

FOR OFFICIAL USE

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Total  
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**X208/10/01**

NATIONAL  
QUALIFICATIONS  
2013

THURSDAY, 30 MAY  
9.00 AM – 10.15 AM

GEOGRAPHY  
INTERMEDIATE 1

Fill in these boxes and read what is printed below.

Full name of centre

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Town

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Forename(s)

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Surname

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Date of birth

Day      Month      Year

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Answer **four** questions: Section A

Question 1 **and** Question 2

**AND**

Section B

any **two** questions from Questions 3 to 7

1. Read the whole of each question carefully before you answer it.
2. Write in the spaces provided.
3. Where boxes like this ☐ are provided, put a tick (✓) in the box beside the answer you think is correct.
4. Extra paper may be obtained from the Invigilator, if required.
5. Before leaving the examination room you must give this book to the Invigilator. If you do not, you may lose all the marks for this paper.



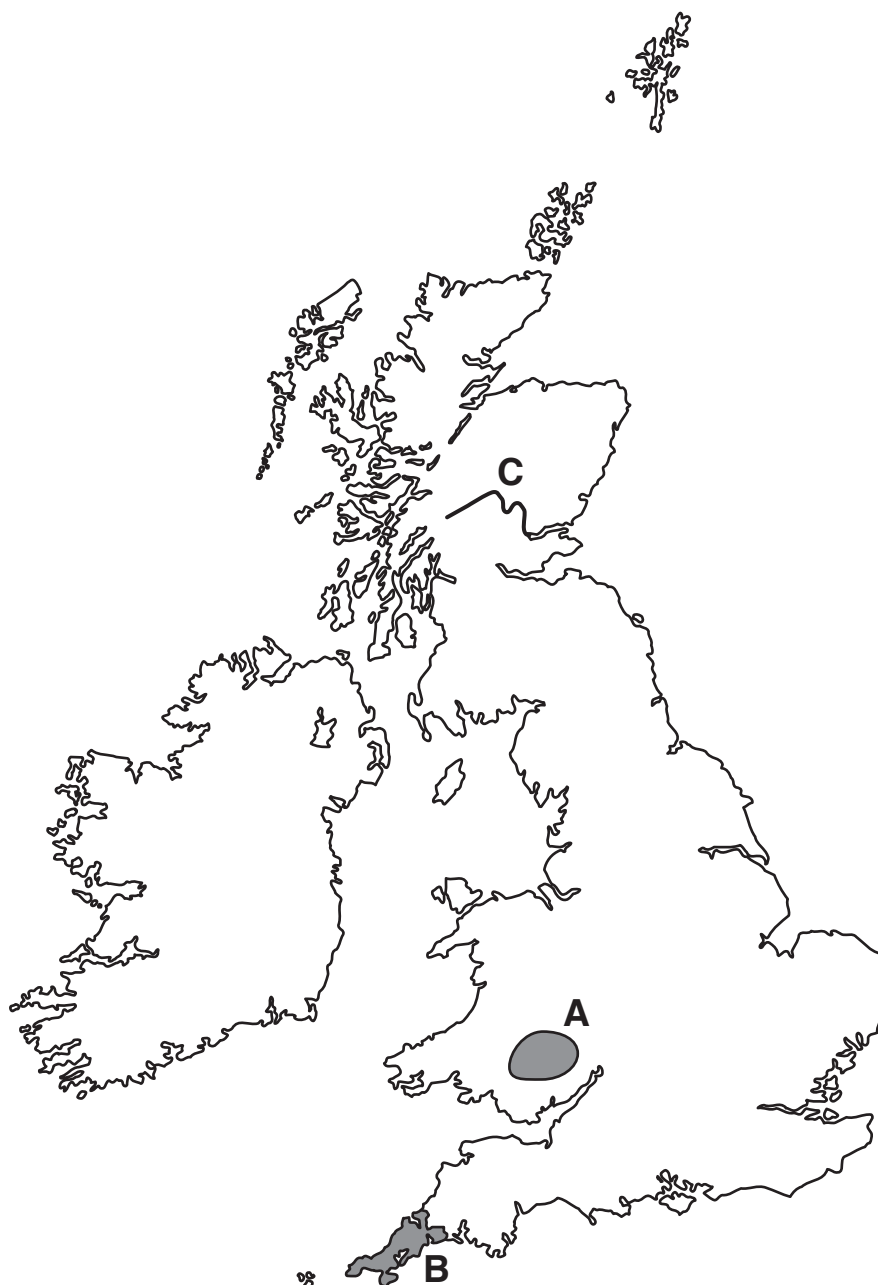
## SECTION A

Marks

IN THIS SECTION YOU MUST ANSWER QUESTION 1 AND QUESTION 2

## Question 1: Physical Environments

Map Q1: Scenic Areas in the British Isles



(a) Study Map Q1.

Name the following:

- (i) Upland limestone area A \_\_\_\_\_
- (ii) Coastal erosion area B \_\_\_\_\_
- (iii) River C \_\_\_\_\_

3

Marks

**1. (continued)**

(b) Study the Ordnance Survey Map Extract (No 2005/69) of the Isle of Arran.

- (i) Complete the table below by matching the glacial features with the correct grid reference:

9941      0042      9340

| <i>Glacial Feature</i> | <i>Grid Reference</i> |
|------------------------|-----------------------|
| U-shaped valley        |                       |
| Pyramidal peak         |                       |
| Corrie                 |                       |

2

- (ii) Choose
- one**
- of the glacial features in (b) (i).

**Explain** how the feature you have chosen was formed.

You may use diagrams if you wish.

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**[Turn over**

*Marks***1. (continued)**

- (c) Using map evidence, **explain** why the area covered by the Ordnance Survey map is popular with tourists.

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**4**

- (d) The Iorsa Water flows through square 9340.  
**Describe** the river **and** its valley **in square 9340**.

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- (e) **Describe** ways in which the National Trust or other organisations help to protect the environment of upland areas.

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**3****Total 20***[END OF QUESTION 1]***NOW GO ON TO QUESTION 2**

