

FOR OFFICIAL USE

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Total
Marks

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X208/10/01

NATIONAL TUESDAY, 8 MAY
QUALIFICATIONS 9.00 AM – 10.15 AM
2012

GEOGRAPHY
INTERMEDIATE 1

Fill in these boxes and read what is printed below.

Full name of centre

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Town

--

Forename(s)

--

Surname

--

Date of birth

Day Month Year

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Scottish candidate number

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Number of seat

--

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.



Marks

Question 1: Physical Environments

(a) What map evidence is there to show that this is an area of limestone scenery?

3

Limestone pavement

Stalagmite

Cavern

Choose **one** of the features and **explain** how it was formed. You may use diagrams.

[illegible]

3

1. (continued)

Marks

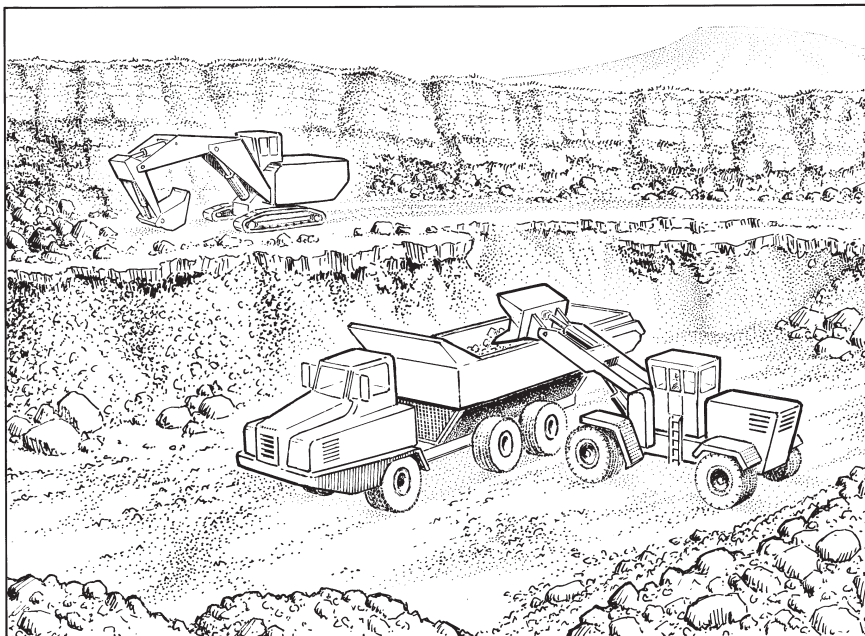
- (c) Complete the table below by matching the land uses with the correct grid reference.

Choose from: 843155 845148 853160 858142

<i>Land Use</i>	<i>Grid Reference</i>
Coniferous woodland	
Leisure and recreation	
Quarrying	

3

Diagram Q1A: Limestone Quarry



- (d) Study Diagram Q1A.

- (i) What are the advantages **and** disadvantages of industries such as quarrying in an upland area?

4

Marks

1. (d) (continued)

- (ii) In what ways can the impact of quarrying on the landscape be reduced?

3

Diagram Q1B: Newspaper Headline

“DORSET TOURIST NUMBERS INCREASE AS MORE PEOPLE CHOOSE TO HOLIDAY IN THE UK.”

- (e) Look at Diagram Q1B.

For a **coastal** area you have studied, **describe** ways to solve problems caused by increased numbers of tourists.

