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Centre Number		Candidate Number	
Candidate Signature			

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General Certificate of Secondary Education  
June 2003



**GEOGRAPHY (SPECIFICATION B)  
HIGHER TIER  
Paper 2**

**3032/2H**

Thursday 5 June 2003 1.30 pm to 3.30 pm

**H**

**In addition to this paper you will require:**

- photographs (enclosed).
- You may use a calculator.

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

Time allowed: 2 hours

**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 in **Sections A, B, C and D** 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 120.
- 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.

**Advice**

- You are advised to spend no more than 30 minutes on **Section A**.

## SECTION A

Answer ALL questions in Section A.

1

Total for this question: 30 marks

Study **Figure 1**, the world map.

Figure 1

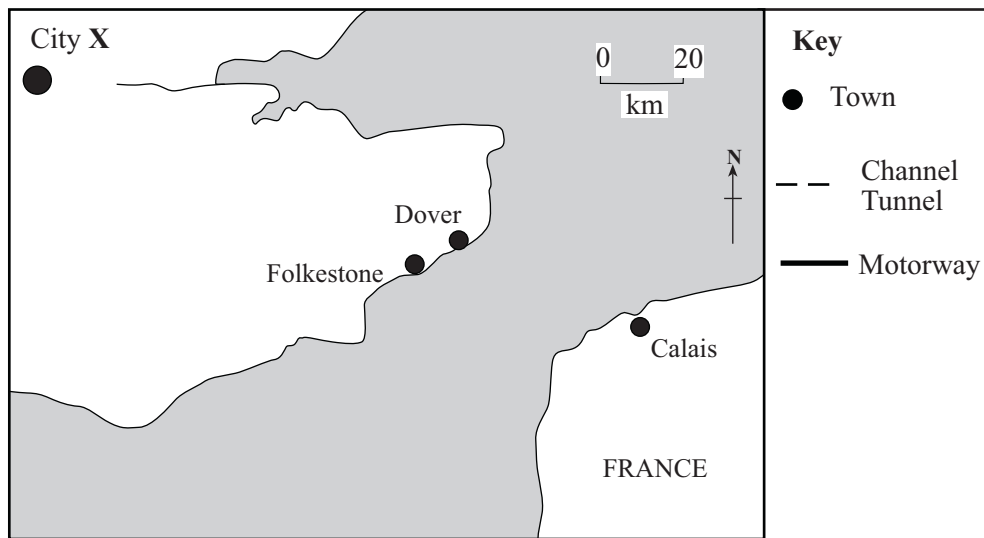
(a) Areas marked **A**, **B**, **C** and **D** are shown on **Figure 1**.

Match each letter to the correct description in the table below.

	An area of intensive subsistence rice farming
	A highly industrialised MEDC
	An area with hot, dry summers and warm, wet winters
	An area of rainforest vegetation

(4 marks)

(b) Study **Figure 2**.



**Figure 2**

(i) Name City X.

.....  
(1 mark)

