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For Examiner's Use

General Certificate of Secondary Education
June 2008

GEOGRAPHY (SPECIFICATION B)
Paper 2
Higher Tier

3032/2H
H



Thursday 12 June 2008 1.30 pm to 3.30 pm

<p>For this paper you must have:</p> <ul style="list-style-type: none"> the insert (enclosed) a ruler. <p>You may use a calculator.</p>
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Time allowed: 2 hours

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 120.
- 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.

Advice

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

For Examiner's Use			
Question	Mark	Question	Mark
1		5	
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3			
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Total (Column 1)		→	
Total (Column 2)		→	
TOTAL			
Examiner's Initials			



SECTION A

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

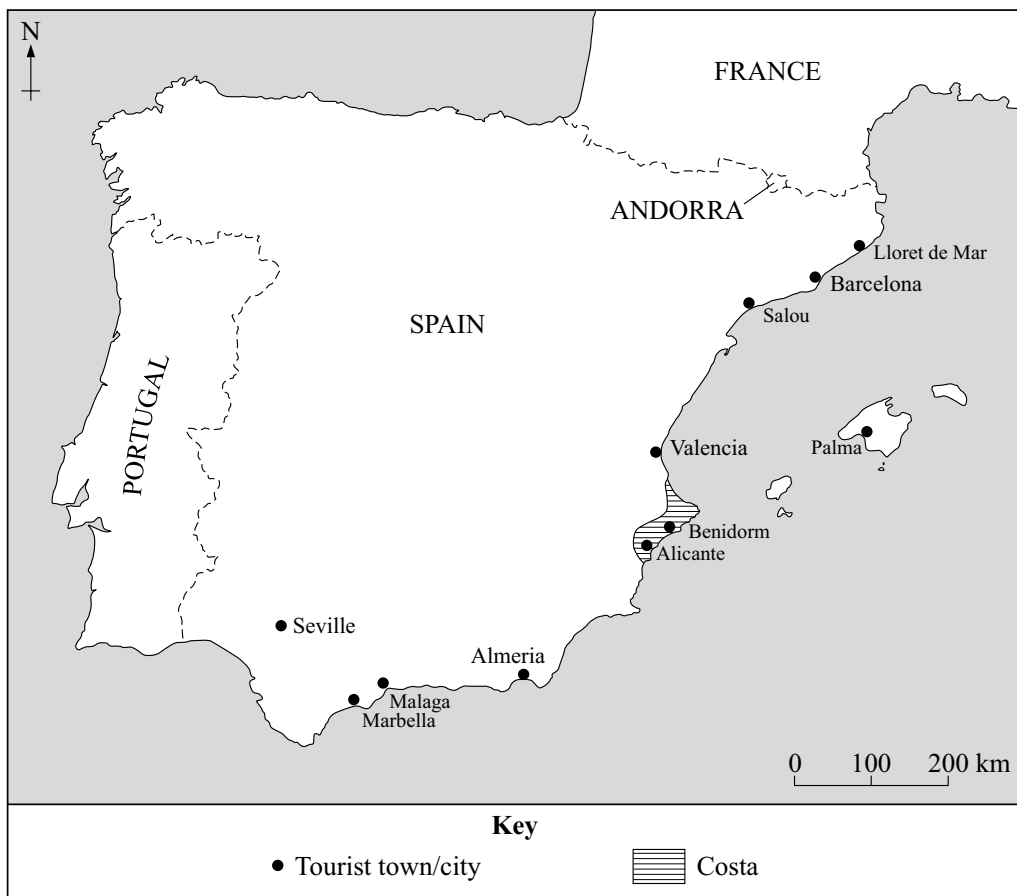
Use your case studies to support your answers where appropriate.

Total for this question: 10 marks

1 (a) Each of the questions (a) (i) to (a) (v) is followed by four possible answers. For each question, tick the correct answer.

1 (a) (i) Study **Figure 1** which shows some of the tourist areas in Mediterranean Spain.

Figure 1



What is the name of the Costa shaded on the map?

Costa del Sol

Costa Blanca

Costa Brava

Costa Dorada

(1 mark)



1 (a) (ii) Sometimes LEDCs do **not** have to repay money to MEDCs or to the World Bank. This is called:

Bilateral Aid

Official Aid

Debt Relief

Multilateral Aid

(1 mark)

1 (a) (iii) The IMP has provided recent investment in the Mezzogiorno in Southern Italy. What is the meaning of the term IMP?

Integrated Monetary Programme

Important Mezzogiorno Programme

Investment in Mezzogiorno Project

Integrated Mediterranean Programme

(1 mark)

