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General Certificate of Secondary Education  
June 2006

**GEOGRAPHY (SPECIFICATION B)**  
**Paper 2**  
**Higher Tier**

**3032/2H**  
**H**



Monday 12 June 2006 1.30 pm to 3.30 pm

**For this paper you must have:**

- the insert (enclosed)

You may use a calculator.

Time allowed: 2 hours

**Instructions**

- Use blue or black ink or ball-point pen. You may use pencil for maps, diagrams and graphs.
- 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 120.
- 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.
- 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**.

For Examiner's Use			
Number	Mark	Number	Mark
1		5	
2			
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Total (Column 1)		→	
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## SECTION A

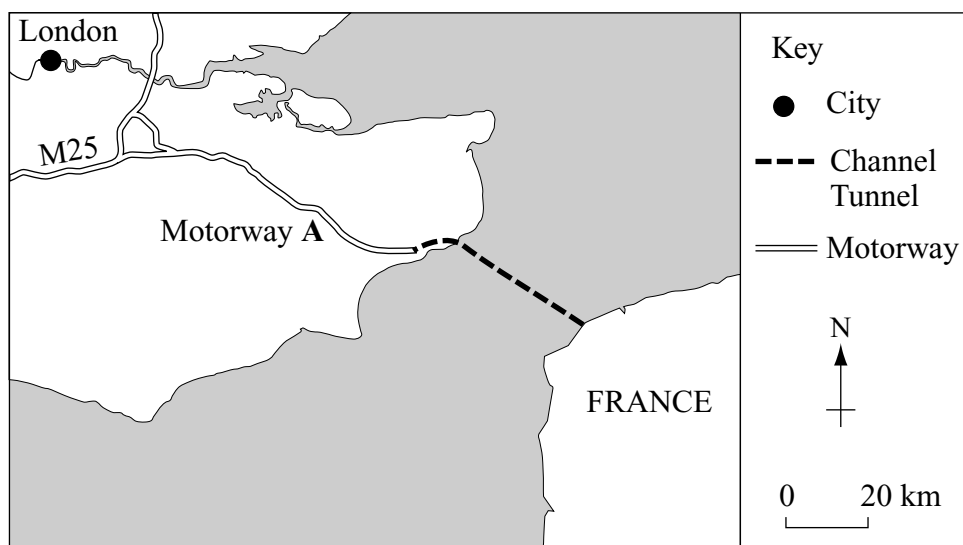
Answer **all** questions in the spaces provided.

**Total for this question: 10 marks**

- 1 (a) Each of the questions (i) – (vi) is followed by five possible answers.  
For each question tick the correct answer.

- (i) Study **Figure 1** below.

**Figure 1**



Motorway A shown on the map above is the

- M40.
- M6.
- M2.
- M20.
- M3.

*(1 mark)*

(ii) The cutting down of trees in Amazonia is known as

eco-tourism.

deforestation.

leaching.

afforestation.