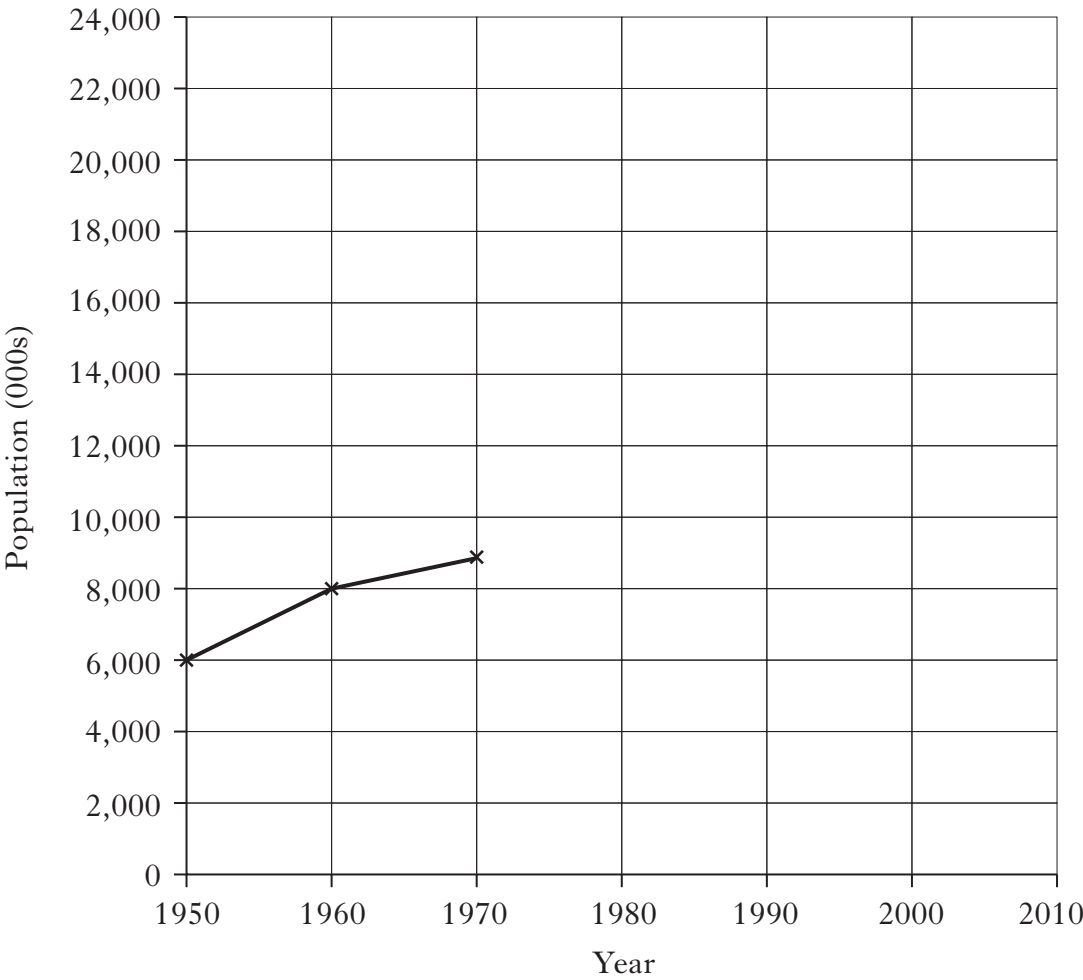
Marks

**Question 2: Human Environments**

**Diagram Q2A: Population Change in Mozambique 1950–2010**

| Year                    | 1950 | 1960 | 1970 | 1980   | 1990   | 2000   | 2010   |
|-------------------------|------|------|------|--------|--------|--------|--------|
| Total Population (000s) | 6000 | 8000 | 9000 | 12,000 | 13,000 | 18,000 | 23,000 |

(a) (i) Using the data in Diagram Q2A, complete the line graph below.



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**[Turn over**

Marks