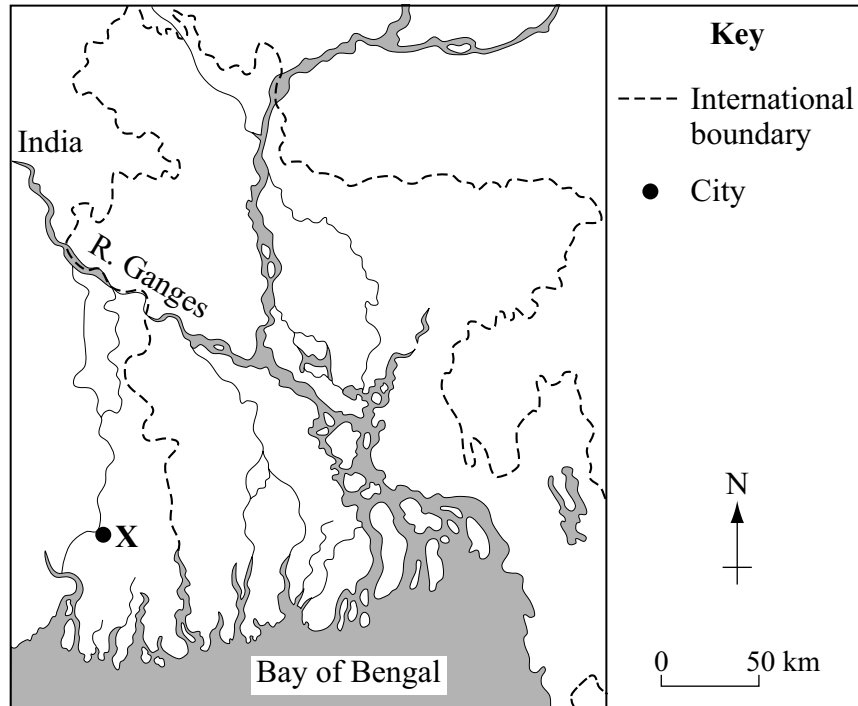
Question 1 continues on the next page

Turn over ►



1 (a) (iv) Study **Figure 2** which shows the Ganges Delta.

Figure 2



What is the name of the city shown at Location X?

Dhaka (Dacca)

Kolkata (Calcutta)

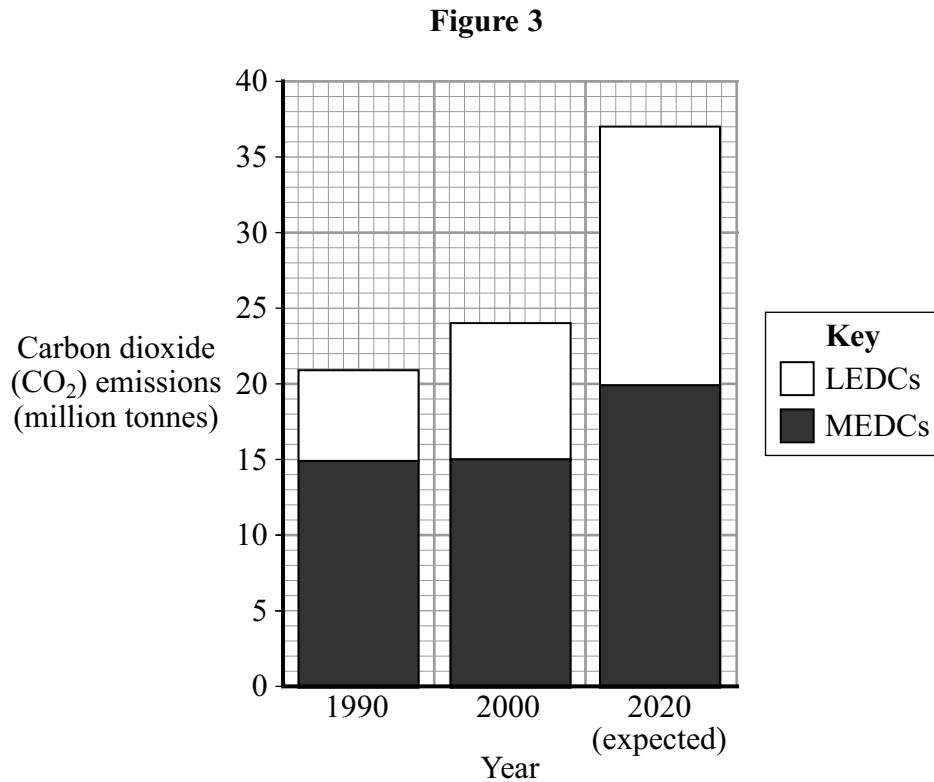
Bangladesh

Brahmaputra

(1 mark)



- 1 (a) (v) Study **Figure 3** which shows changes in world carbon dioxide (CO₂) emissions between 1990 and 2020.



What is the expected change in CO₂ emissions in LEDCs from 1990 to 2020?

An increase of 16 million tonnes

An increase of 11 million tonnes

An increase of 5 million tonnes

A decrease of 3 million tonnes

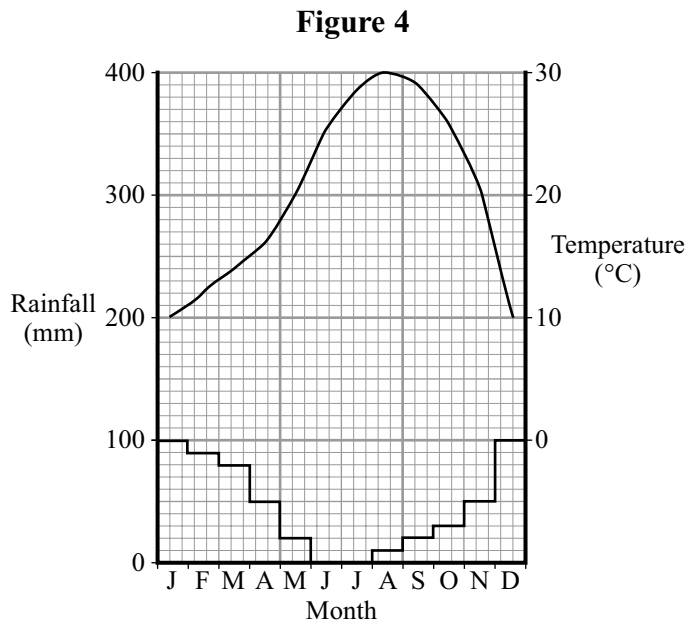
(1 mark)

Question 1 continues on the next page

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1 (b) Study **Figure 4** which shows a climate graph.



1 (b) (i) Using **Figure 4** only, describe the main features of the climate.

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(4 marks)

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1 (b) (ii) Name the type of climate shown in **Figure 4**.

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(1 mark)

10

Turn over for the next question

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Total for this question: 20 marks

- 2 (a) **Figures 5a to 5d** show sketch maps of four conurbations in Europe.

Choose the conurbation that you have studied.

