

Surname						Other Names					
Centre Number						Candidate Number					
Candidate Signature											

For Examiner's Use
--------------------

General Certificate of Secondary Education  
June 2008

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

**3032/2F**  
**F**



Thursday 12 June 2008 1.30 pm to 3.30 pm

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

For Examiner's Use			
Question	Mark	Question	Mark
1		5	
2			
3			
4			
Total (Column 1) →			
Total (Column 2) →			
TOTAL			
Examiner's Initials			

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**.



## 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) (vi) 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)

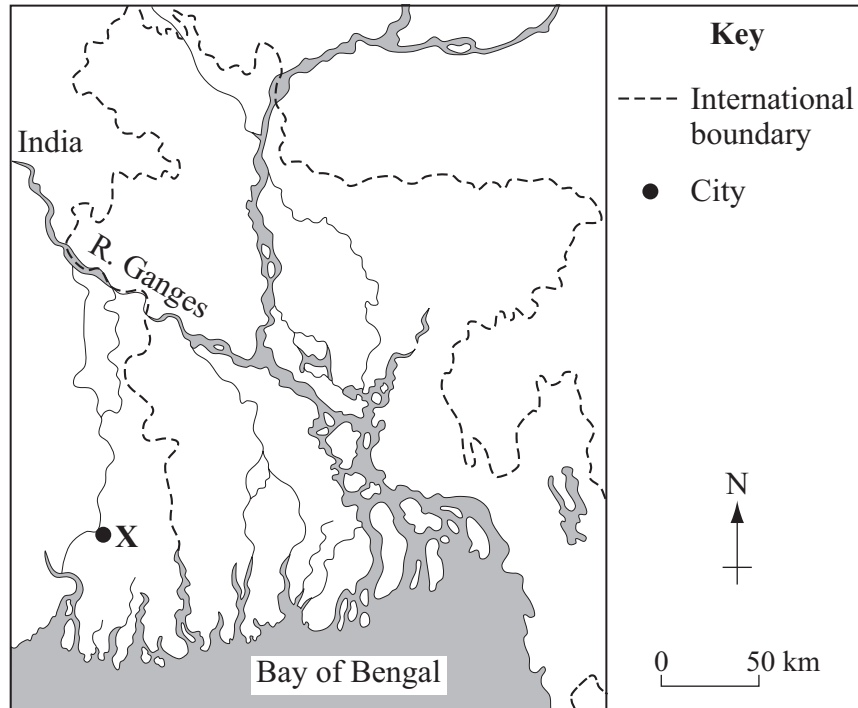
**Question 1 continues on the next page**

**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)

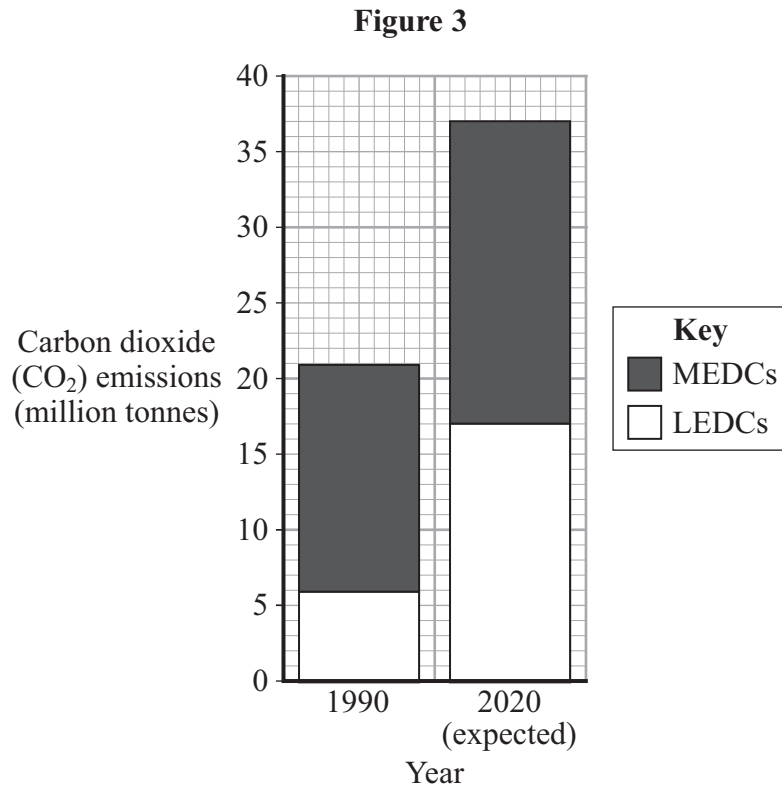
Bangladesh

Brahmaputra

(1 mark)



- 1 (a) (v) Study **Figure 3** which shows changes in world carbon dioxide (CO<sub>2</sub>) emissions between 1990 and 2020.



What is the expected change in CO<sub>2</sub> 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**

**Turn over** ►



1 (a) (vi) Which **one** of the following factors affects the birth rate of a country?