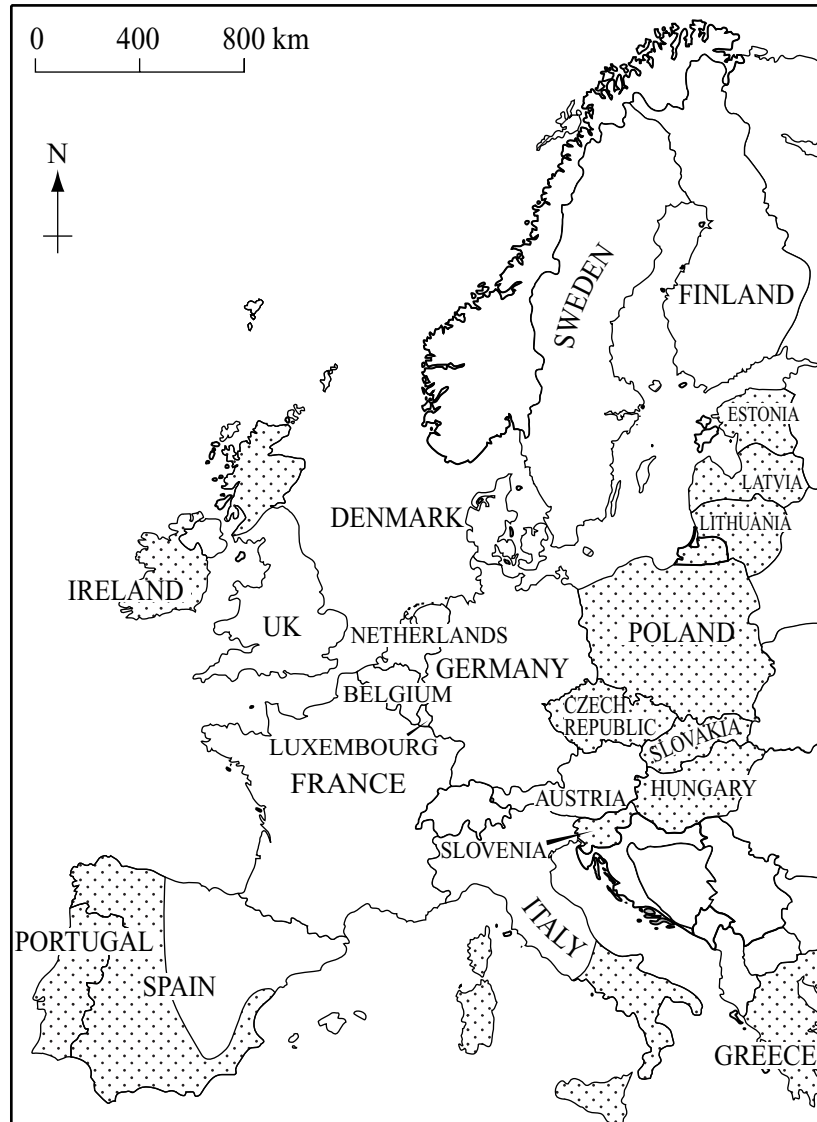
the Green Revolution.


*(1 mark)*

**Question 1 continues on the next page**

(iii) Study **Figure 2** which shows some of the countries of Europe in 2005.

**Figure 2**



The areas shaded  are known as

the periphery.

Mezzogiorno.

European Union.

the core.

the Integrated Mediterranean Programme.

(1 mark)

(iv) Which of the following is a push factor, causing people to migrate to cities in Brazil/India/Bangladesh?

greater chance of employment

improved education

more hospitals and doctors

poor harvests

improved diet

(1 mark)

(v) The climate of Amazonia has

an annual temperature range of 10 °C.

a definite rainy season.

a seasonal change in wind direction.

an average temperature of 15 °C.

an annual rainfall of over 2000 mm.

(1 mark)

**Question 1 continues on the next page**

(vi) The greenhouse effect is a result of

a decrease in carbon dioxide in the atmosphere.

the burning of fuel in thermal power stations.

global warming.

tree planting programmes in Amazonia.

increased use of renewable energy.

(1 mark)

(b) Complete **Figure 3** by writing the correct statement in each box to show the process of shifting cultivation in Amazonia. Start in box 1. Choose from the following statements:

move to another area

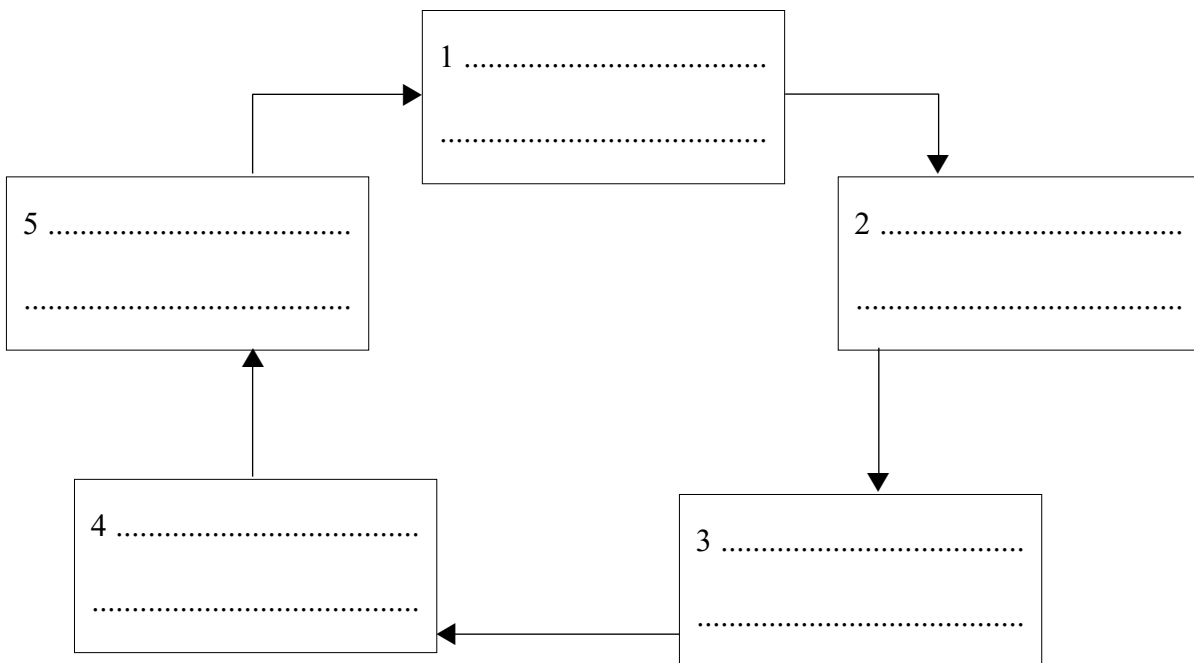
harvest crops

use ash as fertiliser

cultivate crops

trees cut/burned

**Figure 3**

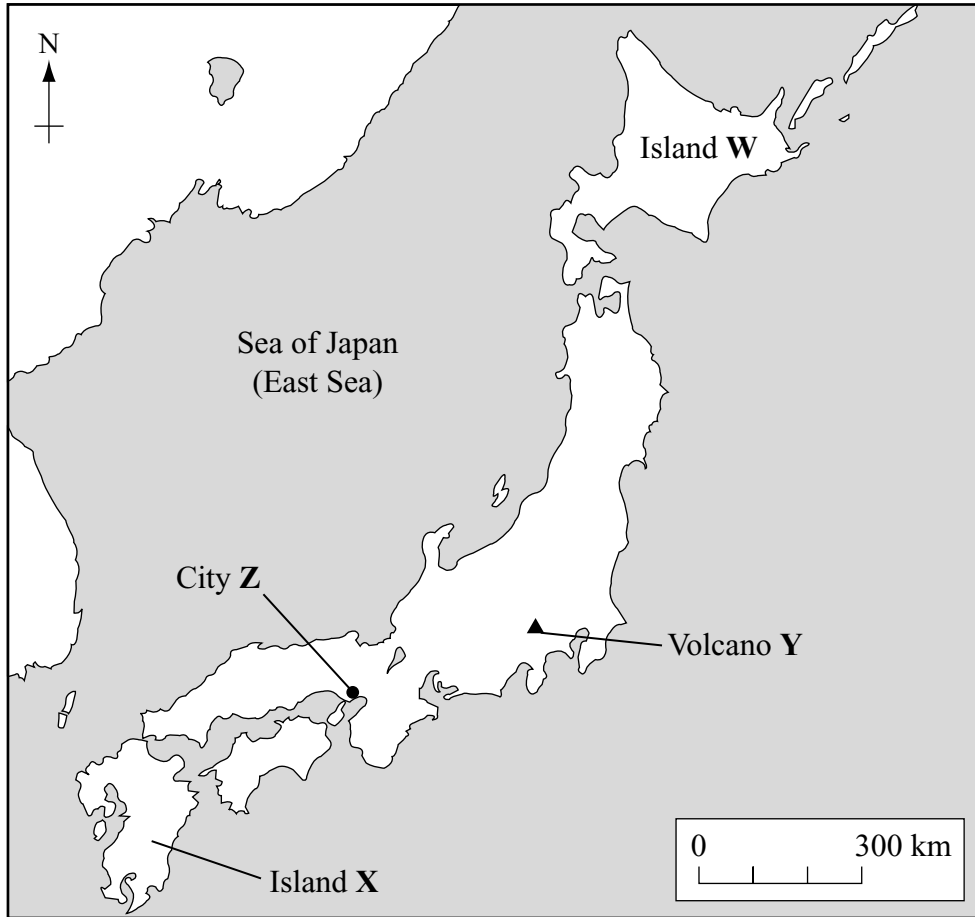


(4 marks)

Total for this question: 20 marks

2 (a) Study **Figure 4**, a map of Japan.