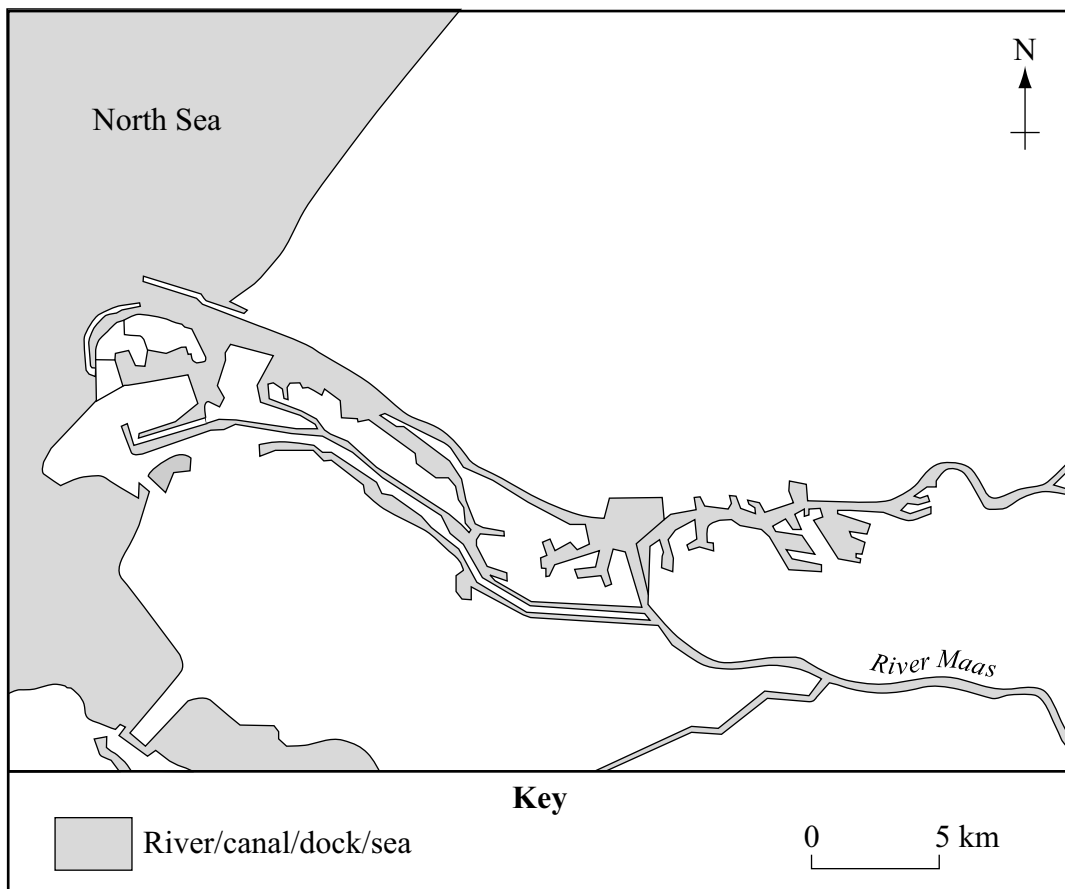
Using the information given, add **four** features of your chosen conurbation to the sketch map.