Unemployment

Hot, wet climate

Children help farm the land

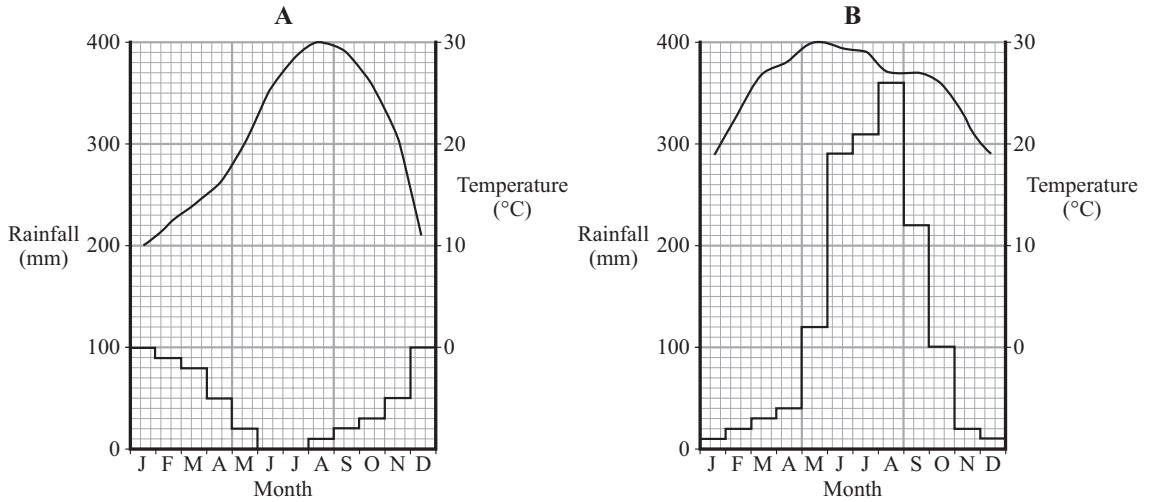
Population density

*(1 mark)*



1 (b) Study **Figure 4** which shows two climate graphs.

**Figure 4**



For each of the following, tick the correct answer.

- |   |   |  |  |
|---|---|--|--|
| <p>1 (b) (i) Which graph has a winter maximum of rainfall?</p>        | <p><b>A B</b></p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> </table> <p>(1 mark)</p> |  |  |
|   |   |  |  |
| <p>1 (b) (ii) Which graph has an annual rainfall of over 1000 mm?</p> | <p><b>A B</b></p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> </table> <p>(1 mark)</p> |  |  |
|   |   |  |  |
| <p>1 (b) (iii) Which graph has the larger range of temperature?</p>   | <p><b>A B</b></p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> </table> <p>(1 mark)</p> |  |  |
|   |   |  |  |
| <p>1 (b) (iv) Which graph shows a Mediterranean type of climate?</p>  | <p><b>A B</b></p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> </table> <p>(1 mark)</p> |  |  |
|   |   |  |  |

Turn over for the next question

Turn over ►



**Total for this question: 20 marks**

- 2 (a) Choose the paragraph about the conurbation in the European Union (EU) that you have studied.

Complete the sentences by drawing a circle around the correct word(s) in each pair of brackets.

**EITHER**

**Rotterdam/Europoort**

Rotterdam/Europoort is situated at the mouth of the River [**Ruhr** / **Rhine**]. The river has been straightened and deepened to create the [**New Waterway** / **Maasvlaakte**].

Rotterdam's [**central business district** / **hinterland**] has grown and now reaches far inland into Germany and Switzerland. RoRo ferries from the UK dock at the [**Hook of Holland** / **Botlek**]. The port has expanded [**eastward** / **westward**] towards the North Sea and land has been reclaimed from the sea for new industry.

**OR**

**The Ruhr Conurbation**

The Ruhr conurbation developed on a coalfield. The coal seams were exposed at the surface in the [**north** / **south**] of the coalfield. The coal provided the power for [**heavy** / **light**] industry like iron and steel. Today, many of the industries have changed to footloose industries like [**textiles** / **electronics**]. Goods can be exported via the River Rhine and the [**Bochum** / **Dortmund-Ems**] canal. The largest inland port in Europe can be found at [**Duisburg** / **Essen**].





**OR**

**The Paris Region**

The original site of Paris was the Ile de la Cité, a crossing point on the River [Seine / Marne]. The situation of Paris makes it an important route centre and France's main airport of Charles de Gaulle is to the [north / south] of the city. Paris is an educational centre and many students attend the famous [Sorbonne / Nanterre] university. Paris is also a major industrial centre and produces 40% of French cars, including [Peugeot / Volvo] models. Newer high-tech industries are located in the [centre / suburbs] at places such as Poissy.

**OR**

**The Milan/Turin/Genoa Industrial Triangle**

The industrial triangle developed at the [western / eastern] end of the valley of the River Po. There are good communication links to [France / Spain] using the Alpine passes such as the Simplon. Goods can be exported from [Turin / Genoa], a deep water port on the Mediterranean Sea. The area is also important for car manufacturing and the Fiat car works is located at [Turin / Milan]. [Coal / HEP] from the Alps provides the energy for the industry of the area.