**Figure 4**



Name the following:

Island **W** .....

Island **X** .....

Volcano **Y** .....

City **Z** .....

(4 marks)

**Question 2 continues on the next page**

(b) (i) Japan has many transnational corporations (TNCs).

What is the meaning of the term ‘transnational corporation’?

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*(2 marks)*

(ii) Some Japanese motor vehicle and electronics companies have invested in overseas countries.

Give **two** reasons why the Japanese have invested outside Japan.

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



(c) (i) A conurbation has many functions. What is the meaning of the term ‘function’?

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(1 mark)

(ii) Rotterdam/Europoort, the Ruhr Conurbation, the Paris Region and the Milan/Turin/Genoa Industrial Triangle are all conurbations in the core region of the European Union (E.U.).

Name the conurbation you have studied.

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List **three** different functions of the conurbation.

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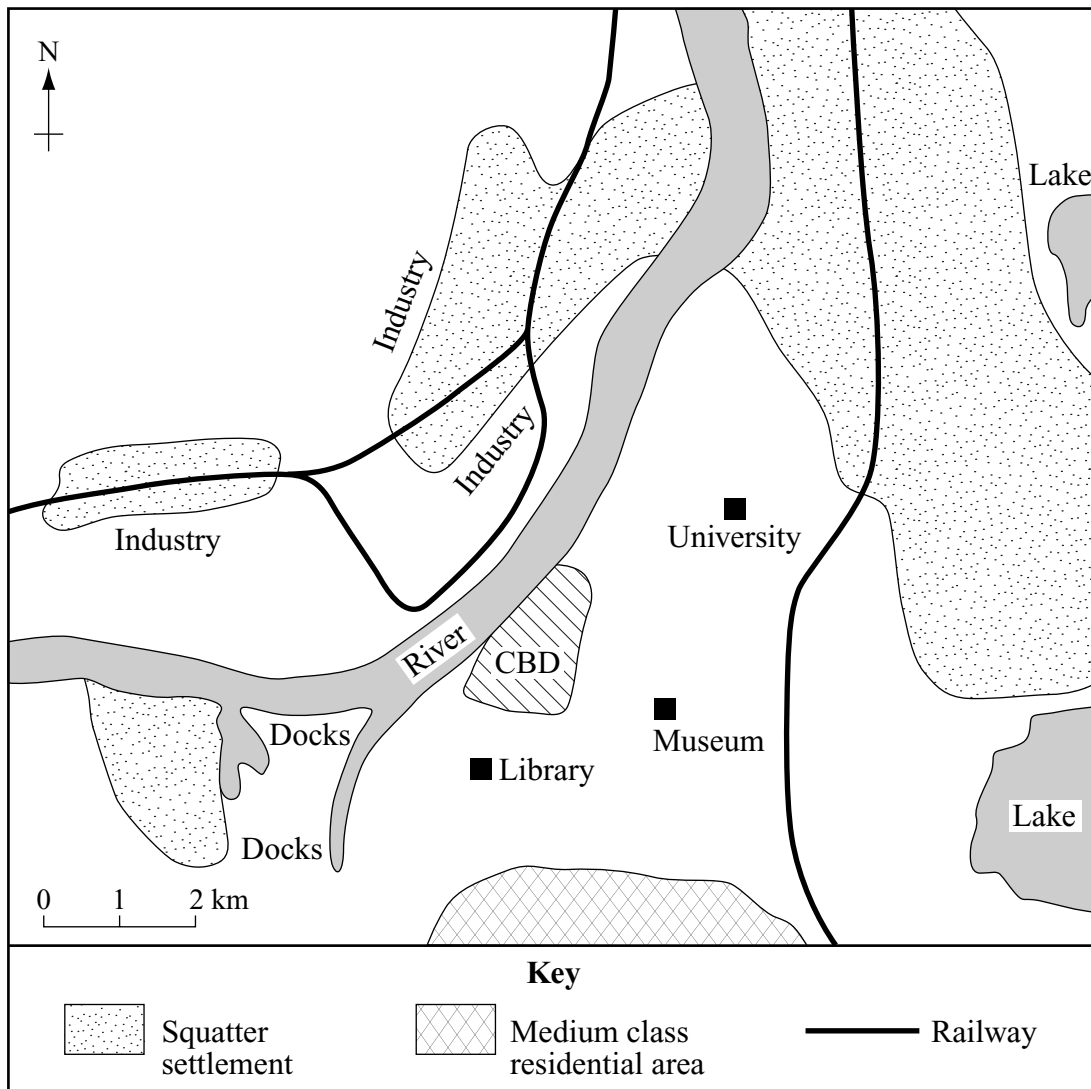
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(3 marks)

**Question 2 continues on the next page**

- (d) Study **Figure 5**, a map showing an urban area in an LEDC where squatter settlements have grown up.

