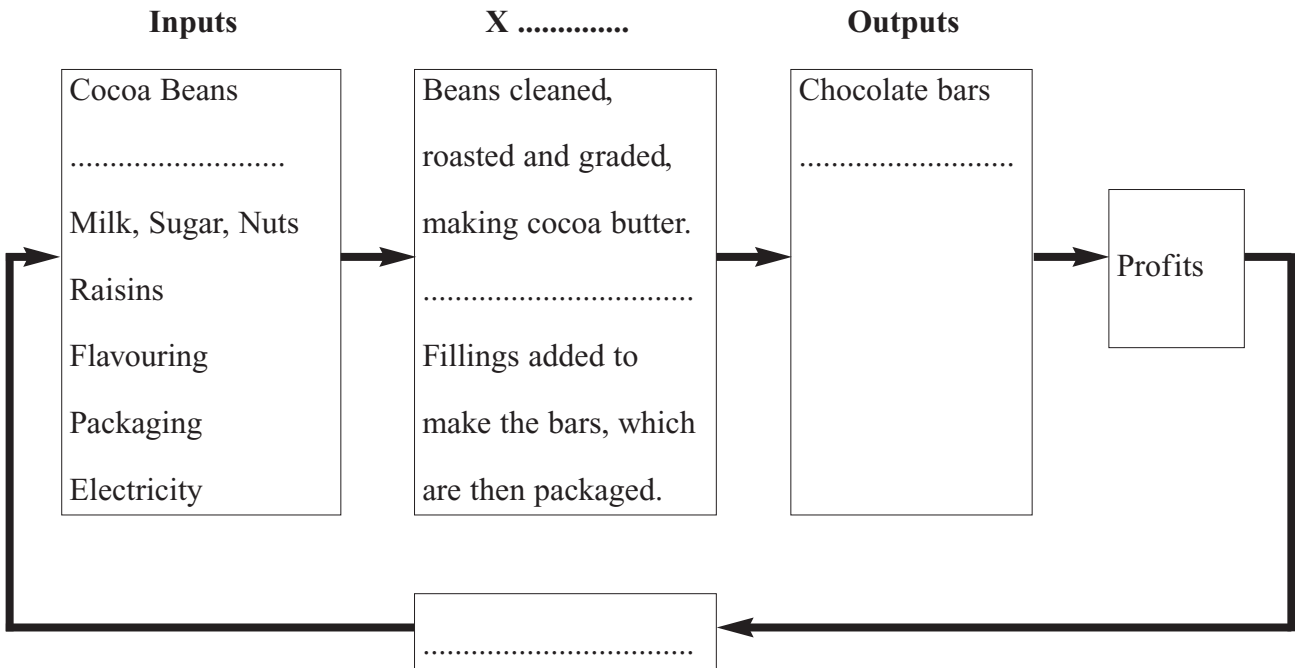
Question 1 continues on the next page

Turn over ►



1 (c) Study **Figure 2** which shows a partly completed diagram of an industrial system in England.

Figure 2



1 (c) (i) Fill in the part of the industrial system missing at **X**.

(1 mark)

1 (c) (ii) Fill in each blank on **Figure 2**.

Choose the correct letter from the following list.

- A Chocolate drink
- B Investment in factory and machinery
- C Milk and sugar added to make chocolate
- D 5000 workers employed

(3 marks)



1 (d) Study **Figure 3**, the Ordnance Survey map extract showing part of the Lake District.

The Ordnance Survey map has been removed for purposes of third-party copyright restrictions. Please refer to Landranger 90 Penrith and Keswick O.S. map.

1 (d) (i) What is the symbol at grid reference 346051?

.....
(1 mark)

1 (d) (ii) What is the distance along a straight line from the place of worship at Rydal, grid reference 365063, to the place of worship at Grasmere, grid reference 337073?

..... kilometres
(1 mark)

1 (d) (iii) In which direction does Ambleside (3704) lie from Grasmere (3307)?

.....
(1 mark)

1 (d) (iv) Give the grid reference at which the following glacial landscape features are found. Choose your answers from the list below.

2807 **2708** **3702** **3006**

Glacial trough	
Ribbon lake	
Corrie	

(3 marks)

Turn over for the next question

Turn over ►



SECTION B – THE EUROPEAN UNION

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

Use your case studies to support your answers where appropriate.

Total for this question: 17 marks

2 (a) (i) Complete the paragraphs by choosing the correct words from the list below.