*(5 marks)*

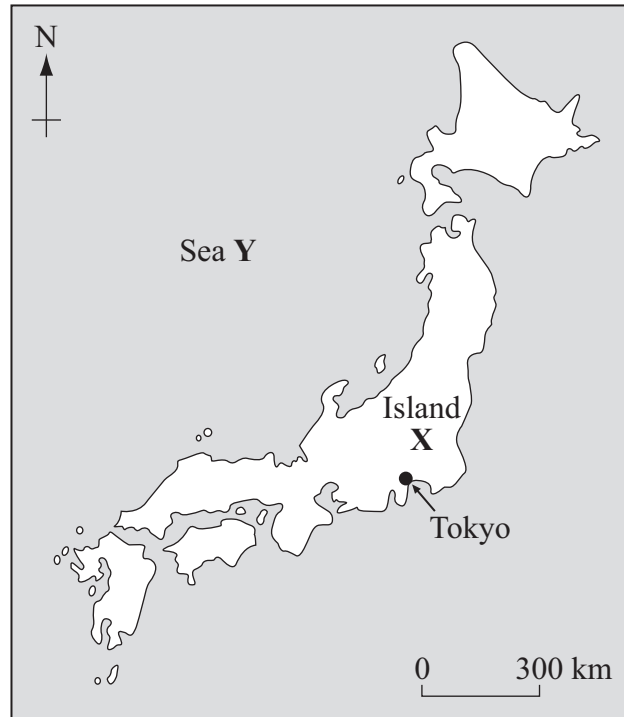
**Question 2 continues on the next page**

**Turn over ►**



- 2 (b) Study **Figure 5** which shows a map of Japan.

**Figure 5**



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

.....  
(1 mark)

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

.....  
(1 mark)



**Question 2 continues on the next page**

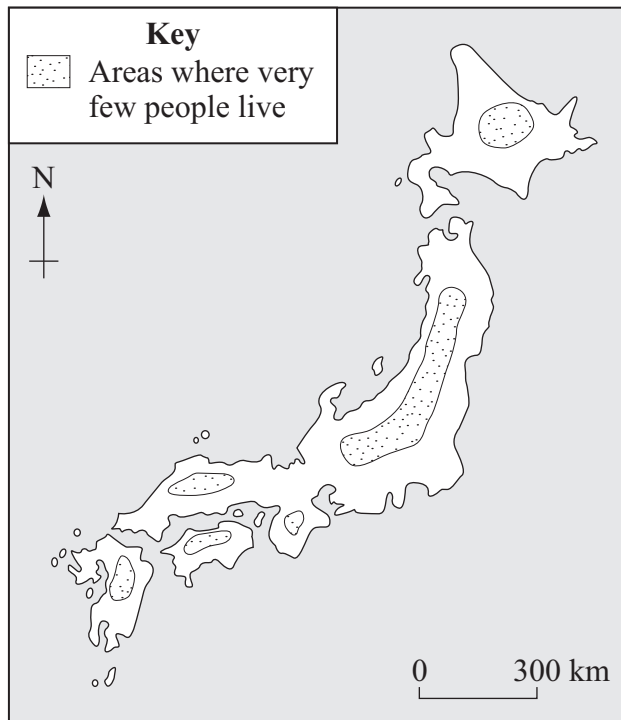
**DO NOT WRITE ON THIS PAGE  
ANSWER IN THE SPACES PROVIDED**

**Turn over** ►

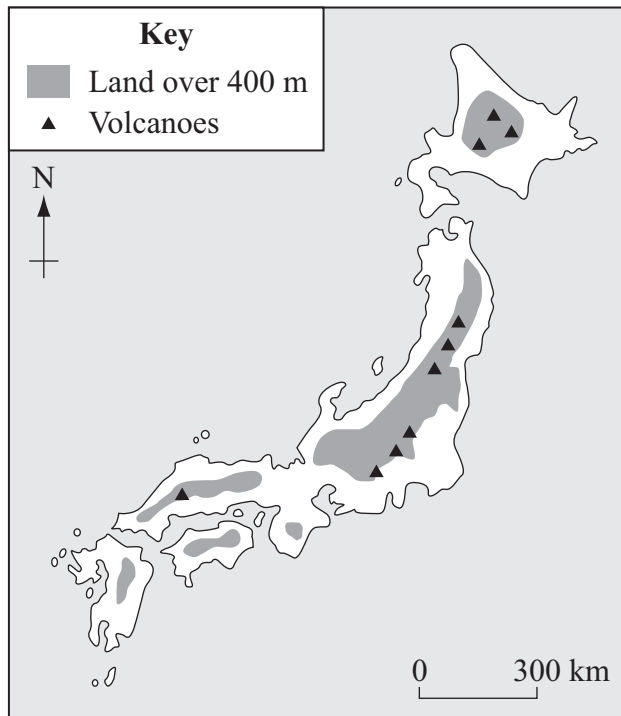


2 (b) (iii) Study **Figures 6a** and **6b** which show two maps of Japan.

**Figure 6a**



**Figure 6b**



Using **Figure 6b** and your own knowledge, explain why few people wish to live in the areas shaded on **Figure 6a**.

.....

.....

.....

.....

.....

.....

.....

.....

.....

*(4 marks)*

*(Extra space)* .....

.....

.....

.....