**Figure 5**



Give **four** facts about the distribution of the squatter settlements.

- 1 .....
- 2 .....
- 3 .....
- 4 .....

(4 marks)

(e) Draw a labelled cross-section to show the features of a tropical storm (cyclone).



(4 marks)

20

**Turn over for the next question**

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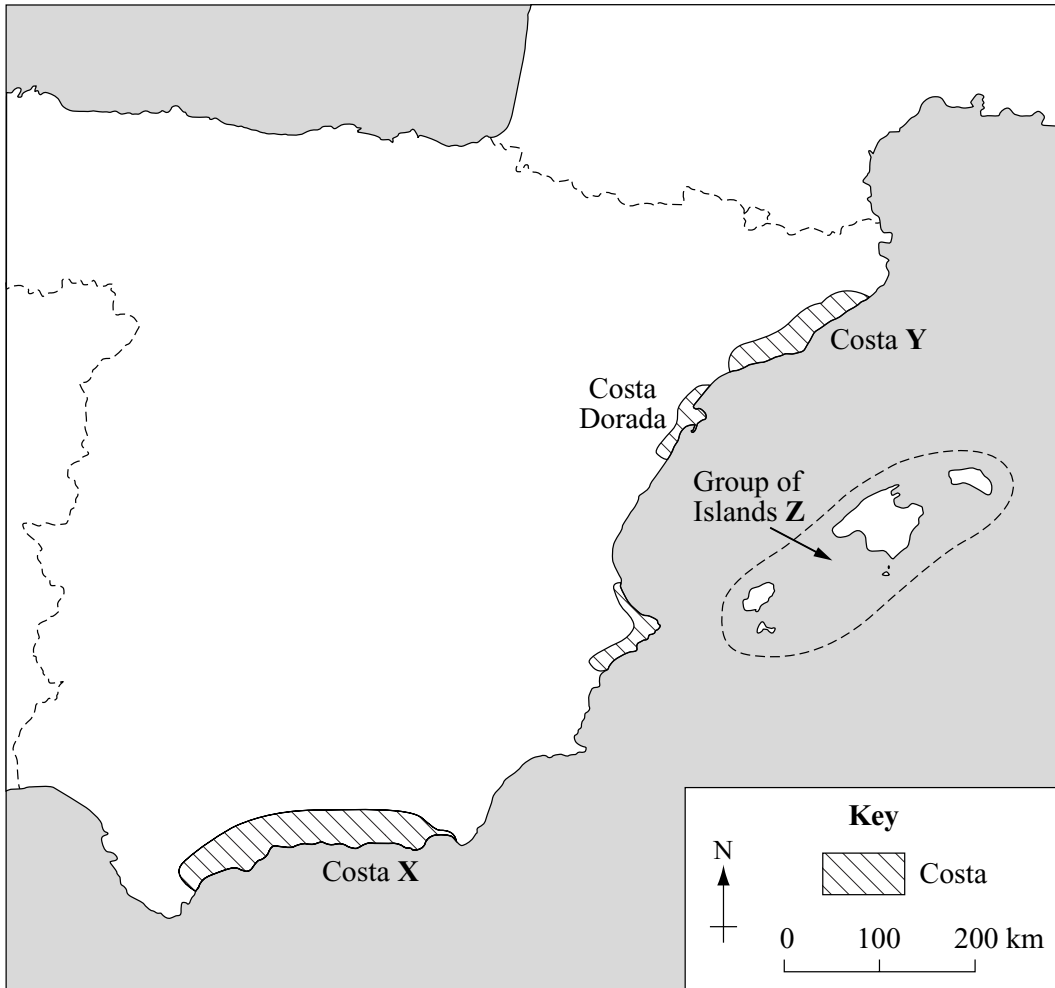
**SECTION B – THE EUROPEAN UNION**

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

**Total for this question: 30 marks**

3 (a) Study **Figure 6**, a map showing Mediterranean Spain.