- declining** **in** **infant mortality rate** **many**
- few** **GNP per capita** **increasing** **out**

The area of the European Union (EU) known as the core includes many of the major cities of Europe. It has the highest and is the focus of the main transport routes. The population is

Areas on the periphery have farming problems and most of these areas generally are experiencing migration.

(4 marks)

2 (a) (ii) Name **one** area within the core of the EU.

.....

.....

(1 mark)



- 2 (b) Study **Figure 4**, a photograph of part of the Mediterranean coast of Spain which has not developed as a tourist area.

Figure 4



This area is economically poor because of the problems listed below.

- A Steep-sided mountains, which are difficult to farm
- B Rocky beach
- C Poorly made-up roads
- D Thin dry soil covered with drought resistant vegetation
- E Remote village

Five arrows have been marked on the photograph, **Figure 4**. Write the correct letter in the space below each arrow to show the problem being illustrated. One has been done for you.

(3 marks)

Question 2 continues on the next page

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2 (c) (i) This area has a Mediterranean climate.

Give **one** feature of a Mediterranean climate that encourages tourism.

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(1 mark)

2 (c) (ii) Explain how the growth of tourism can improve the economy of a poor area in Mediterranean Spain.

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(4 marks)

(Extra space)

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2 (d) Choose **one** of the following conurbations in the EU. Circle the **one** chosen.

Rotterdam-Europoort

The Ruhr conurbation

The Paris region

The Milan/Turin/Genoa industrial triangle

Listed below are planning issues in these conurbations.

Rotterdam-Europoort

- Coping with the increasing size of ships
- The threats to the ecosystem of the Rhine delta

The Ruhr conurbation

- The need to attract new industry
- The need to improve the environment of the area

The Paris region

- The decline of Central Paris
- The need to improve the transport system

The Milan/Turin/Genoa industrial triangle

- Coping with in-migration from southern Italy
- The decline of the traditional manufacturing industry in one or all of the three cities

Either choose **one** of the planning issues listed above for your chosen conurbation **or** another planning issue that you have studied.

2 (d) (i) Explain why it is an issue for planners in your chosen conurbation.

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(2 marks)

2 (d) (ii) Describe a possible solution to the issue.

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(2 marks)

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SECTION C – THE WIDER WORLD

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

Use your case studies to support your answers where appropriate.

Total for this question: 17 marks

- 3** Study **Figure 5**, an account of the main features of the tropical monsoon climate written by a GCSE candidate. It contains **four** mistakes. One mistake has been underlined and corrected.

Figure 5

The tropical monsoon climate has a wet season in the winter months. Average temperatures are about 42 °C in the hottest month and the humidity is very high. This is when the winds blow from the north east and so have crossed the Himalayas before they reach the Ganges delta.

south west

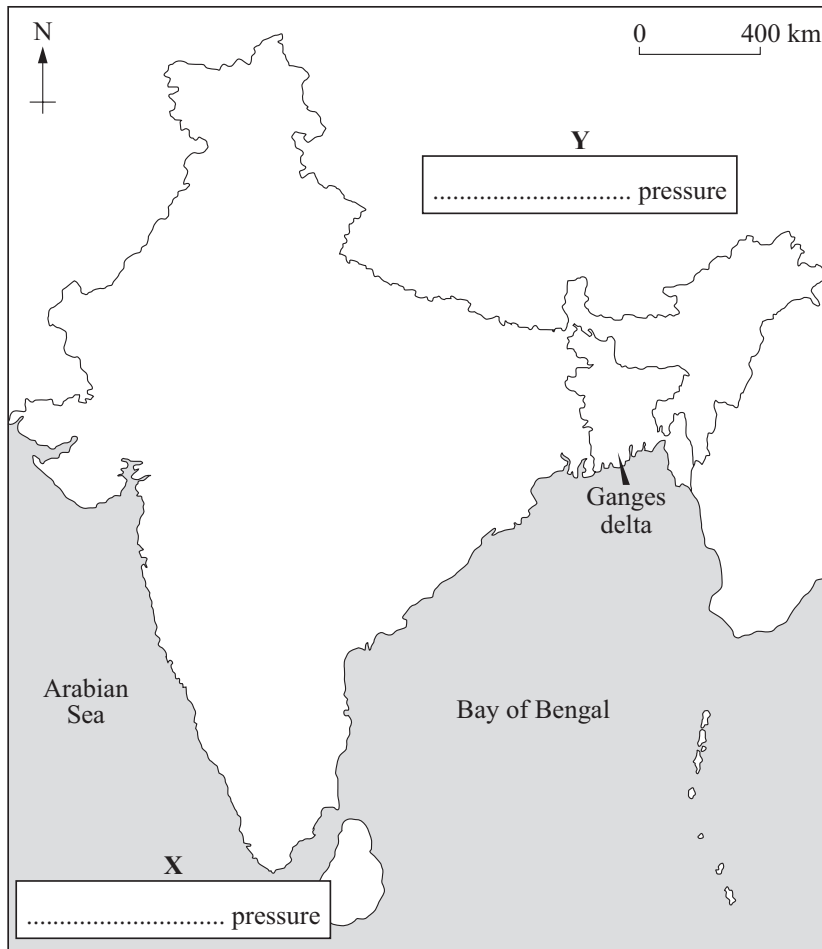
- 3 (a)** Underline **three** more mistakes. For **each**, draw an arrow and write the correct answer next to it.