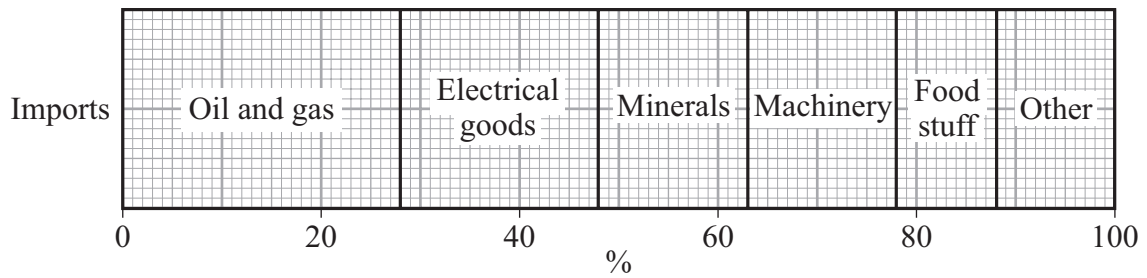
**Question 2 continues on the next page**

**Turn over** ►

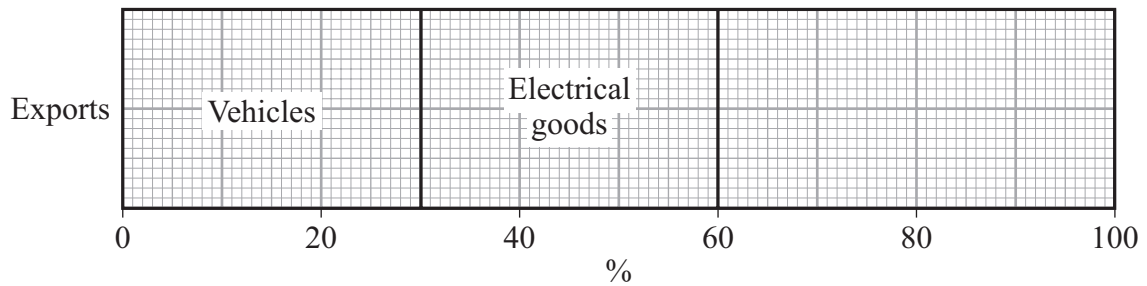


2 (c) Study **Figures 7a** and **7b** which give information about the imports and exports of Japan.

**Figure 7a**



**Figure 7b**



2 (c) (i) Use the information in the following table to complete the bar graph, **Figure 7b**.

Type of Export	Percentage
Machinery	25
Iron and steel	5
Other	10

(2 marks)

2 (c) (ii) What is the meaning of the term 'import'?

.....

.....

(1 mark)



2 (c) (iii) Give **two** differences between the imports and exports of Japan shown in **Figures 7a** and **7b**.

1 .....

.....

2 .....

.....

(2 marks)

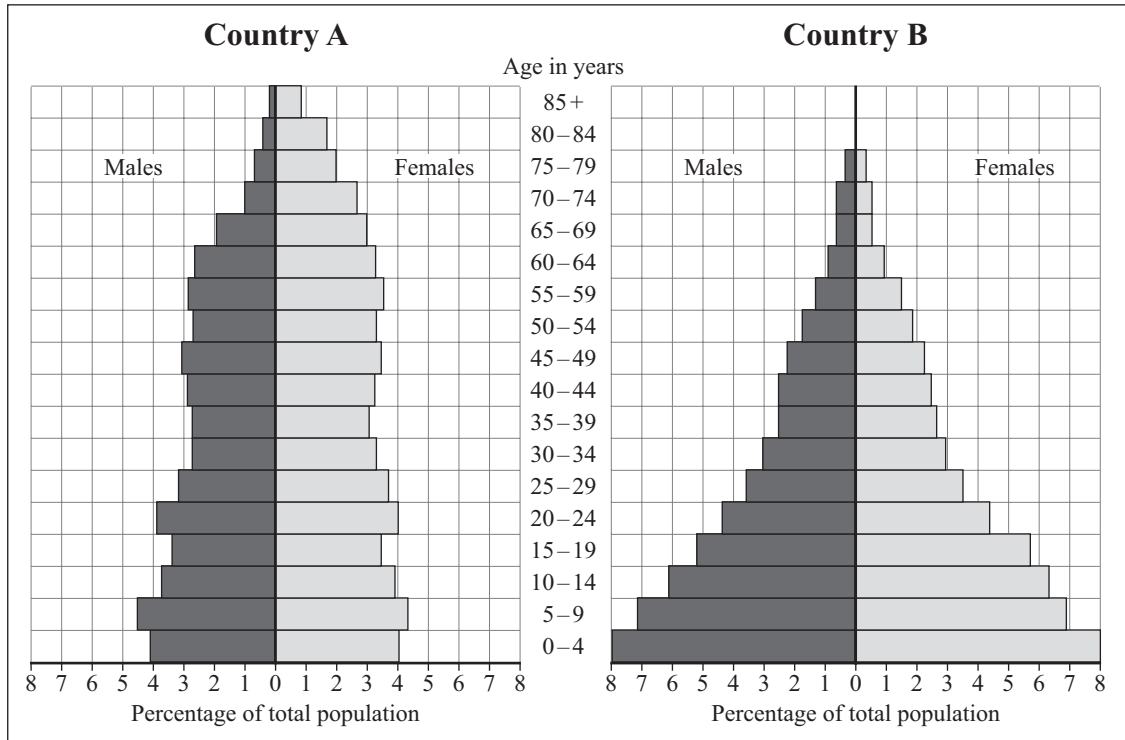
**Question 2 continues on the next page**

**Turn over** ►



2 (d) Study **Figure 8** which shows population pyramids for two countries.

**Figure 8**



2 (d) (i) In **Country A**, what percentage of the population are female aged between 60 and 69?  
 .....%

(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) Which population pyramid shows a higher death rate? Circle the correct answer.

**Country A**

**Country B**

(1 mark)

2 (d) (iv) Which population pyramid is typical of an MEDC? Circle the correct answer.