**Figure 6**



(i) Name the following:

Costa X .....

Costa Y .....

Group of Islands Z .....

*(3 marks)*

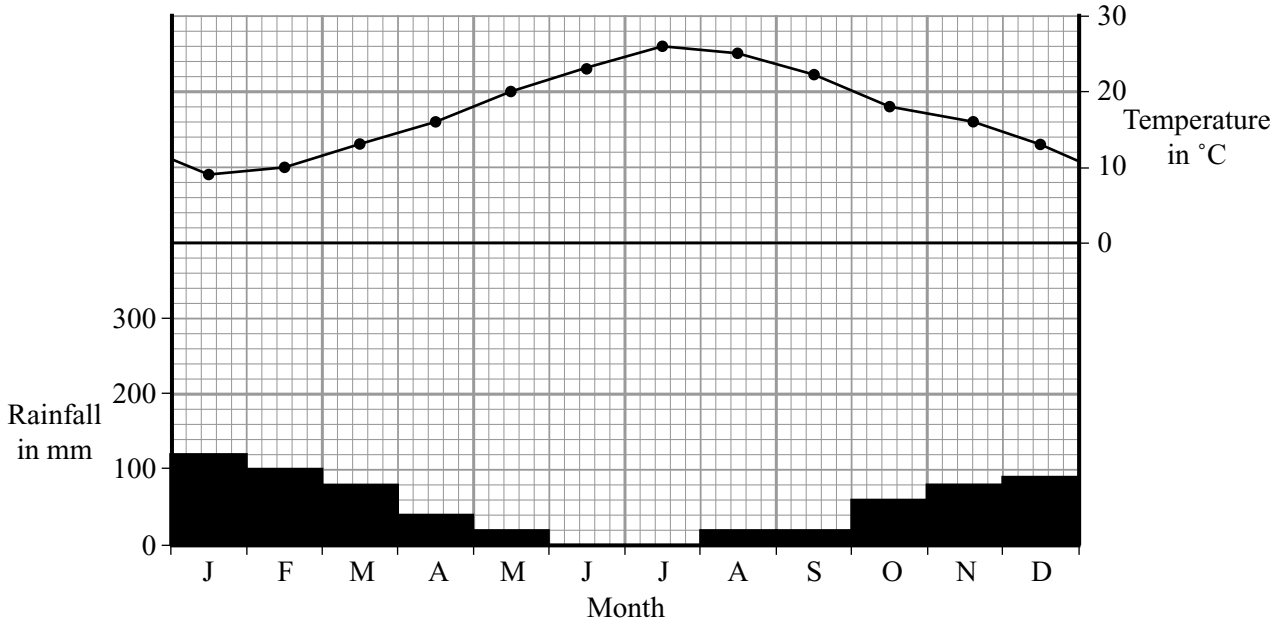
(ii) Mark and name **one** holiday resort in one of the Costas shown on the map.

*(2 marks)*

**Question 3 continues on the next page**

(b) Study **Figure 7** which shows a typical climate graph for Mediterranean Spain.

**Figure 7**



(i) Describe the main features of the climate shown in **Figure 7**.

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(4 marks)

(ii) Why is the type of climate shown in **Figure 7** attractive to tourists from Northern Europe?

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*(4 marks)*

(iii) Study **Figure 8**, a photograph on the insert, which shows a hotel complex in Mediterranean Spain.

Explain the environmental problems linked with hotel complexes such as this in Mediterranean Spain.