EITHER

Rotterdam – Europoort

River Rhine
Rotterdam
Botlek
Europoort
Maasvlaakte
Hook of Holland
New Waterway

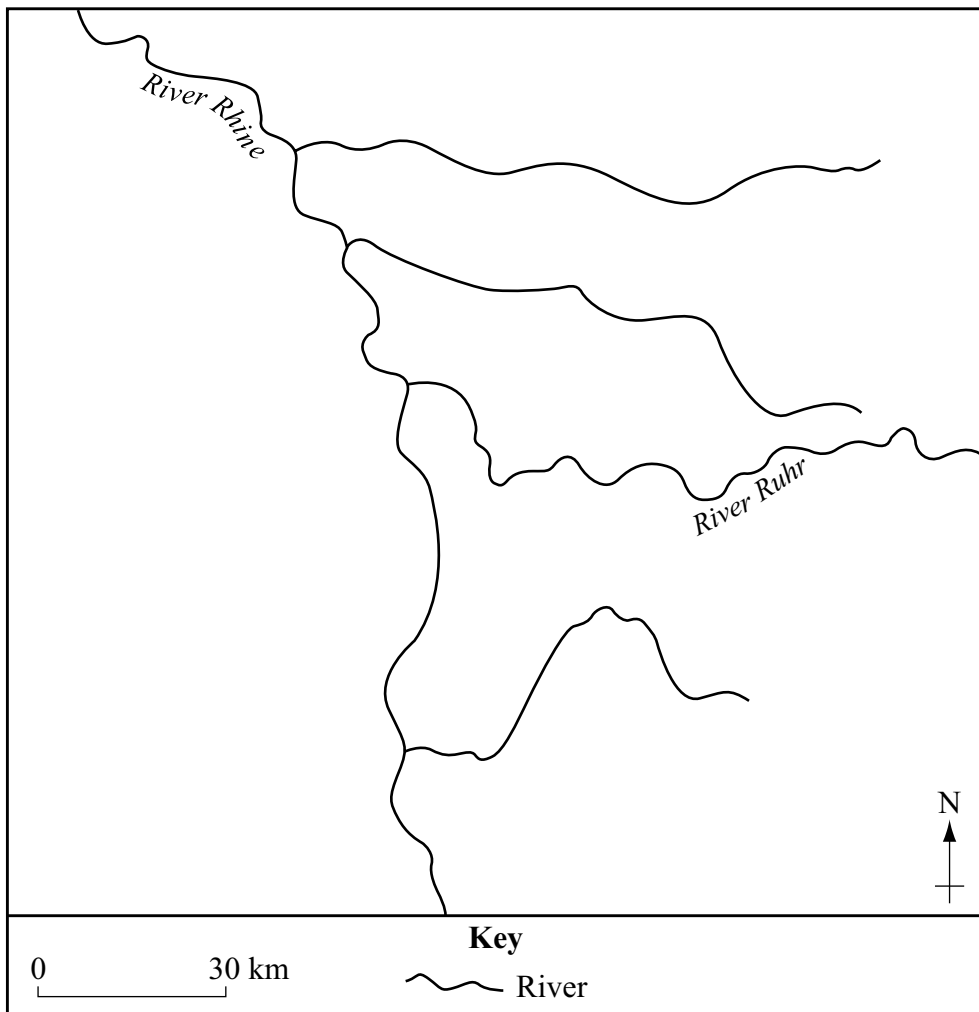
Figure 5a



OR The Ruhr Conurbation

- Exposed coalfield
- Concealed coalfield
- River Lippe
- River Emscher
- Duisburg
- Dortmund
- Düsseldorf

Figure 5b



Question 2 continues on the next page

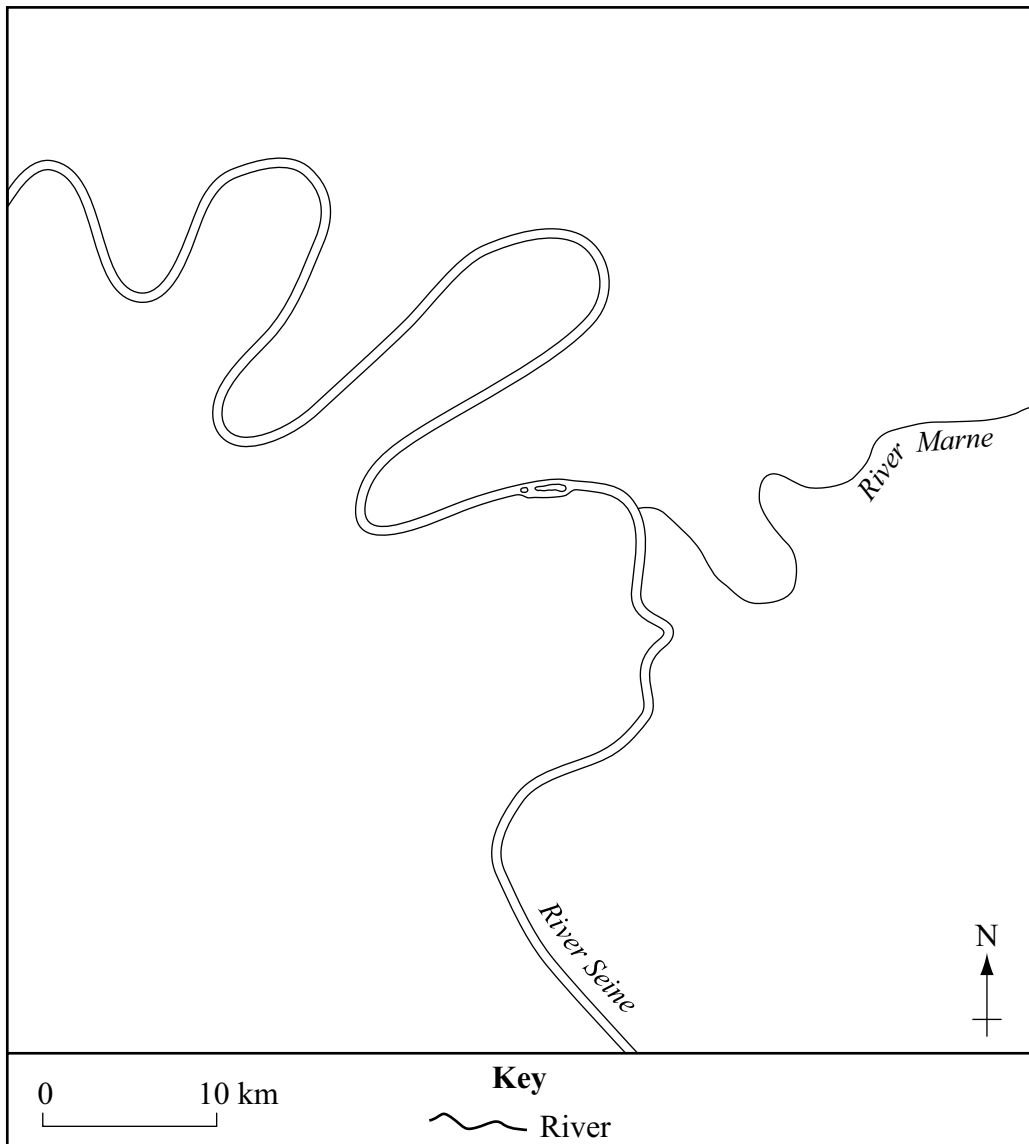
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OR The Paris Region

River Oise
Ile de la Cité
A named New Town such
as Evry
Boulevard Périphérique
Charles de Gaulle airport
Orly airport
Edge of Greater Paris