(6 marks)



3 (b) Study **Figure 6**, a map of the Indian subcontinent. The position of the Ganges delta is shown.

Figure 6



3 (b) (i) Name the type of air pressure in areas **X** and **Y** in winter. (2 marks)

3 (b) (ii) Draw an arrow over the Ganges delta to show the direction the winds blow in winter. (1 mark)

3 (b) (iii) Explain why the winds over the Ganges delta in winter blow in the direction that you have shown.

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(2 marks)

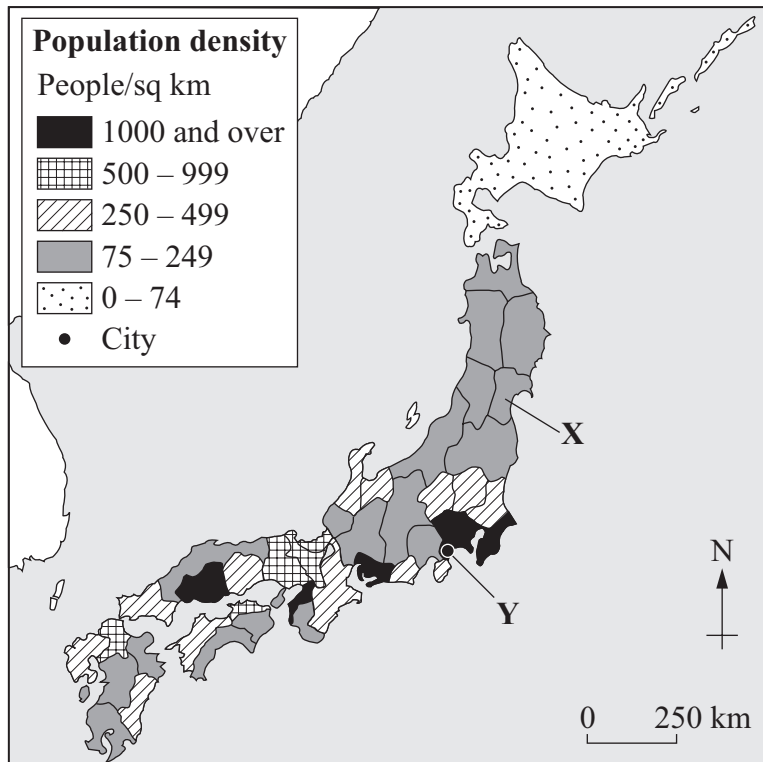
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- 3 (c) Study **Figure 7**, a map showing the population distribution in Japan.

Figure 7



- 3 (c) (i) Name island X.

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(1 mark)

- 3 (c) (ii) Name city Y.

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(1 mark)



3 (c) (iii) Explain how the physical features of Japan have affected the population distribution shown in **Figure 7**.

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(4 marks)