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*(6 marks)*

**Question 3 continues on the next page**

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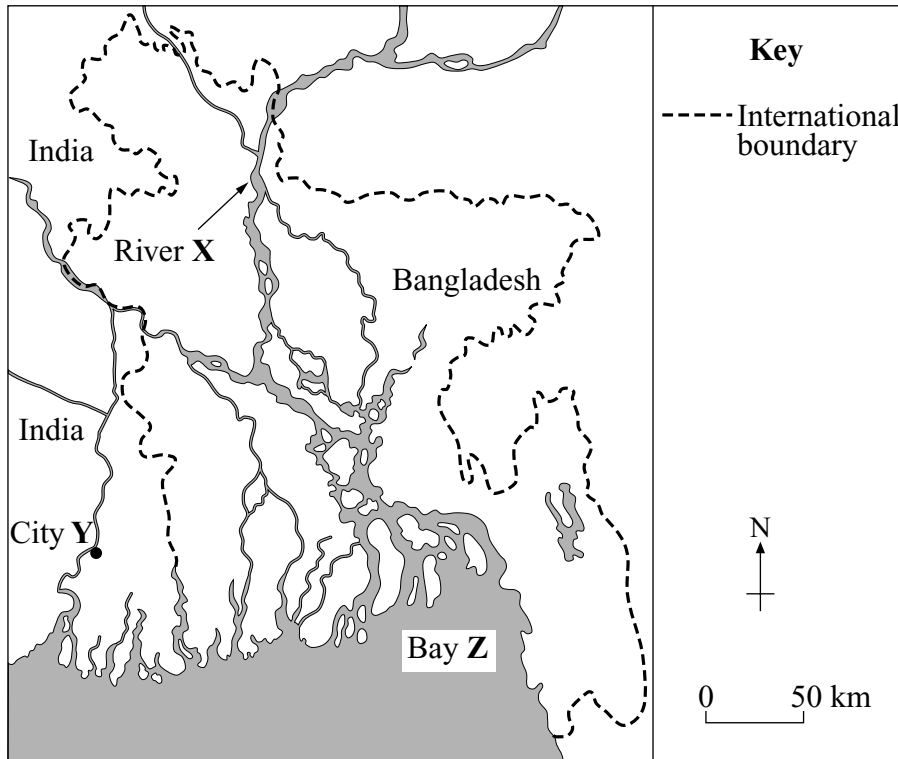
**SECTION C – THE WIDER WORLD**

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

**Total for this question: 30 marks**

4 (a) Study **Figure 10**, an outline map of the Ganges Delta.

**Figure 10**



Name the following:

River X .....

City Y .....

Bay Z .....

*(3 marks)*

(b) Explain the formation of the Ganges Delta. You may use a diagram(s) in your answer.

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- (c) In 2002 the Ganges Delta was hit by several tropical storms. The effects of one such tropical storm, together with some of the characteristics of the delta and Bangladesh, are shown in **Figure 11**.

**Figure 11**

<b>Characteristics of the Ganges Delta</b>
Large, flat, low-lying area, mainly less than 10 metres above sea level
An area of subsistence rice cultivation
Poorly developed transport network

<b>Some statistics on Bangladesh</b>
Population: 138 million
Water area: 10900 sq kms (7% of the total area)
Religion: 83% muslim
Employment: 35% in agriculture

<b>Effects of tropical storm</b>
Severe crop damage
Over 1000 people injured
5000 homeless

- (i) Using the information in **Figure 11** and your own knowledge, explain the likely effects of tropical storms in the Ganges Delta.

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(iii) Describe the physical advantages for subsistence rice farming in the Ganges Delta.

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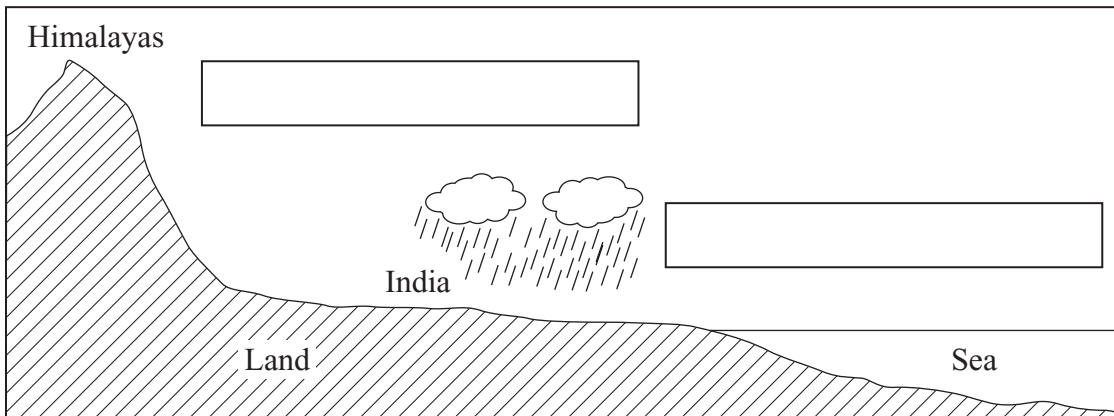
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(4 marks)

(d) **Figure 12** shows an area with a tropical monsoon climate in summer.