**Country A**

**Country B**

(1 mark)





**Turn over for the next question**

**DO NOT WRITE ON THIS PAGE  
ANSWER IN THE SPACES PROVIDED**

**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: 30 marks**

**3 (a) (i)** Give **three** characteristics of the ‘periphery’ of the European Union (EU).

1 .....

.....

2 .....

.....

3 .....

.....

*(3 marks)*

**3 (a) (ii)** The statements below are about EU policies.

Tick the correct box to show whether each statement is True or False.

Type of EU Policy	True	False
The Structural Fund provides money for industrial development in the EU.		
The European Investment Bank gives guaranteed prices and subsidies to farmers in the EU.		

*(2 marks)*



**Question 3 continues on the next page**

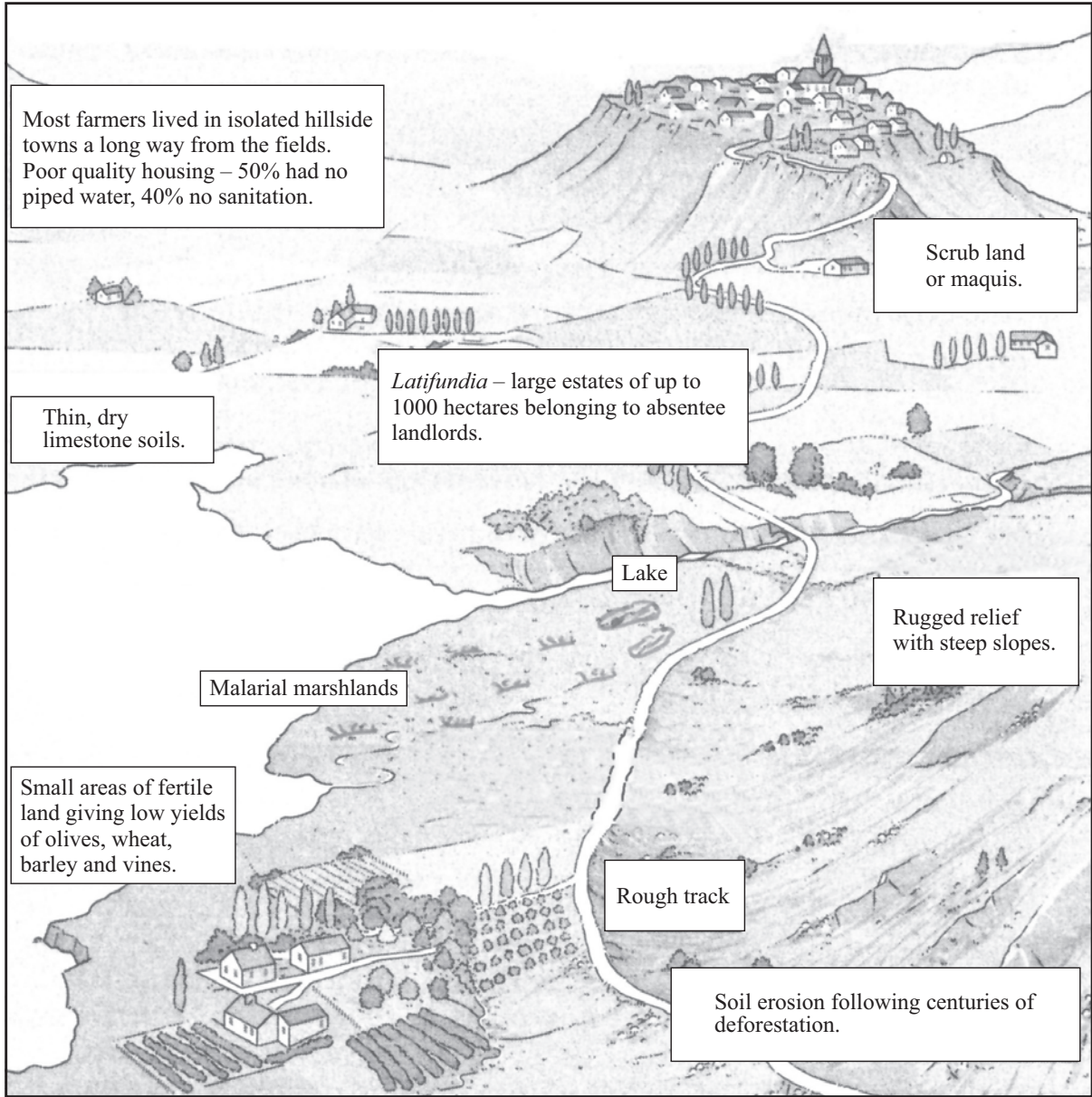
**DO NOT WRITE ON THIS PAGE  
ANSWER IN THE SPACES PROVIDED**

**Turn over ►**



3 (b) Study **Figure 9** which is a sketch of a traditional landscape in the Mezzogiorno.

**Figure 9**



3 (b) (i) Using **Figure 9** and your own knowledge, describe the **physical** factors which have led to migration from the Mezzogiorno.

.....

.....

.....

.....

.....



.....  
.....  
.....  
..... (4 marks)

(Extra space) .....  
.....  
.....  
.....

3 (b) (ii) Name **two** human push factors which have led to migration from the Mezzogiorno.

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

3 (b) (iii) For **one** of these factors explain how it has caused this migration.

.....  
.....  
.....  
..... (2 marks)

**Question 3 continues on the next page**

**Turn over** ►



3 (b) (iv) Describe the improvements in farming practices in the Mezzogiorno.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

(6 marks)

(Extra space) .....