## 2. (a) (continued)

- (ii) **Describe** the effects of a rapidly increasing population in developing countries such as Mozambique.

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Diagram Q2B: Inner City Redevelopment in Glasgow

1950

Present Day



- (b) Study Diagram Q2B.

For Glasgow, or any other developed city you have studied, **describe** the changes which have taken place in the **inner city**.

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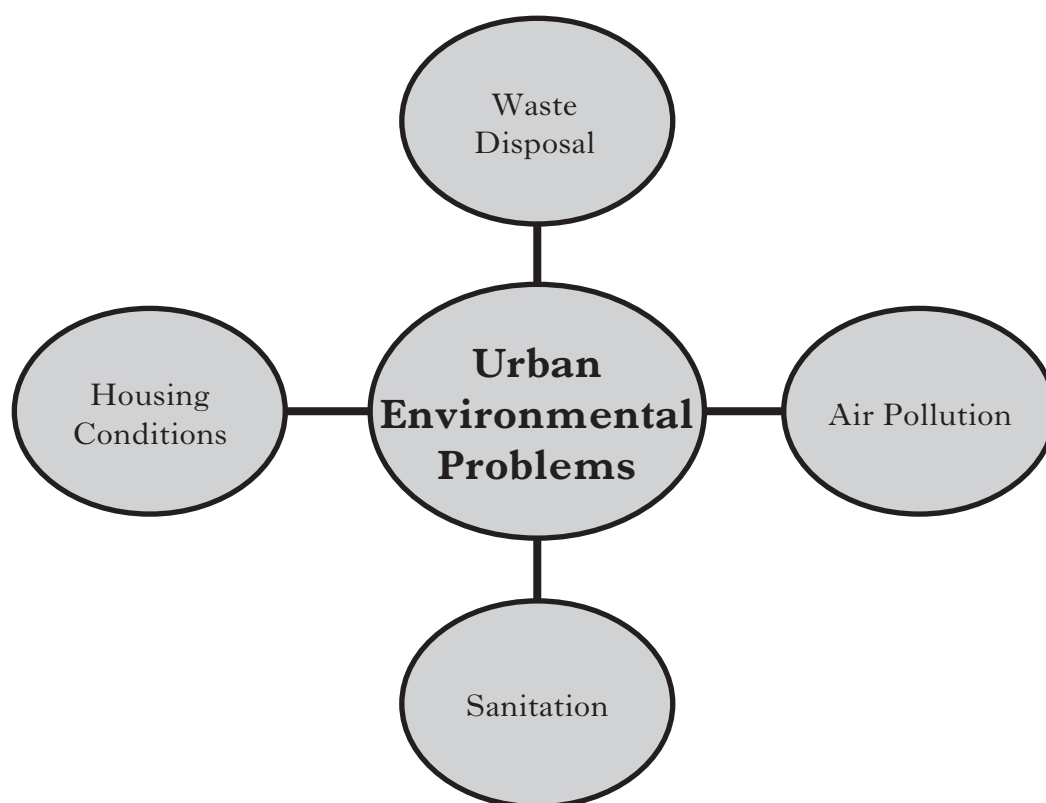
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## 2. (continued)