**Figure 12**



(i) Complete **Figure 12** by putting each of the following labels in the correct box.

**low pressure**

**high pressure**

(1 mark)

(ii) On the diagram draw **an arrow** to show the direction of the wind **in summer**.

(1 mark)

(iii) Explain how the tropical monsoon is caused in summer.

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*(4 marks)*

<b>30</b>

**Turn over for the next question**

**SECTION D – GLOBAL ISSUES**

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

**Total for this question: 30 marks**

- 5 (a) Study **Figure 13** on the insert, which shows the world distribution of international aid.

Describe the world distribution of international aid.

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*(4 marks)*

- (b) What is the difference between bilateral aid and multilateral aid?

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*(2 marks)*

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

Describe the main features of the development project that you have studied and say how the project has helped the local people.

Name of development project .....

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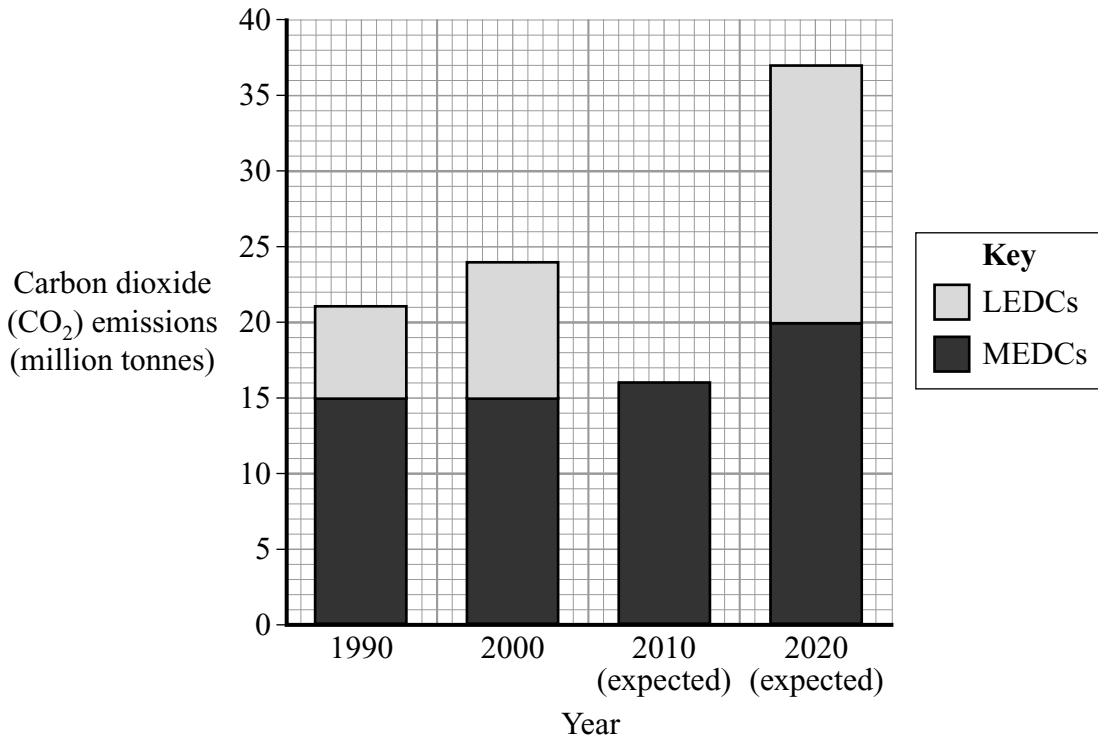
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- (d) Study **Figure 14**, a graph which gives information about world carbon dioxide (CO<sub>2</sub>) emissions from 1990 to 2020.

**Figure 14**



- (i) The carbon dioxide emissions for LEDCs are expected to be 11 million tonnes in 2010.

Use this information to complete **Figure 14**.

*(1 mark)*

- (ii) Compare the changes in the carbon dioxide emissions in LEDCs with those in MEDCs between 1990 and 2020.

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*(4 marks)*



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