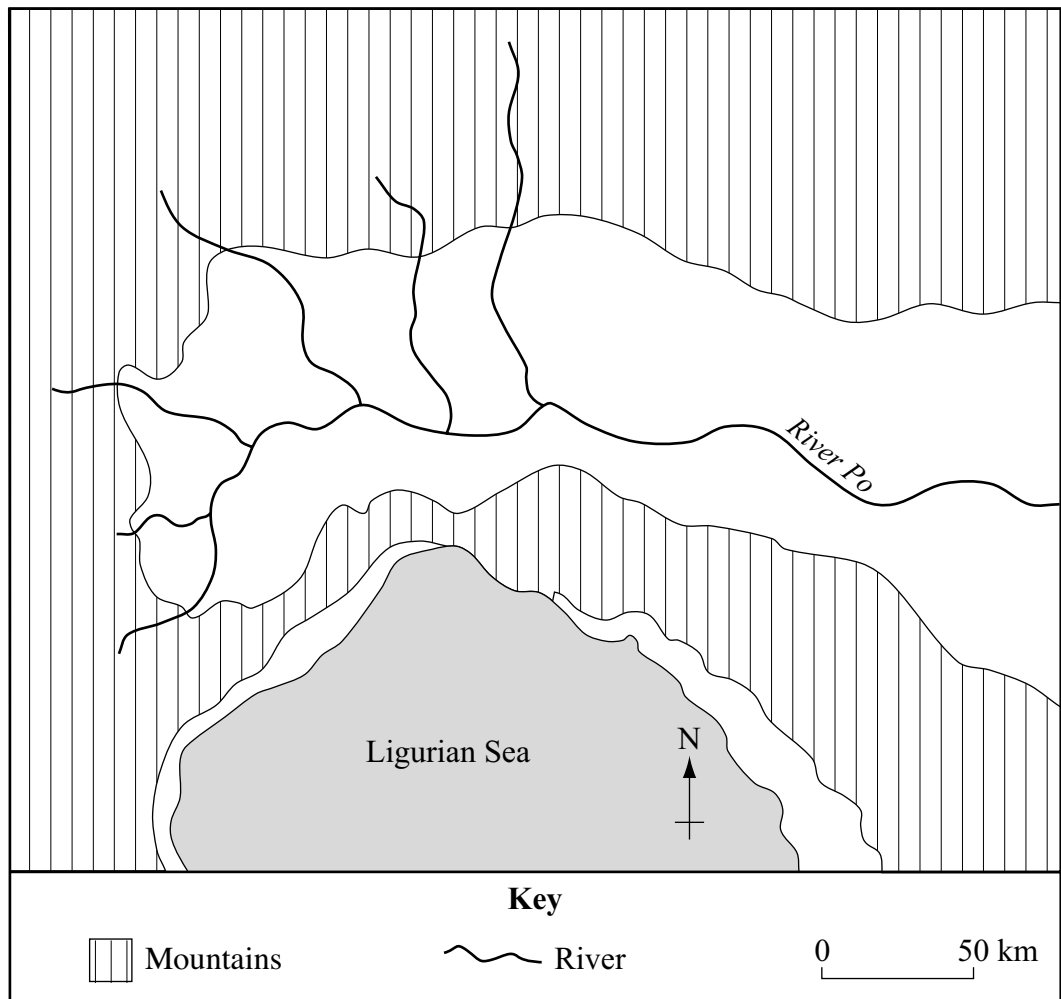
Figure 5c



OR The Milan/Turin/Genoa Industrial Triangle

- Northern border of Italy
- Piedmont
- Milan
- Turin
- Genoa
- Alps
- Apennines

Figure 5d



(4 marks)

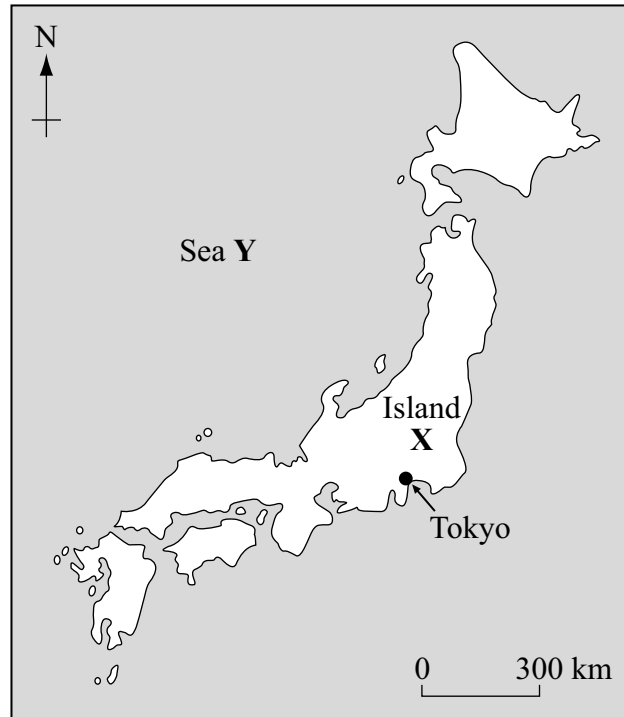
Question 2 continues on the next page

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- 2 (b) Study **Figure 6** which shows a map of Japan.

Figure 6



- 2 (b) (i) Name Island **X**.

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(1 mark)

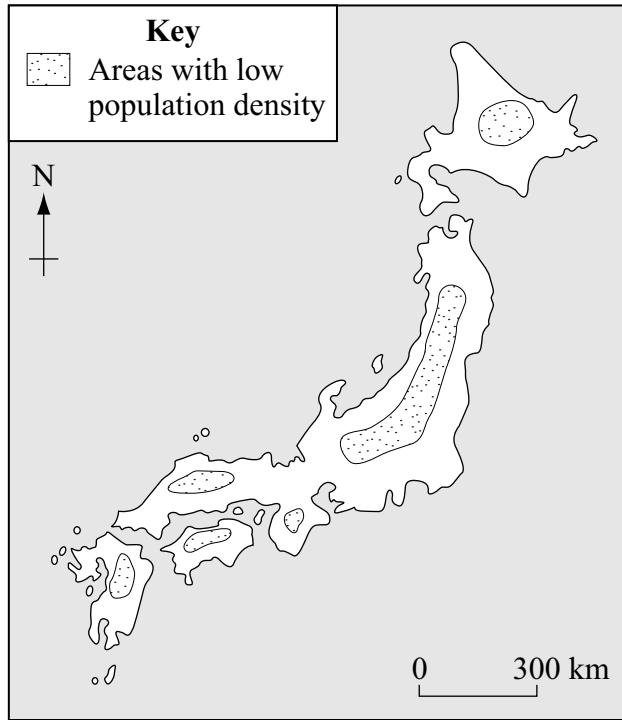
- 2 (b) (ii) Name Sea **Y**.