Diagram Q2C: Urban Environmental Problems in Developing Countries



(c) Study Diagram Q2C.

**Explain** why cities in **developing** countries have environmental problems.

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**[Turn over**

Marks

2. (continued)

Diagram Q2D: Tourism in Fiji



(d) Look at Diagram Q2D.

**Describe** the advantages tourism can bring to a developing country such as Fiji.

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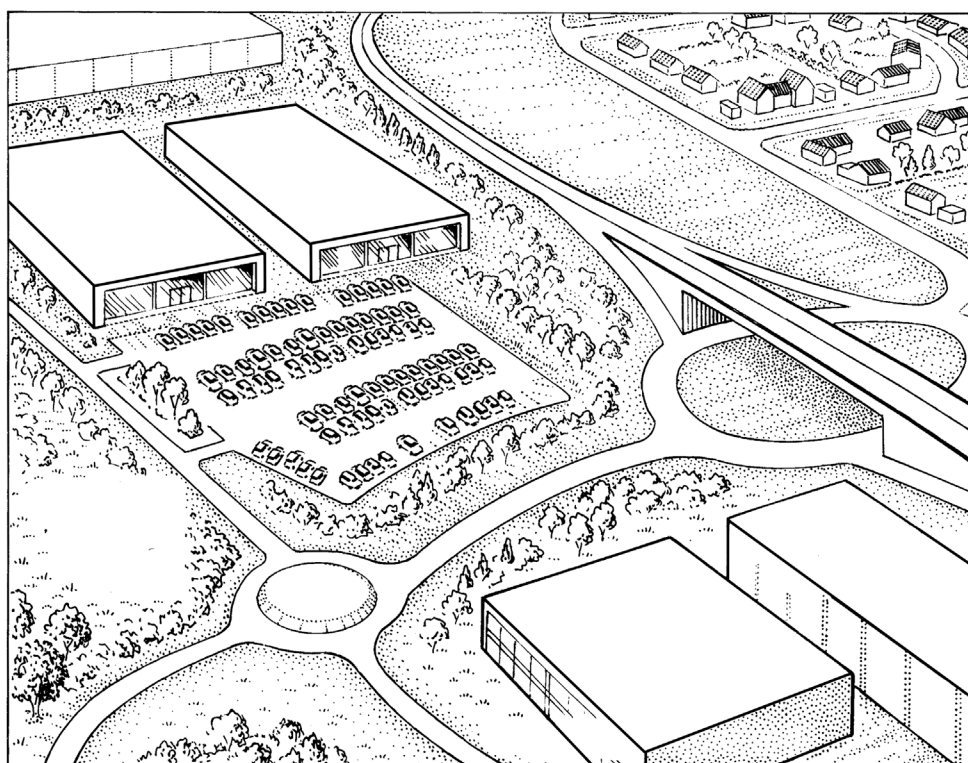
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Marks

2. (continued)

Diagram Q2E: Modern Industrial Landscape



(e) Study Diagram Q2E.