(ii) On **Figure 2**, using the correct key, mark the position of

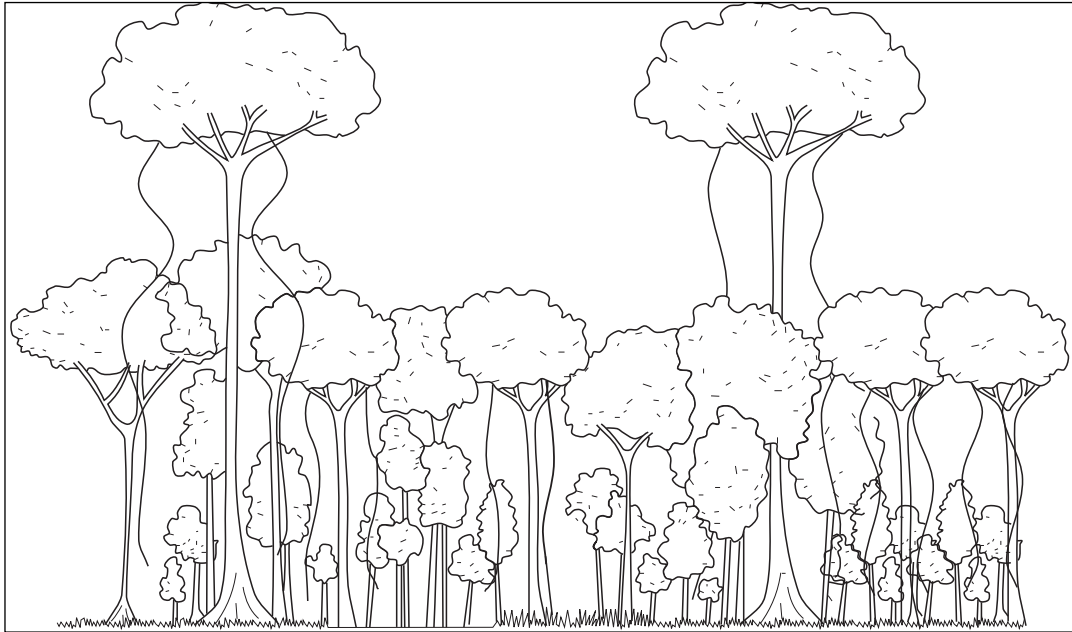
The Channel Tunnel. (2 marks)

The M20 motorway. (2 marks)

**QUESTION 1 CONTINUES ON THE NEXT PAGE**

**Turn over ▶**

(c) Study **Figure 3** which shows an area of rainforest vegetation.



**Figure 3**

Add the following labels to **Figure 3** in the correct places.

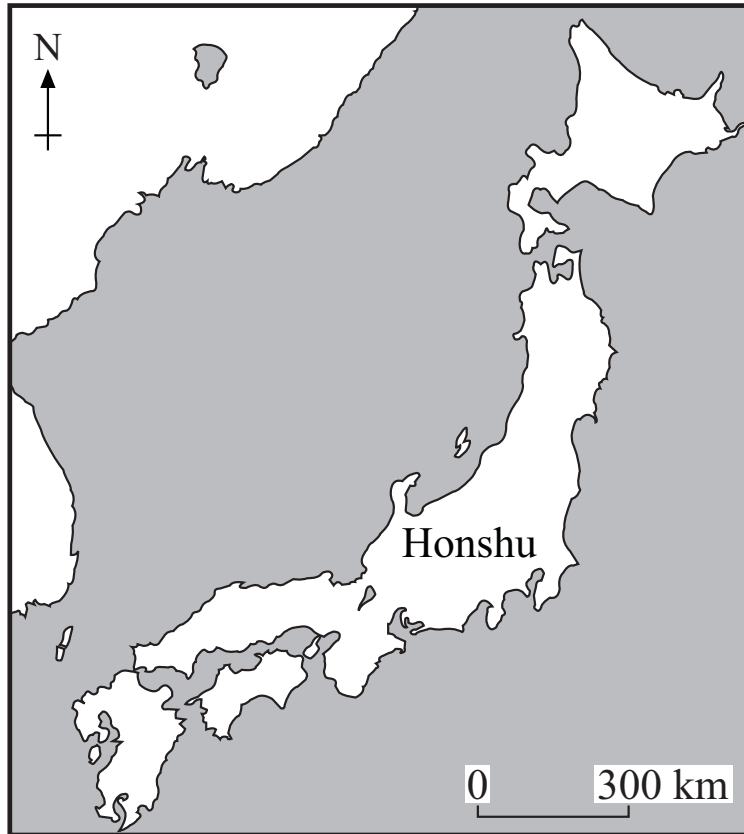
**buttress roots**

**emergent**

**canopy**

*(3 marks)*

(d) Study **Figure 4** which shows an outline map of Japan.



**Figure 4**

(i) Japan has four main islands. One has been labelled on **Figure 4**.