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SECTION D – GLOBAL ISSUES

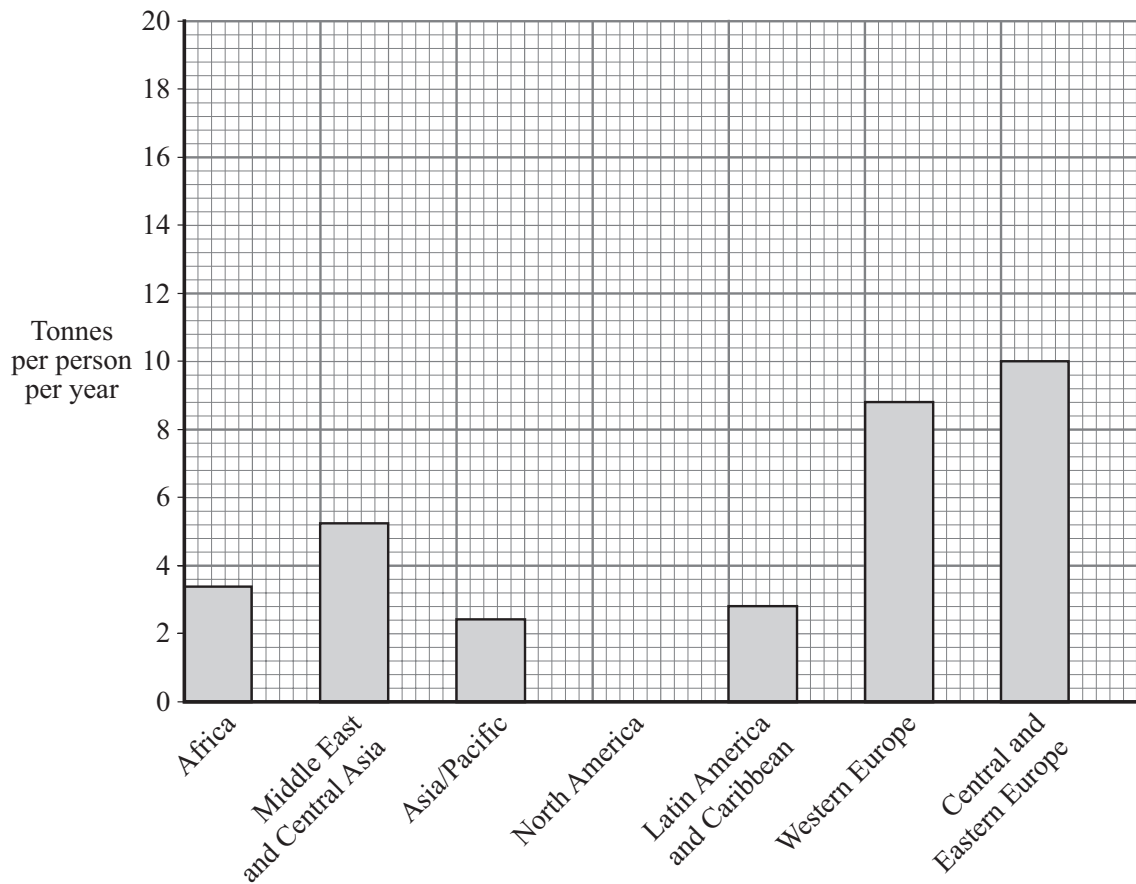
Answer **all** questions in the spaces provided.

Use your case studies to support your answers where appropriate.

Total for this question: 17 marks

- 4 (a) Study **Figure 8**, a graph which shows the average amount of carbon dioxide produced per year in different parts of the world.

Figure 8



- 4 (a) (i) Complete **Figure 8** using the information below.

North America 19.5 tonnes per person per year

(1 mark)

- 4 (a) (ii) Why are people concerned about the amount of carbon dioxide produced?

.....

(1 mark)



4 (a) (iii) The following table shows possible causes of the increased Greenhouse Effect.

Complete the table by ticking **True** or **False** against each reason.

	True	False
Increased use of renewable energy	<input type="checkbox"/>	<input type="checkbox"/>
The polar ice caps are melting	<input type="checkbox"/>	<input type="checkbox"/>
The burning of fossil fuels	<input type="checkbox"/>	<input type="checkbox"/>
The destruction of the rainforest	<input type="checkbox"/>	<input type="checkbox"/>
The sea level is rising	<input type="checkbox"/>	<input type="checkbox"/>

(5 marks)

Question 4 continues on the next page

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4 (a) (iv) Describe the effects of coastal flooding on the people living in an area that you have studied.

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(4 marks)

(Extra space)

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4 (b) The table below shows some types of aid that may be received by LEDCs.

SHORT-TERM AID	LONG-TERM AID
Water, tents, food, blankets, medicines	Agricultural improvements, transport, education/training, vaccination

4 (b) (i) Describe the advantages of long-term aid.

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(2 marks)



4 (b) (ii) Explain how international aid can be used to encourage sustainable development in LEDCs.

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(4 marks)

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END OF QUESTIONS



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Question 3 Figure 7: from *People, Places and Themes* by BILHAM-BOULT, BLADES, HANCOCK and RIDOUT, 1999, reprinted by permission of Harcourt Education.

Question 4 Figure 8: *Geographical Digest*, © 1996 Philip's.

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