**Explain** the features of a modern industrial landscape.

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Total 20

[END OF SECTION A]

NOW TURN TO SECTION B AND ANSWER ANY TWO QUESTIONS

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## SECTION B

### Environmental Interactions

Answer any two questions from this section.

Choose from

- |            |  |                  |
|------------|--|------------------|
| Question 3 | <b>Rural Land Degradation</b>              | (Pages 12 to 13) |
| Question 4 | <b>River Basin Management</b>              | (Pages 14 to 15) |
| Question 5 | <b>European Environmental Inequalities</b> | (Pages 16 to 17) |
| Question 6 | <b>Development and Health</b>              | (Pages 18 to 19) |
| Question 7 | <b>Environmental Hazards</b>               | (Pages 20 to 21) |

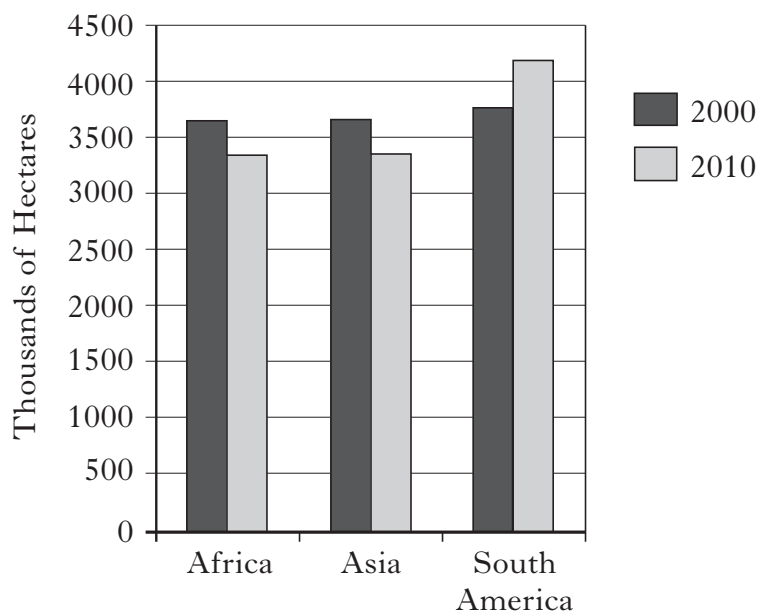
**[Turn over**

## SECTION B

Marks

## Question 3: Rural Land Degradation

Diagram Q3A: Tropical Deforestation



- (a) (i) **Describe** the changes in deforestation shown on the Diagram Q3A above.

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- (ii) **Explain** how increasing population can lead to deforestation.

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3. (continued)

Diagram Q3B: United Nations Message



Every year on 17 June the United Nations has a “Combat Desertification Day”

(b) Look at Diagram Q3B.

**Describe** methods used to reduce desertification.

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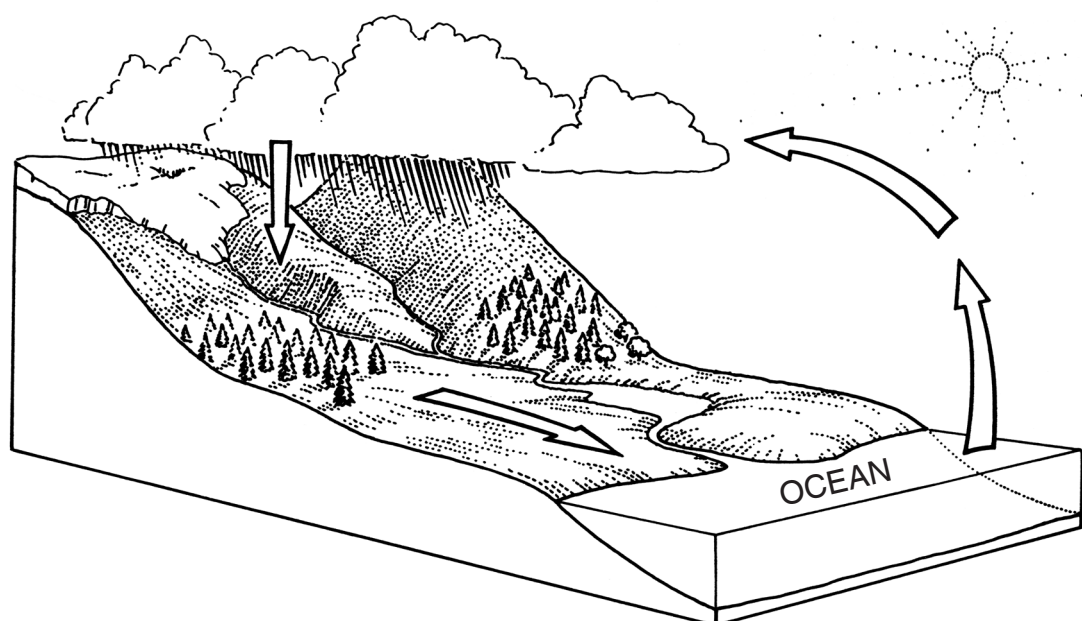
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[Turn over