Correctly label **Figure 4** to show the **other three** main islands. (3 marks)

(ii) Give **two** reasons why the coastal areas of Japan have a high population density.

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2. ....  
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(4 marks)

**QUESTION 1 CONTINUES ON THE NEXT PAGE**

**Turn over ▶**

(e) (i) Describe **three** features of a squatter settlement (shanty town).

- 1. ....  
.....
- 2. ....  
.....
- 3. ....  
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*(3 marks)*

(ii) Name a city in an LEDC where there are squatter settlements.

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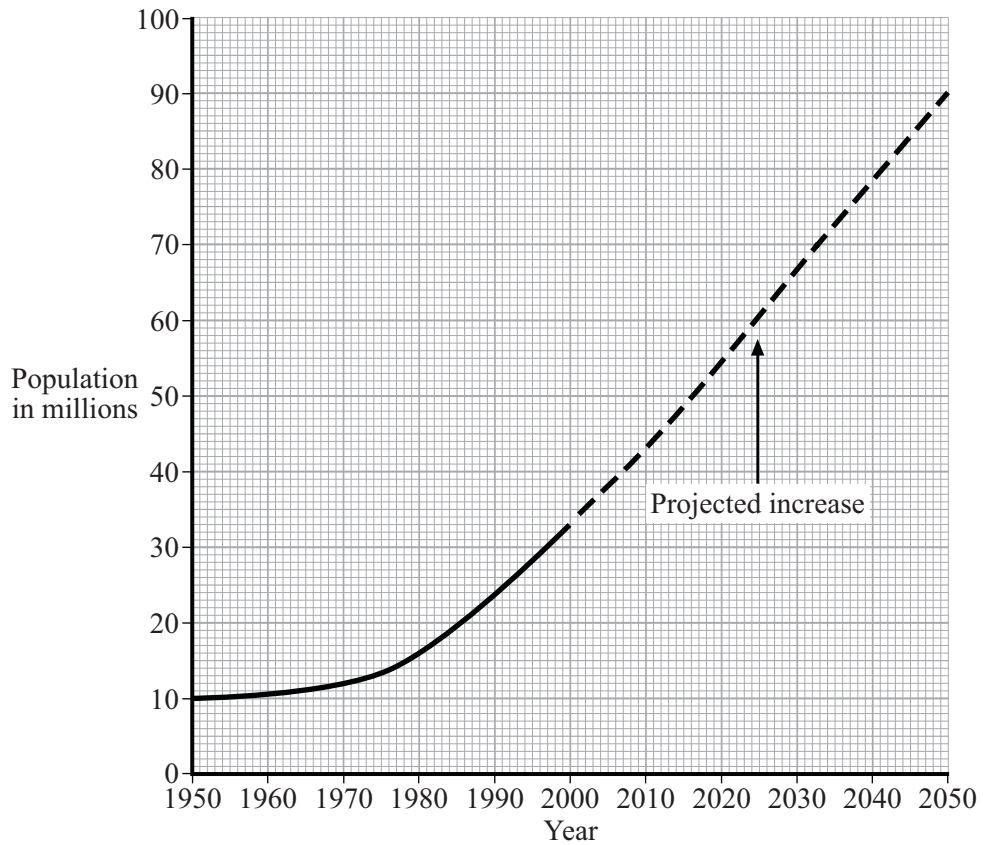
*(1 mark)*

(iii) Describe **two** ways of improving conditions in squatter settlements.

- 1. ....  
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- 2. ....  
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*(4 marks)*

(f) Study **Figure 5** which shows the population of an LEDC, 1950-2050.



**Figure 5**

(i) What is the estimated population in 2050?

..... (1 mark)

(ii) Describe **one** problem that this rise in population may cause in an LEDC.

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..... (2 marks)

**TURN OVER FOR THE NEXT QUESTION**

## SECTION B

Answer ALL questions in Section B.

2

Total for this question: 30 marks

- (a) Study **Figure 6**, which is a scattergraph showing the relationship between a country's distance from the centre of Europe and its GNP per head.