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(1 mark)



2 (b) (iii) Study **Figure 7** which shows a map of Japan.

Figure 7



Explain why the areas shaded on **Figure 7** have low population density.

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2 (c) Study **Figures 8a** and **8b** which give information about the imports and exports of Japan.

Figure 8a

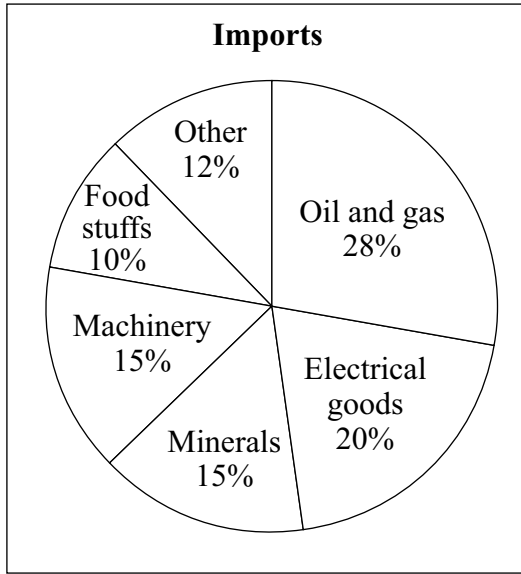
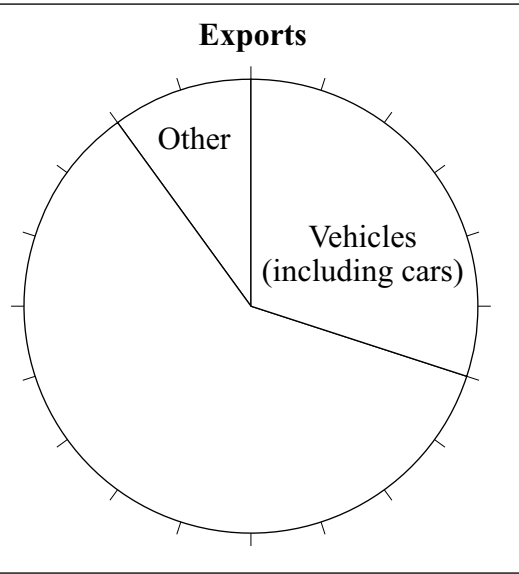


Figure 8b



2 (c) (i) Use the information in the following table to complete the pie graph, **Figure 8b**.

Type of Export	Percentage
Electrical goods	30
Machinery	25
Iron and steel	5

(2 marks)

2 (c) (ii) Using **Figures 8a** and **8b**, compare the imports of Japan with the exports of Japan.

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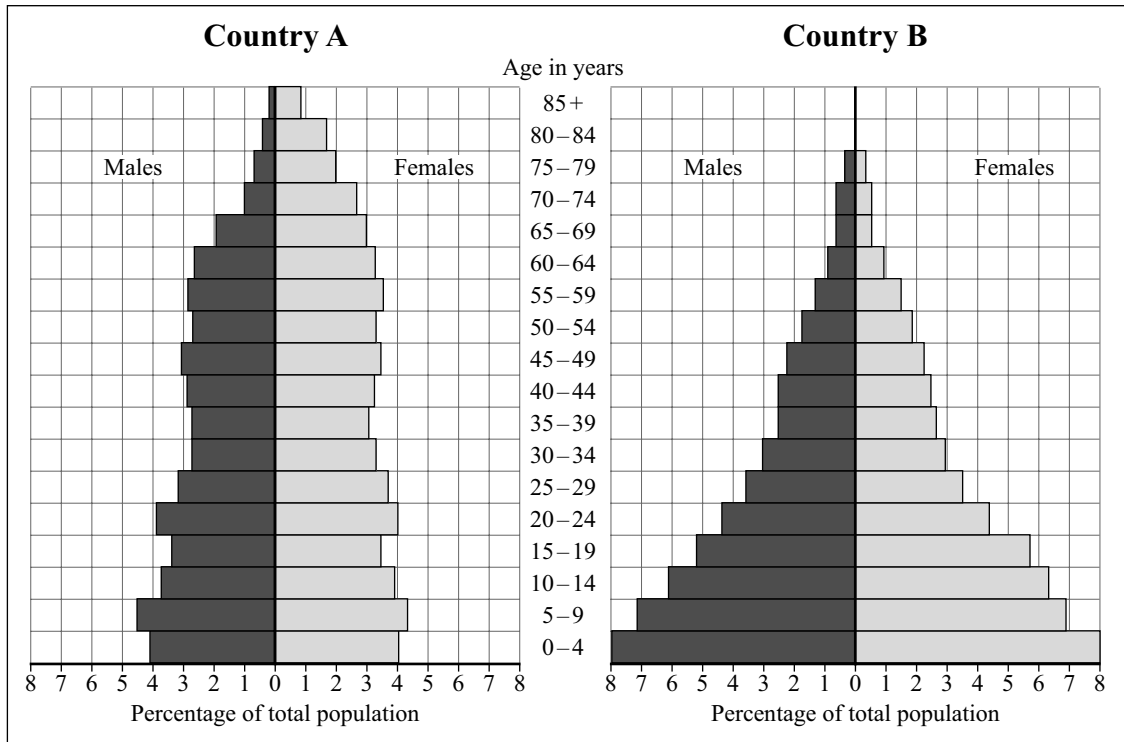
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2 (d) Study **Figure 9** which shows population pyramids for two countries.