.....

.....

.....

.....

.....

.....

.....

.....

.....

3 (b) (v) Despite these improvements, migration from the Mezzogiorno continues.

Describe the effect(s) of this migration on the region.

.....

.....

.....

.....

.....

(2 marks)



**Question 3 continues on the next page**

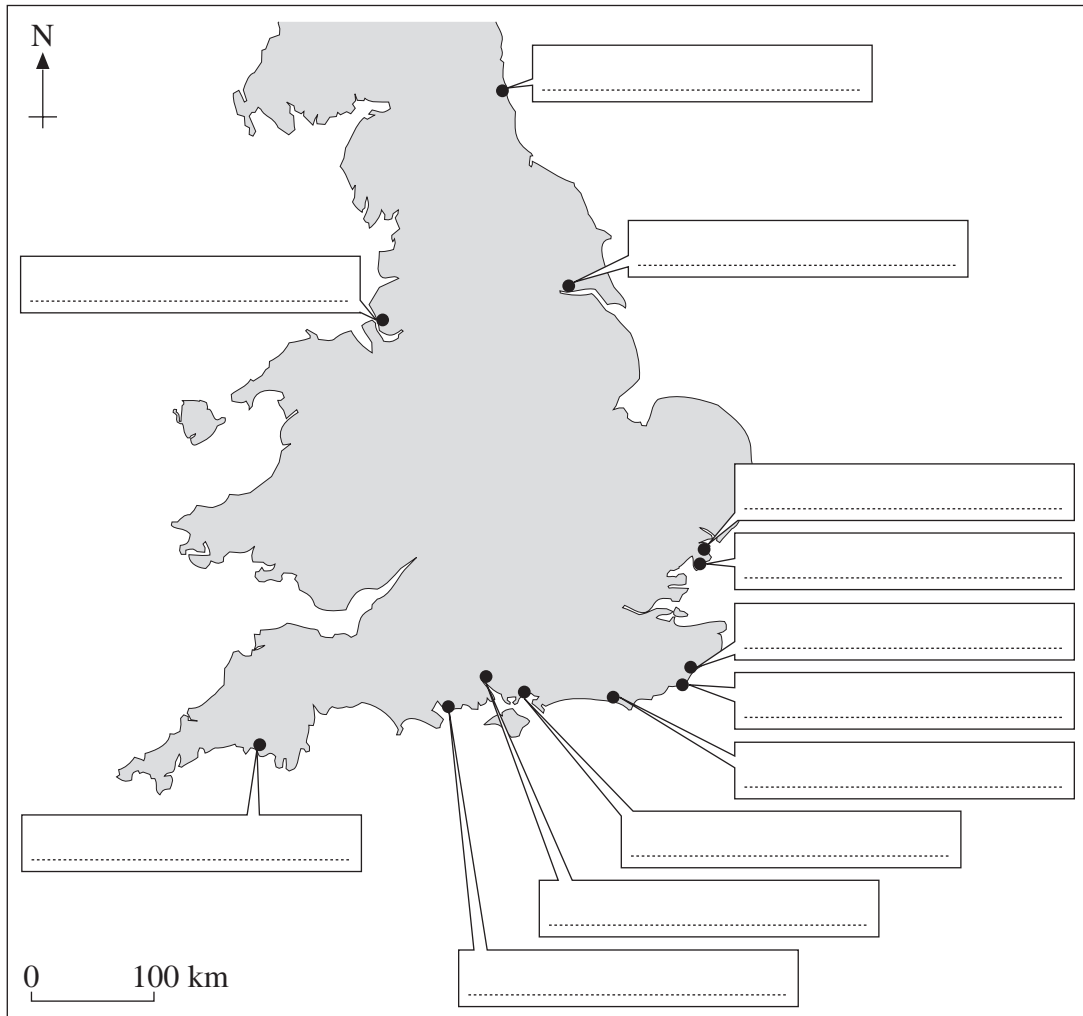
**DO NOT WRITE ON THIS PAGE  
ANSWER IN THE SPACES PROVIDED**

**Turn over ►**



3 (c) Study **Figure 10** which shows the English ports with sea links to mainland Europe.

**Figure 10**



3 (c) (i) On **Figure 10**, name **one** of the ports. (1 mark)

3 (c) (ii) For the port given in (i) above, name a port in Europe to which it is linked.  
.....  
(1 mark)





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

Name of port .....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....

(4 marks)

(Extra space) .....  
.....  
.....  
.....

3 (c) (iv) Suggest **two** advantages of using the Channel Tunnel.

1 .....  
.....  
2 .....  
.....

(2 marks)

**Question 3 continues on the next page**

**Turn over** ►



3 (c) (v) Suggest **one** disadvantage of the Channel Tunnel.

.....

.....