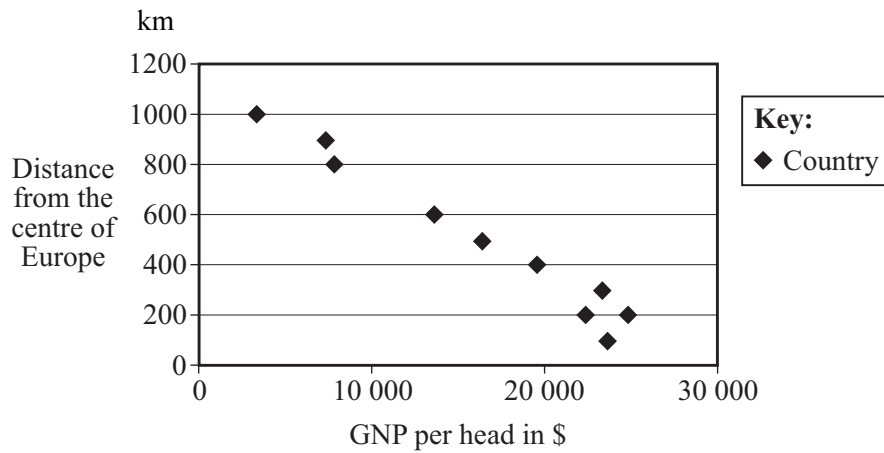


Figure 6

What does **Figure 6** show about GNP per head and distance from the centre of Europe?

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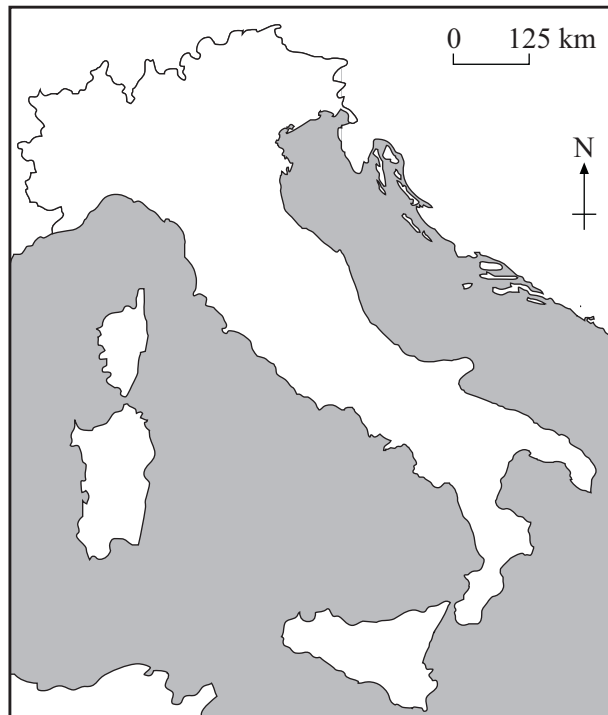
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(2 marks)



- (b) The Mezzogiorno is an area on the periphery of Europe.

Study **Figure 7** which shows an outline map of Italy.



**Figure 7**

- (i) On **Figure 7** shade the area known as the Mezzogiorno.

*(2 marks)*

**QUESTION 2 CONTINUES ON THE NEXT PAGE**

**Turn over** ▶

(ii) Study **Figure 8** on the insert, a photograph which shows a traditional farming area in the Mezzogiorno.

Using the photograph and your own knowledge, describe traditional farming in the Mezzogiorno.