Figure 9



2 (d) (i) In **Country A**, what percentage of the population are female aged between 60 and 74?
% (1 mark)

2 (d) (ii) In **Country B**, what percentage of the population are children under the age of 5?
% (1 mark)

2 (d) (iii) Explain why the shape of the population pyramid for **Country A** is typical of an MEDC.

 (2 marks)



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: 30 marks

3 (a) (i) Describe the characteristics of the periphery of the European Union (EU).

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3 (a) (ii) The following policies have been introduced by the EU:

Common Agricultural Policy

Structural Fund

European Investment Bank.

Choose **one** of the policies **or** another you have studied.

Name of Policy:

State its main aims:

.....

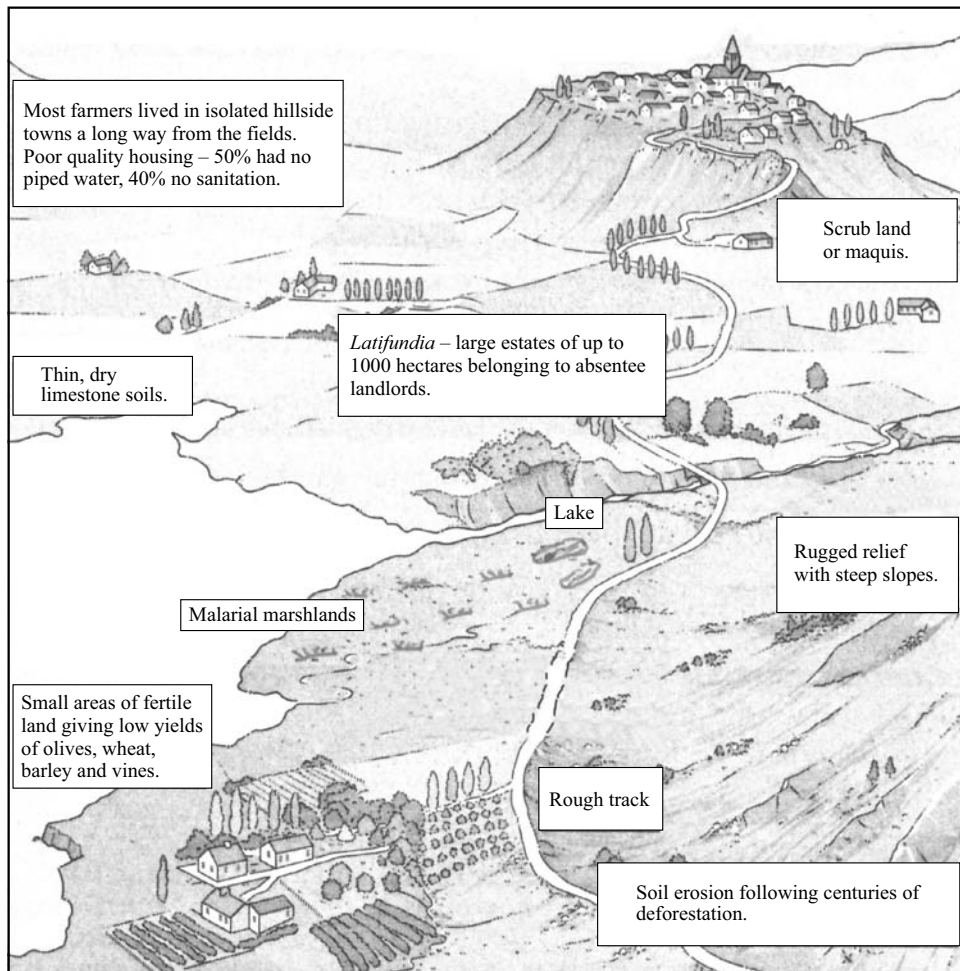
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(2 marks)

3 (b) Study **Figure 10** which is a sketch of a traditional landscape in the Mezzogiorno.

Figure 10



3 (b) (i) Using **Figure 10** and your own knowledge, describe the **physical** factors which have led to migration from the Mezzogiorno.

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3 (b) (ii) Describe the **human** push factors that have led to migration from the Mezzogiorno.

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3 (c) Name the English port, with links to Europe, that you have studied.

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3 (c) (i) Name a road link to this port.

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(1 mark)

3 (c) (ii) For **one** major English port that you have studied, describe the facilities (infrastructure) for handling passengers and cargo.

Name of Port

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SECTION C – THE WIDER WORLD

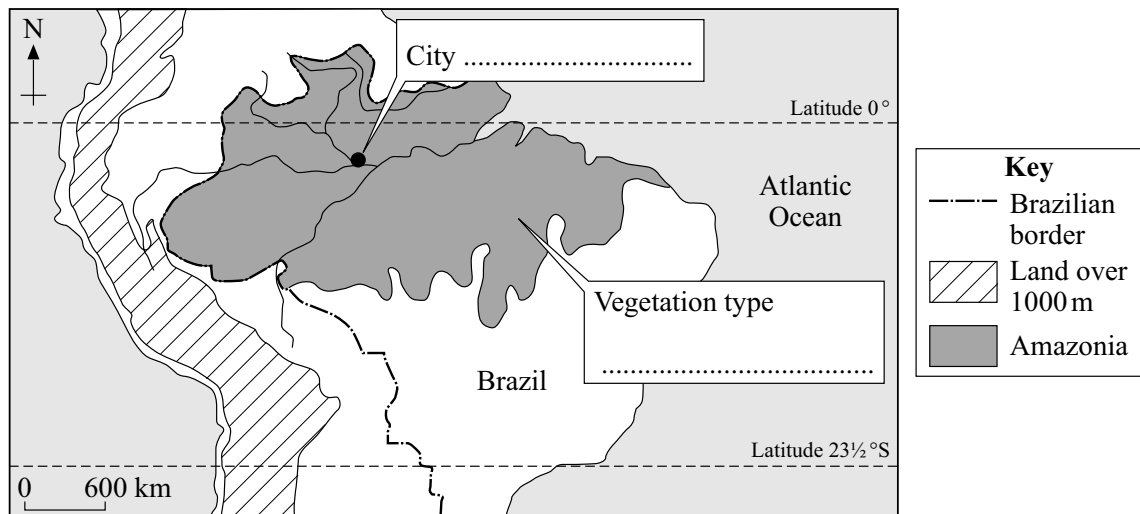
Answer **all** questions in the spaces provided.