*(1 mark)*

30



**SECTION C – THE WIDER WORLD**

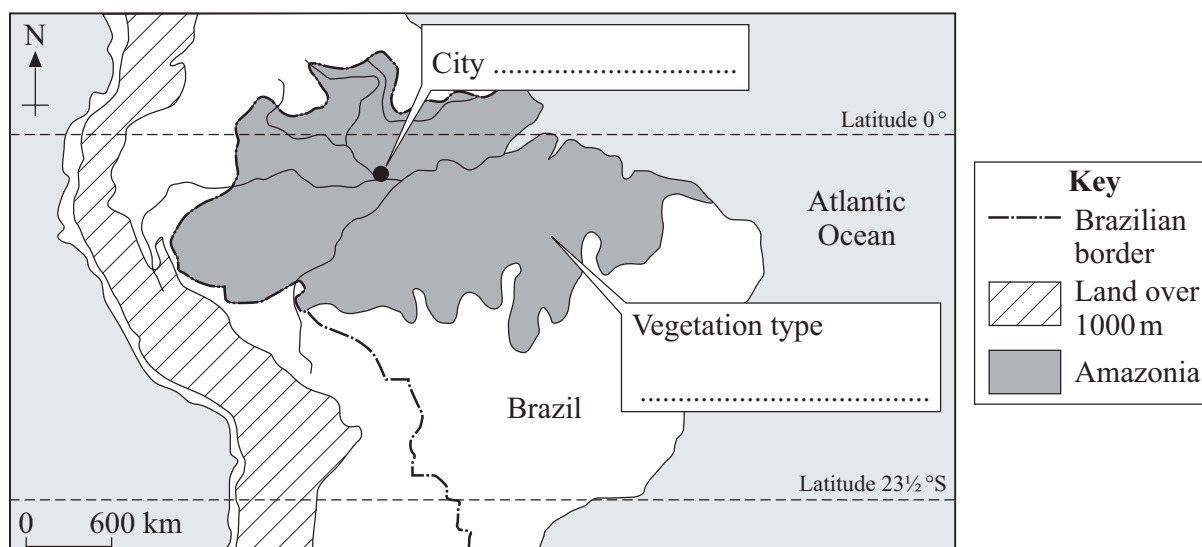
Answer **all** questions in the spaces provided.

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**

**Turn over** ►



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

**Figure 12**



4 (b) (i) On **Figure 12**, label **two** features of the natural vegetation. (2 marks)

4 (b) (ii) Choose **two** of the features of the natural vegetation and explain why they have developed.

Feature 1 .....

.....

.....

Feature 2 .....

.....

.....

(2 marks)



- 4 (b) (iii) When the natural vegetation of Amazonia is removed there are different effects. Draw a line to link each cause to the correct effect. One has been done for you.

Cause	Effect
soils are leached by rain	few minerals left in the soil
no tree roots on slopes	more CO <sub>2</sub> in the atmosphere
fewer trees to absorb CO <sub>2</sub>	less wildlife in forest
more sunlight reaches the ground	soils become eroded
habitats destroyed	soil becomes baked and hard

(3 marks)

- 4 (c) (i) Match each of the following definitions to the correct term. Choose the term from the list below:

**Shifting cultivation**

**Ecotourism**

**Deforestation**

**Sustainable development**

Definition	Term
The cutting down or burning of trees	
Improvements to an area without harming the environment	
Going on holidays which cause little damage to the area	

(3 marks)

**Question 4 continues on the next page**

**Turn over** ►



4 (c) (ii) 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 tourism at the hotel tries to protect the environment.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

*(4 marks)*

*(Extra space)* .....

.....

.....

.....



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

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

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

(4 marks)

(Extra space) .....

.....

.....

.....

**Question 4 continues on the next page**

**Turn over** ►



4 (d) (ii) Study **Figure 15** which shows the main stages in rice cultivation in the Ganges Delta.

Complete **Figure 15** by writing the correct statement in each box. Choose from the following statements:

seedlings transplanted

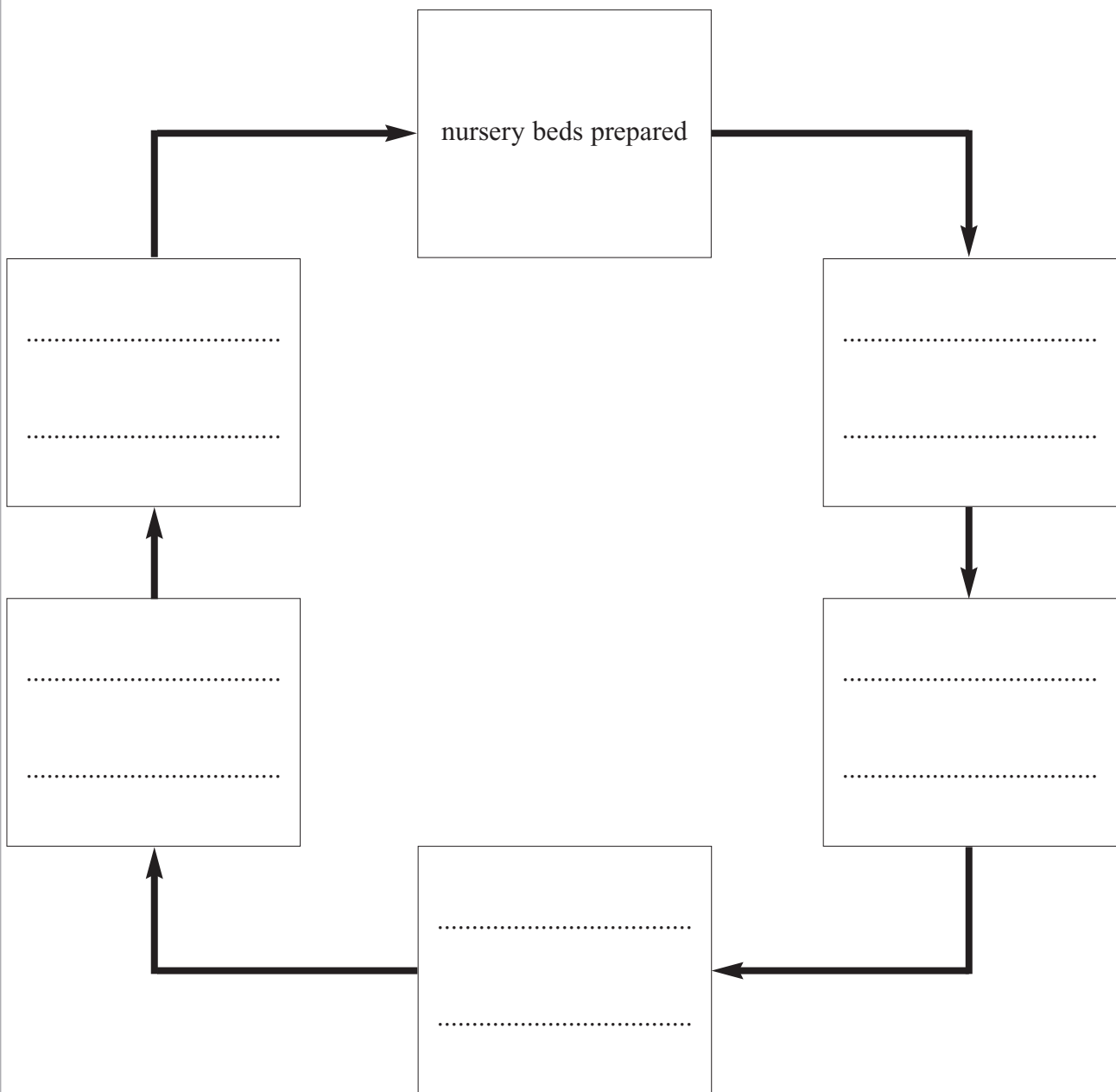
seeds planted in nursery beds

rice dried and threshed

fields are flooded

rice harvested

**Figure 15**



(4 marks)





4 (d) (iii) The Green Revolution has caused changes to farming in the Ganges Delta.

Describe **two** advantages of the Green Revolution.

1 .....

.....

.....

.....

2 .....

.....

.....

.....

(4 marks)

4 (d) (iv) Describe **one** disadvantage of the Green Revolution to the farmers.

.....

.....

.....

.....

(2 marks)

30

**Turn over for the next question**

**Turn over** ►



**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 16**, a map on the insert, which shows changes in the percentage urban populations 1970–2020.

Using **Figure 16** answer the following.

- 5 (a) (i) What percentage of the population of Asia is estimated to be urban in 2020?  
..... %

*(1 mark)*

- 5 (a) (ii) Which continent had the highest percentage of urban population in 1970?  
.....

*(1 mark)*

- 5 (a) (iii) Which continent is expected to experience the greatest percentage growth in urban population from 1970–2020?  
.....

*(1 mark)*

- 5 (a) (iv) Describe the difference(s) between the percentage urban population change in Europe and that in South America.

.....

.....

.....

.....

*(2 marks)*



5 (b) Give **two** pull factors which attract people to urban areas in LEDCs.

1 .....

2 .....

(2 marks)

5 (c) Complete each of the following sentences by adding an appropriate statement about squatter settlements.

5 (c) (i) Squatter settlements are found at the edge of the city because

.....

(1 mark)

5 (c) (ii) There is a high percentage of males between 20 and 40 years of age in squatter settlements because

.....

(1 mark)

5 (c) (iii) Many people in squatter settlements work in the informal sector because

.....

(1 mark)

5 (c) (iv) An example of a job in the informal sector is

.....

(1 mark)

**Question 5 continues on the next page**

**Turn over** ►



5 (d) Describe an attempt(s) to improve the conditions in squatter settlements.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

(6 marks)

(Extra space) .....

.....

.....

.....

.....

.....



5 (e) (i) What is the meaning of the term 'greenhouse effect'?

.....

.....

.....

.....

.....

.....

(3 marks)

5 (e) (ii) Explain why the amount of carbon dioxide (CO<sub>2</sub>), a greenhouse gas, is increasing in the atmosphere.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

(4 marks)

(Extra space) .....

.....

.....

.....

Question 5 continues on the next page

Turn over ►



5 (f) Study **Figure 17** which shows flood risk areas in England and Wales.

**Figure 17** 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 17** and your own knowledge, describe the effects of rising sea levels and flooding.

.....

.....

.....

.....

.....

.....

.....

.....



.....

.....

.....

.....

.....

.....

(6 marks)

(Extra space) .....

.....

.....

.....

.....

30

**END OF QUESTIONS**



**There are no questions printed on this page**

**DO NOT WRITE ON THIS PAGE  
ANSWER IN THE SPACES PROVIDED**

**ACKNOWLEDGEMENT OF COPYRIGHT-HOLDERS AND PUBLISHERS**

Question 1 Figure 3: Energy Information Administration.

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 16: D WAUGH, *Geography: An Integrated Approach*, 1995, Nelson Thornes.

Figure 17: © *The Sunday Times*, October 2000.

Permission to reproduce all copyright material has been applied for. In some cases, efforts to contact copyright-holders have been unsuccessful and AQA will be happy to rectify any omissions of acknowledgements in future papers if notified.

Copyright © 2008 AQA and its licensors. All rights reserved.





## 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**