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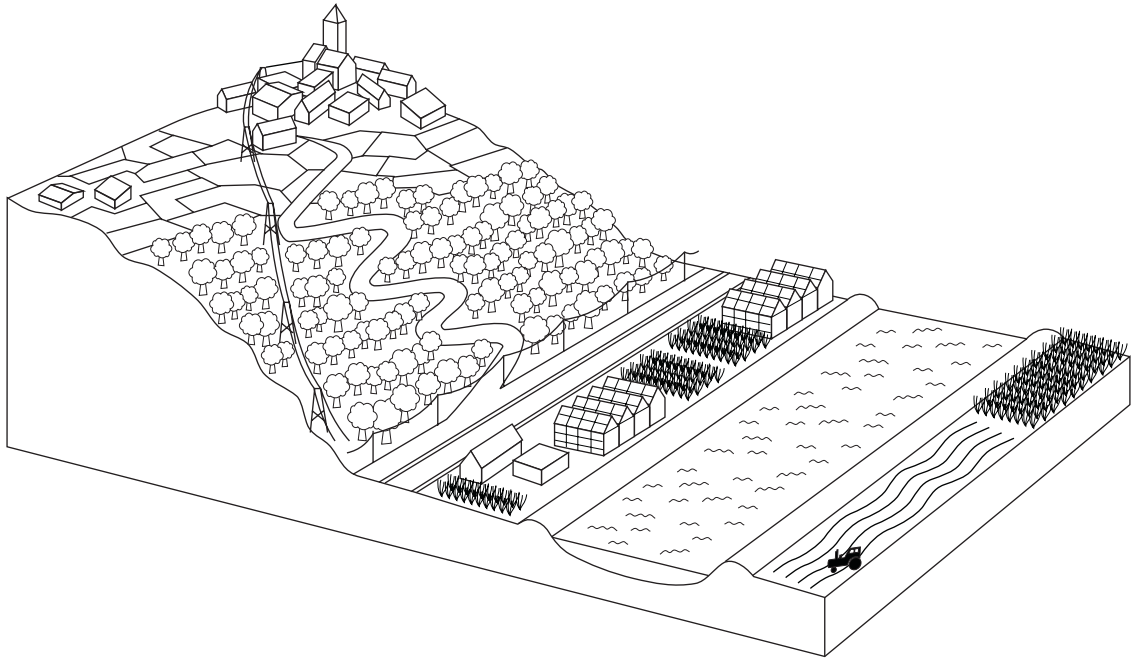
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*(6 marks)*

(c) Study **Figure 9**.



**Figure 9**

Farming in the Mezzogiorno has changed as a result of the work of the Cassa per il Mezzogiorno and, more recently, the Integrated Mediterranean Programme (IMP).

Explain how the work of the Cassa and the IMP has improved farming in the Mezzogiorno.

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(6 marks)

**QUESTION 2 CONTINUES ON THE NEXT PAGE**

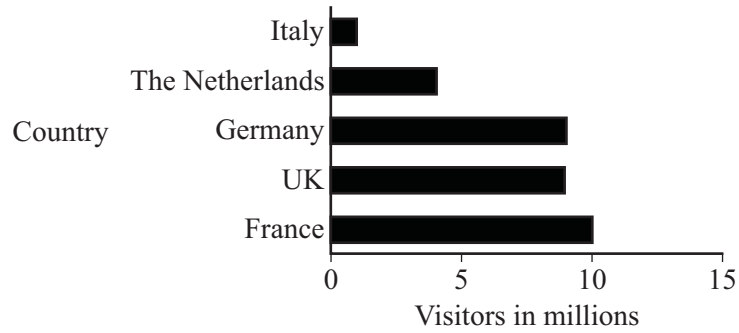
**Turn over ▶**

(d) Mediterranean Spain is another area on the periphery of Europe.

(i) Name a major tourist area in Mediterranean Spain.

.....  
(1 mark)

(ii) Study **Figure 10** which shows the origins of visitors to Mediterranean Spain in the year 2000.



**Figure 10**

According to **Figure 10**, which country did most visitors to Mediterranean Spain come from?

.....  
(1 mark)

- (e) Study **Figure 11**, the views of the Mayor of a tourist resort in Mediterranean Spain.



**Figure 11**

- (i) What are the climatic attractions referred to in **Figure 11**?

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*(3 marks)*

- (ii) What are the 'other' reasons referred to in **Figure 11**?