**Question 4: River Basin Management****Diagram Q4A: The Water Cycle**

(a) Study Diagram Q4A

**Describe** the water cycle.

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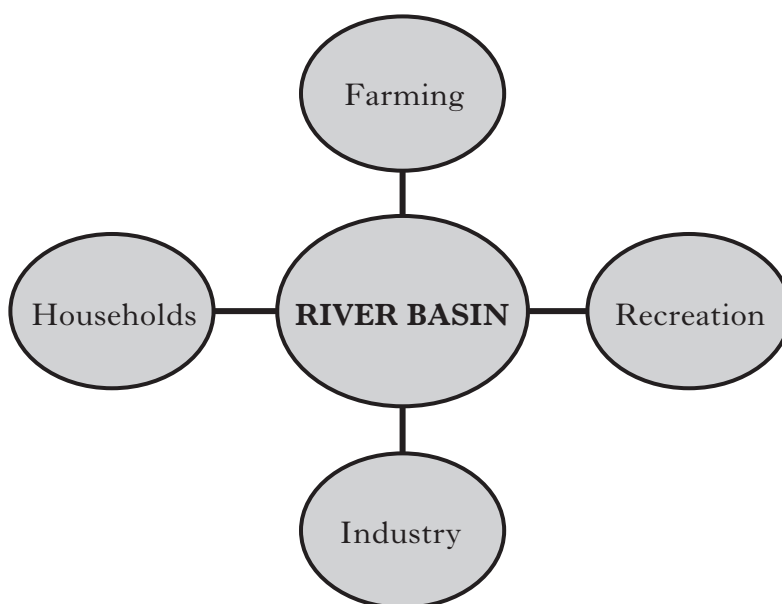
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Question 4 (continued)

Diagram Q4B: Water Users in a River Basin

Marks



(b) Study Diagram Q4B.

For a river basin you have studied, select **two** water users and **explain** why they need water.

Water User 1 \_\_\_\_\_

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Water User 2 \_\_\_\_\_

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(c) **Describe** the advantages of a **water control project** you have studied.