Use your case studies to support your answers where appropriate.

Total for this question: 30 marks

- 4 (a) Study **Figure 11** which shows a map of Amazonia.

Figure 11



On **Figure 11**, name the city and the vegetation type in the boxes provided.

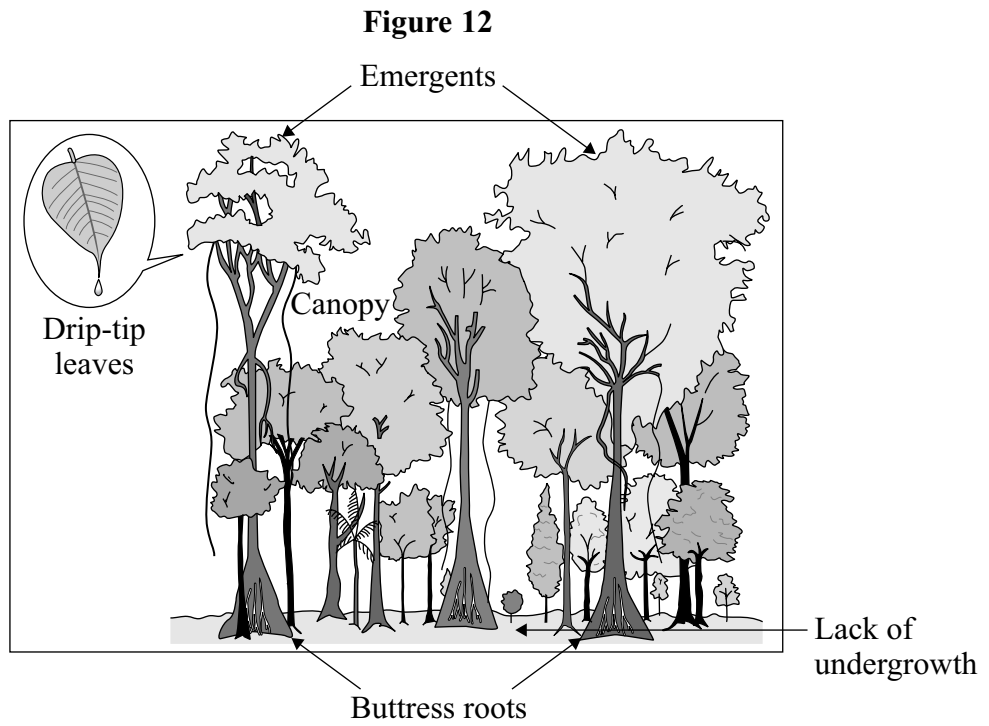
(2 marks)

Question 4 continues on the next page

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4 (b) Study **Figure 12** which is a sketch of the natural vegetation in Amazonia.



4 (b) (i) Explain how the natural vegetation has adapted to the climate.

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4 (b) (ii) Explain how this environment will change when the natural vegetation has been removed.

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4 (b) (iii) Study **Figure 13** which gives details about a tourist hotel in Amazonia.

Figure 13

THE AMAZONIA LODGE – BRAZIL

- The Lodge is reached by boat along the River Negro.
- Native guides provide education about the local plants.
- All sewage is recycled.
- There is an observation tower and a canopy walkway providing views of the area.
- Trees cut down to build the hotel and walkway are replanted.
- Native people are employed at the Lodge.

Using **Figure 13** and your own knowledge, explain how the development of Ecotourism in Amazonia contributes to sustainable development.

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4 (c) Study **Figure 14**, a photograph on the insert, which shows rice farming in the Ganges Delta.

4 (c) (i) Using **Figure 14** and your own knowledge, describe the advantages of the area for rice farming.

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4 (c) (ii) Describe the sequence of activities involved in rice farming.

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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: 30 marks

- 5 (a)** Study **Figure 15**, a map on the insert, which shows changes in the percentage urban populations 1970–2020.

Using **Figure 15** only, describe the changes in the percentage urban populations 1970–2020 in MEDCs.

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- 5 (b)** Explain the high percentage growth rate of the urban population in LEDCs.

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 (4 marks)

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5 (c) Squatter settlements in large urban areas in LEDCs often have an informal sector of employment.

5 (c) (i) Using examples, explain why many people work in the informal sector.

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5 (d) What is the meaning of the term ‘greenhouse effect’?

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(3 marks)

Question 5 continues on the next page

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5 (e) Study **Figure 16** which shows flood risk areas in England and Wales.

Figure 16 cannot be reproduced here due to third-party copyright constraints.

Rising sea levels and increased flood risk are possible effects of global warming. Using **Figure 16** and your own knowledge, describe the effects of rising sea levels and flooding.

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END OF QUESTIONS



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Question 3 Figure 9: Reproduced with the permission of Nelson Thornes, from *The New Wider World Coursemate* for AQA B GCSE Geography, LYNDA EVANS. ISBN 9780748790746, first printed in 2005.

Question 4 Figure 14: International Rice Research Institute.

Question 5 Figure 15: D WAUGH, *Geography: An Integrated Approach*, 1995, Nelson Thornes.

Figure 16: © *The Sunday Times*, October 2000.

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Insert

For use with Question 4
Foundation Tier – Figure 14
Higher Tier – Figure 14



For use with Question 5
Foundation Tier – Figure 16
Higher Tier – Figure 15