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*(3 marks)*

(ii) How might the environment be damaged by tourists visiting Mediterranean Spain?

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(6 marks)

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**TURN OVER FOR THE NEXT QUESTION**

**Turn over ▶**

## SECTION C

Answer ALL questions in Section C.

3

Total for this question: 30 marks

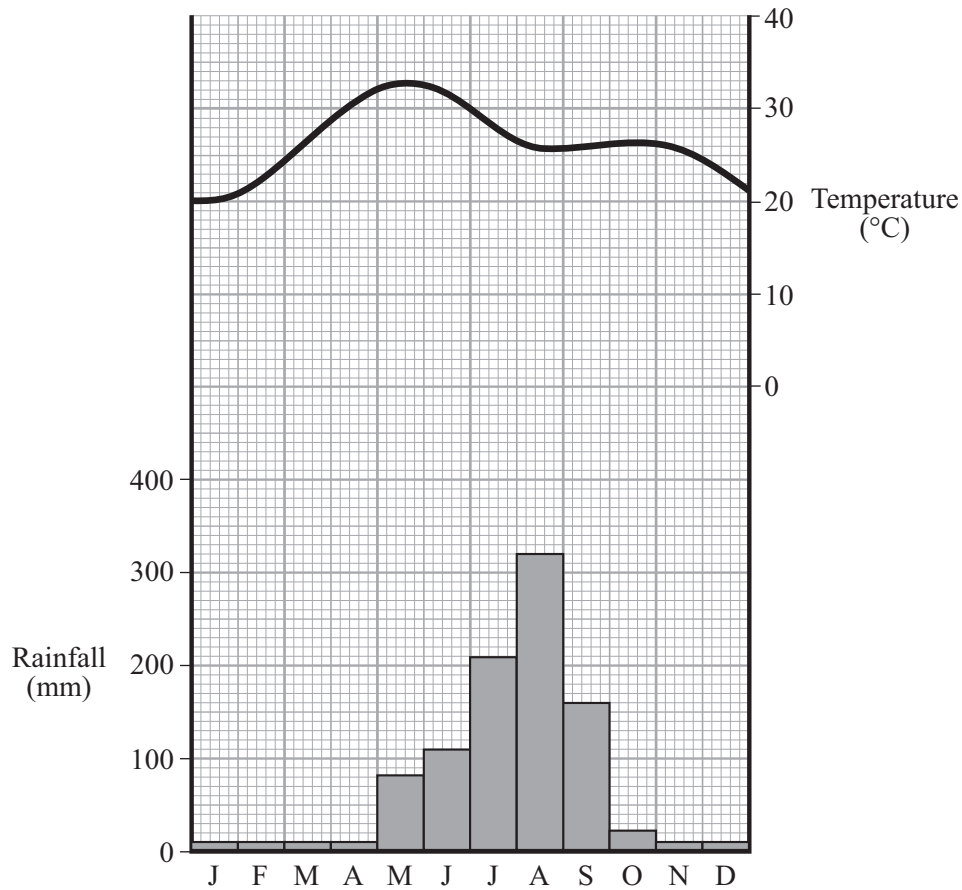
(a) Study **Figure 12** which shows the climate of the Ganges Delta.

Figure 12

(i) Calculate the temperature range shown on **Figure 12**......  
(1 mark)

(ii) Describe the tropical monsoon climate.