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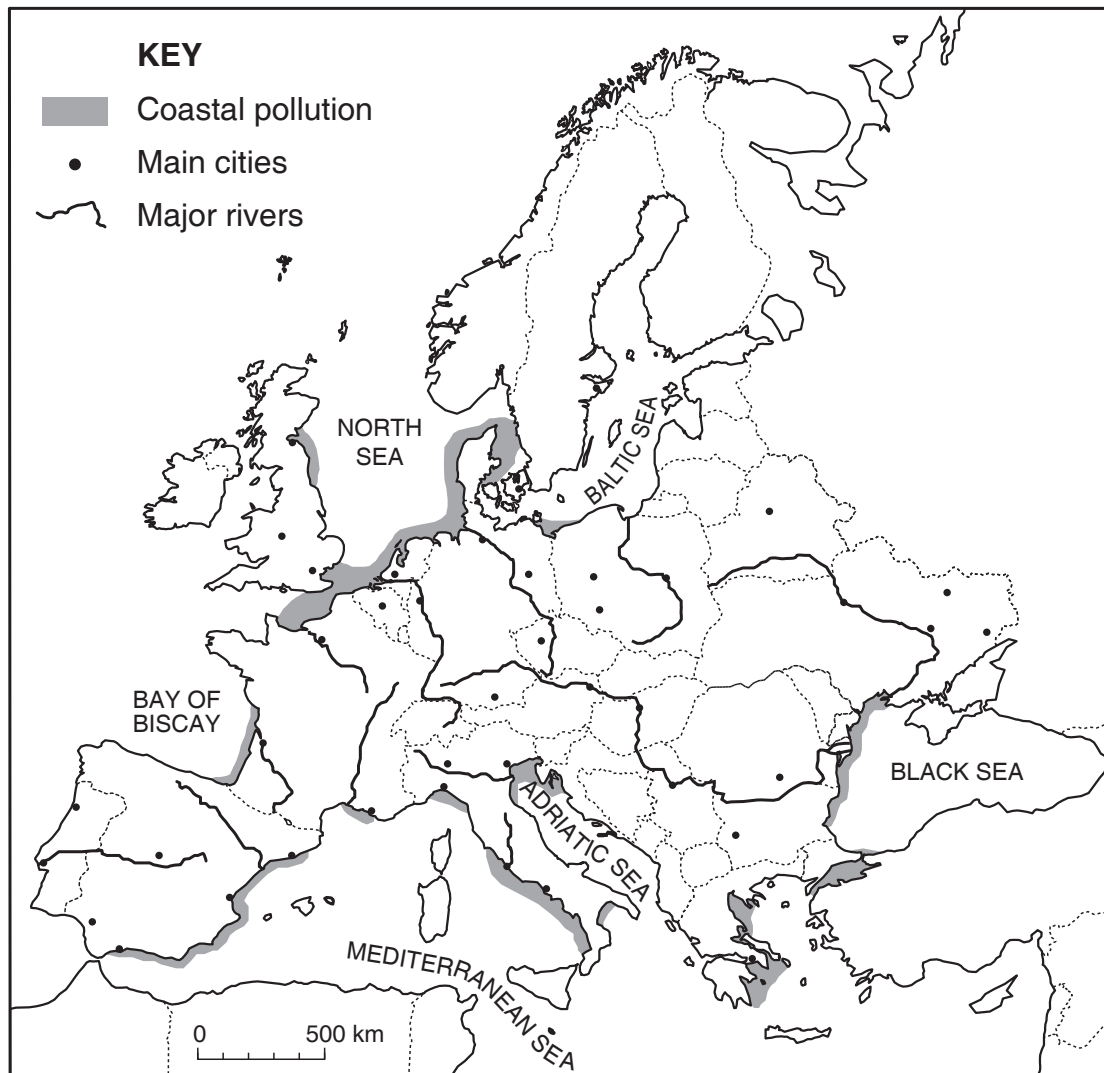
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DO NOT  
WRITE  
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MARGIN

Question 5: European Environmental Inequalities

Map Q5A: Areas of Coastal Pollution in Europe



(a) Study Map Q5A.

(i) **Describe** the pattern of pollution shown on the map.

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*Marks***5. (a) (continued)**

- (ii) **Explain** why some coastal areas have high levels of pollution.

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**Diagram Q5B: Air Pollution**



- (b) Look at Diagram Q5B.

**Describe** methods which can be used to reduce air pollution.

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**3****Total 10****[Turn over**

Marks

**Question 6: Development and Health**

(a) **Explain** why some countries are more developed than others.