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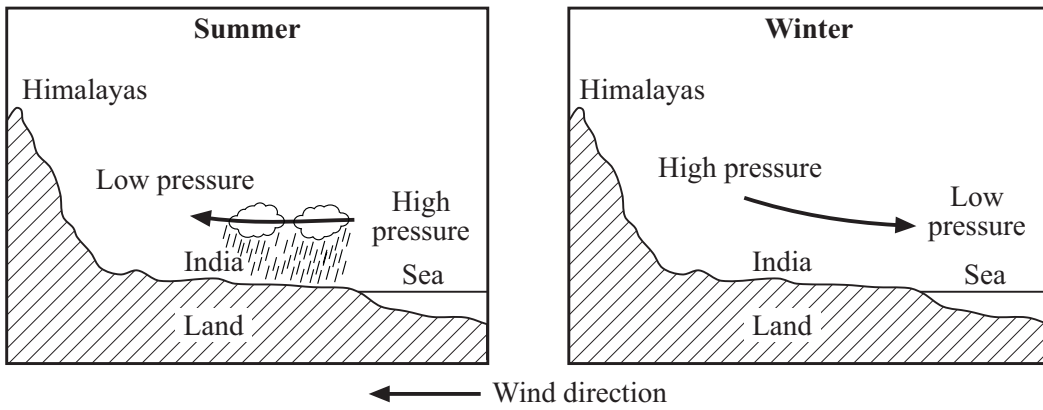
*(4 marks)*

**QUESTION 3 CONTINUES ON THE NEXT PAGE**

**Turn over ▶**



(ii) Study **Figure 13** which shows how the tropical monsoon climate is caused.



**Figure 13**

Explain how the tropical monsoon is caused.

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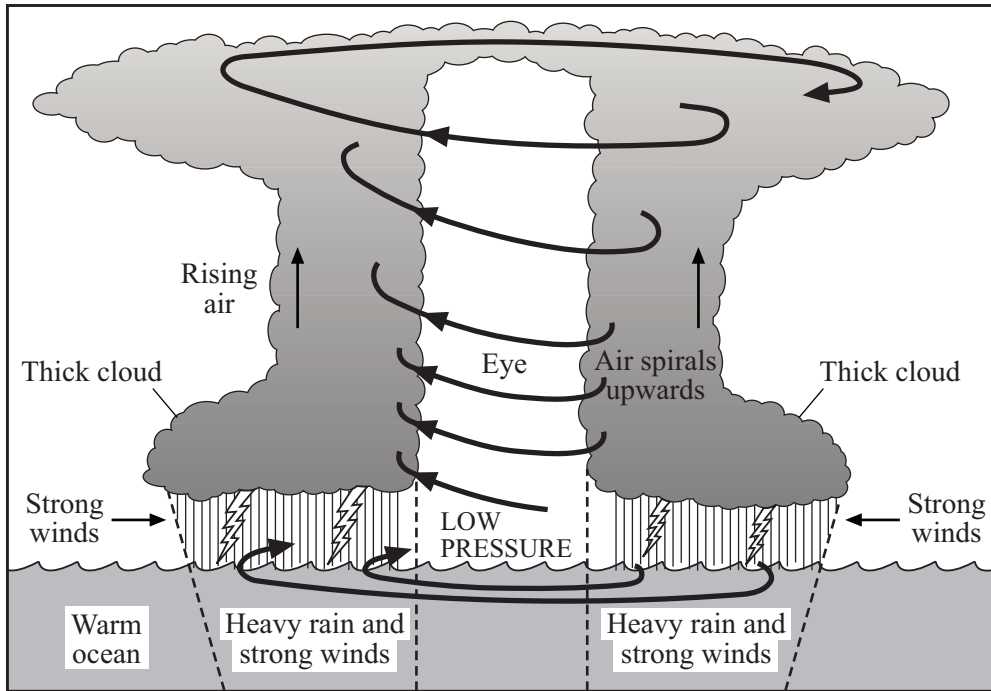
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(6 marks)

(b) Study **Figure 14**.



**Figure 14**

(i) What is the weather system in **Figure 14** called?

.....  
(1 mark)

(ii) Explain how the weather system shown in **Figure 14** is formed.

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(3 marks)

**QUESTION 3 CONTINUES ON THE NEXT PAGE**

**Turn over ▶**

(ii) Why do many people in the Ganges Delta die as a result of the weather system shown in **Figure 14**?

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*(4 marks)*

(c) Study **Figure 15** on the insert, a photograph which shows a rice farming area in the Ganges Delta.

(i) Describe the farming activity shown in the photograph.

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*(2 marks)*

(ii) Give **three** physical reasons why the Ganges Delta is a suitable area for growing rice.

1. ....

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2. ....

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3. ....

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*(3 marks)*

- (d) The Ganges Delta is part of two countries, India and Bangladesh. Both these countries have high birth rates and falling death rates

For **either** India **or** Bangladesh suggest reasons for the high birth rate.

Name of country: .....

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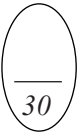
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(6 marks)



**TURN OVER FOR THE NEXT QUESTION**

**SECTION D**

Answer **ALL** questions in Section D.

**4**

**Total for this question: 30 marks**

(a) Name each of these types of aid.

1. Aid given by charities

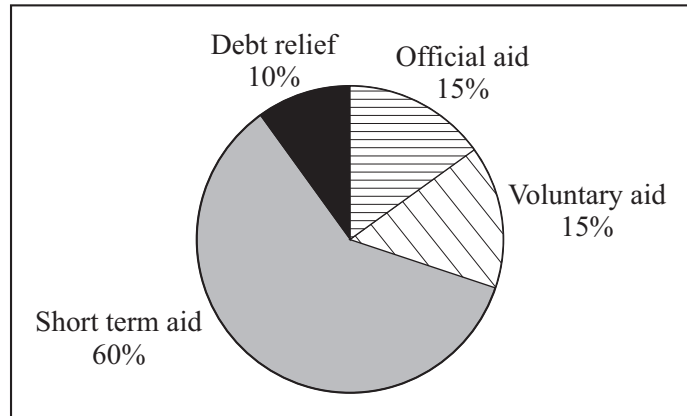
.....

2. Government to government aid, usually with some conditions attached

.....

*(2 marks)*

(b) Study **Figure 16** which shows the importance of different types of aid to an LEDC in one year.



**Figure 16**

Suggest why the country shown in **Figure 16** has received a large amount of short-term aid.

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*(1 mark)*

(c) Many LEDCs are being helped by development projects.

Describe how a development project in an LEDC you have studied has helped the local people.

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*(9 marks)*

**QUESTION 4 CONTINUES ON THE NEXT PAGE**

**Turn over ▶**

- (d) Japan has many trans-national corporations (TNCs).

Give **two** reasons why Japanese TNCs want to set up factories in the European Union.

1. ....  
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2. ....  
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*(4 marks)*

- (e) Study **Figure 17** which shows the percentages of different greenhouse gases responsible for global warming.

<b>Greenhouse Gas</b>	<b>Percentage</b>
Carbon dioxide	75
Methane	10
CFCs	10
Nitrous oxide	5

**Figure 17**

In the space below, draw a suitable graph to show these figures.



(6 marks)

(f) The greenhouse effect may be caused by burning fossil fuels and cutting down the rainforests.

(i) How does burning fossil fuels help to cause the greenhouse effect?

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(2 marks)

(ii) How does cutting down the rainforests help to cause the greenhouse effect?

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(2 marks)

**QUESTION 4 CONTINUES ON THE NEXT PAGE**

**Turn over ▶**



(g) Study **Figure 18**, a newspaper extract.

**North Pole ice cap will have  
melted in 80 years**

The ice cap covering the North Pole will vanish in less than 80 years as climate change melts it away say researchers at the Met Office. The area covered by ice has shrunk by 20% since the 1950s and it is estimated to disappear completely in 2079.

**Figure 18**

Suggest how the effects of global warming could be reduced.

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*(4 marks)*

30

**END OF QUESTIONS**

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Question 3 Figure 15 Source: International Rice Research Institute.

## **GEOGRAPHY (SPECIFICATION B)**

### **Paper 2 Foundation and Higher Tiers**

Thursday 5 June 2003 Afternoon Session

### **Coloured Photographs      3032/2F & 3032/2H**



**Figure 8**  
**(for use with Question 2)**



**Foundation Tier – Figure 16 Higher Tier – Figure 15  
(for use with Question 3)**