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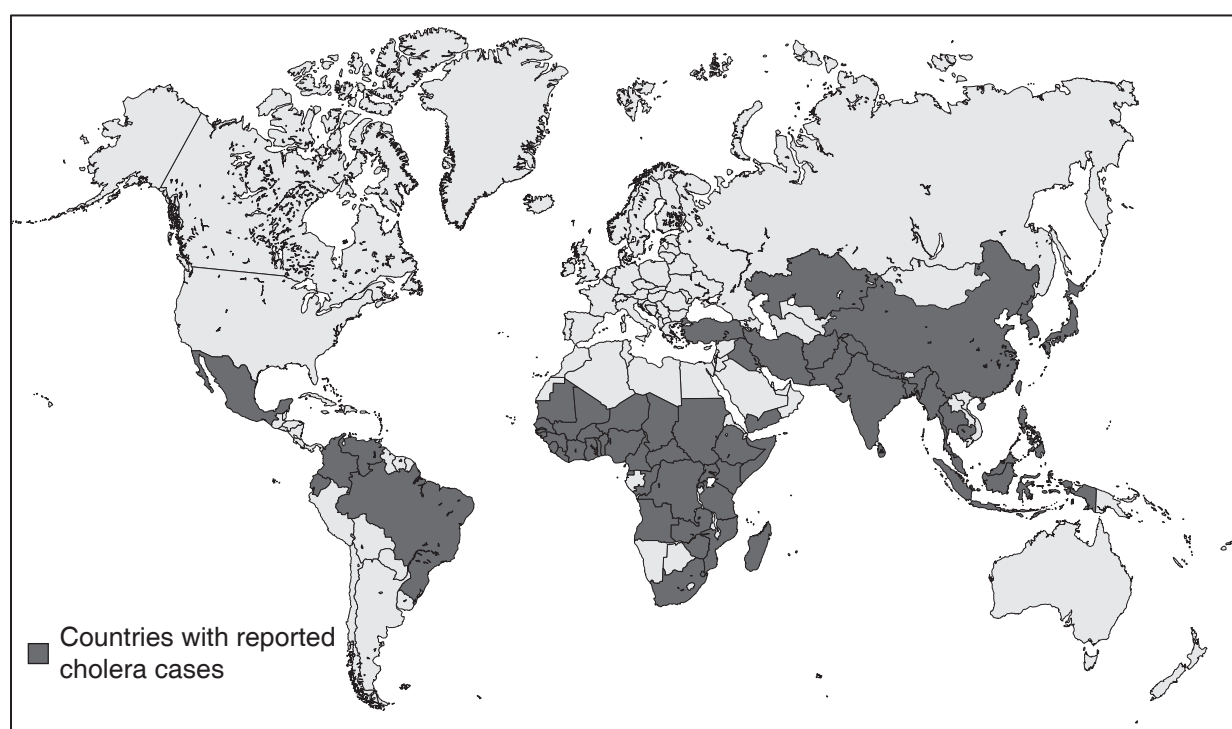
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**Map Q6A: World Distribution of Cholera**

(b) Study Map Q6A.

**Describe** the distribution of cholera shown on the map.

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*Marks*

**6. (continued)**

- (c) For Heart Disease **or** Malaria **or** AIDS, **describe** methods which can be used to control the disease.

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## Question 7: Environmental Hazards

## Diagram Q7A: Newspaper Headline

**“HUGE EARTHQUAKE DEVASTATES JAPAN”**

Newspaper Headline, Saturday 12th March 2011

- (a) Look at Diagram Q7A.

**Explain** the causes of earthquakes.

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- (b) For an earthquake **or** volcanic eruption you have studied, **describe** the effects on the people **and** the landscape.

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## 7. (continued)

## Diagram Q7B: Destruction Caused by Hurricane Irene, August 2011



(c) Study Diagram Q7B.

**Describe** the **short term** aid required immediately after a tropical storm.

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[END OF QUESTION PAPER]

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## ACKNOWLEDGEMENTS

Diagram Q2B, Picture 1—Photograph is taken from BBC News – In Pictures: Post-war Glasgow in 1950, from 2 February 2010. Permission is being sought from BBC News.

Diagram Q2B, Picture 2—Photograph of Glasgow docks present day. Unable to trace copyright holder.

Diagram Q3B—World Day logo is reproduced by kind permission of United Nations Convention to Combat Desertification.