4

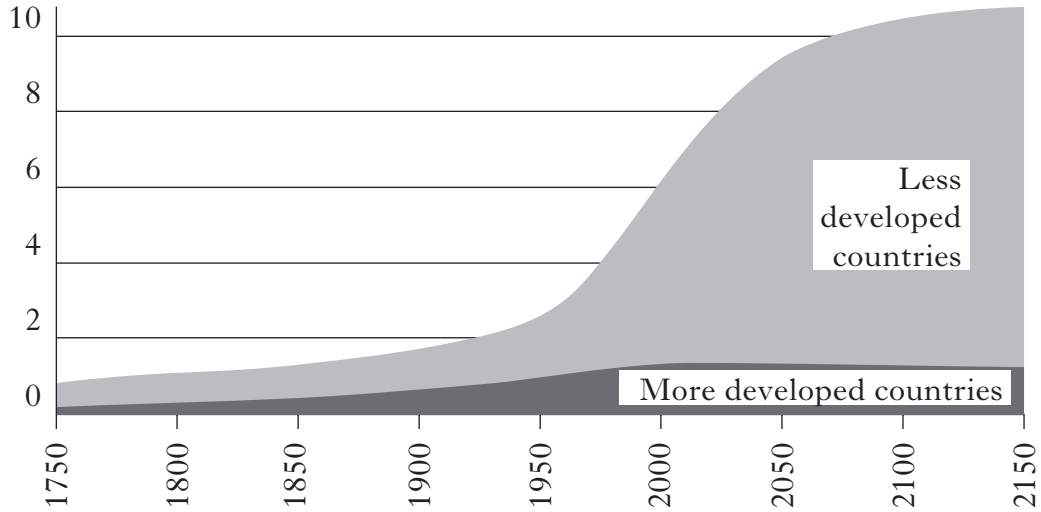
Total 20

[END OF QUESTION 1]

NOW GO ON TO QUESTION 2

Question 2: Human Environments**Diagram Q2A: World Population Growth**

Population (in billions)



(a) Study Diagram Q2A.

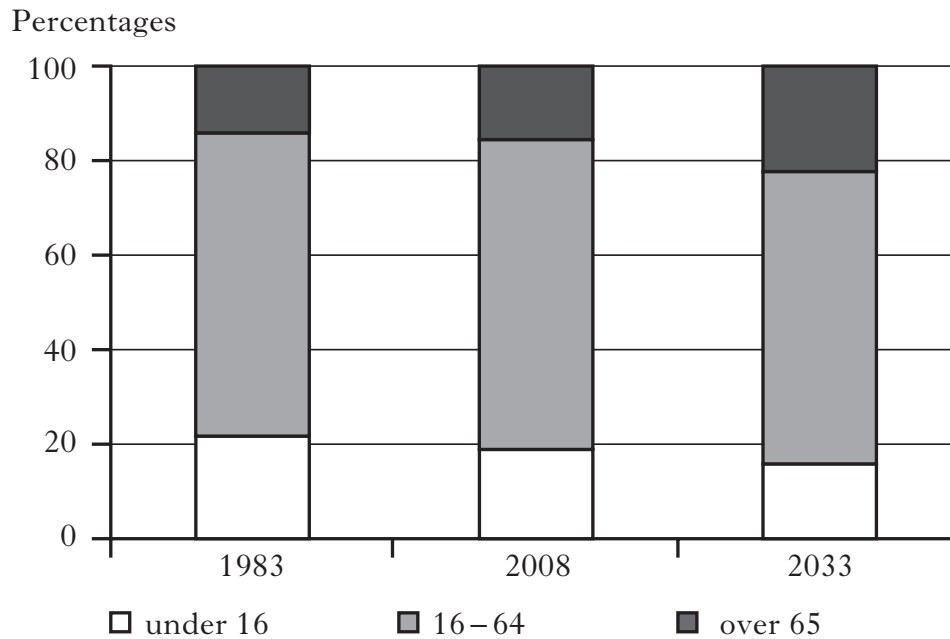
Explain why less developed countries have a higher population growth rate than more developed countries.

3**[Turn over**

Marks

2. (continued)

Diagram Q2B: Percentage UK Population by Age Groups



(b) Study Diagram Q2B.

(i) **Describe** the changes shown on the graph between 1983 and 2033.

3

(ii) **Explain** the problems countries such as the UK will have with an ageing population.

3

2. (continued)

Diagram Q2C: Shanty Town in Sao Paulo, Brazil



(c) Look at Diagram Q2C.

Describe the problems experienced by people living in shanty towns.

2. (continued)

Diagram Q2D: European Farming Statement

“European farmers need to diversify.”

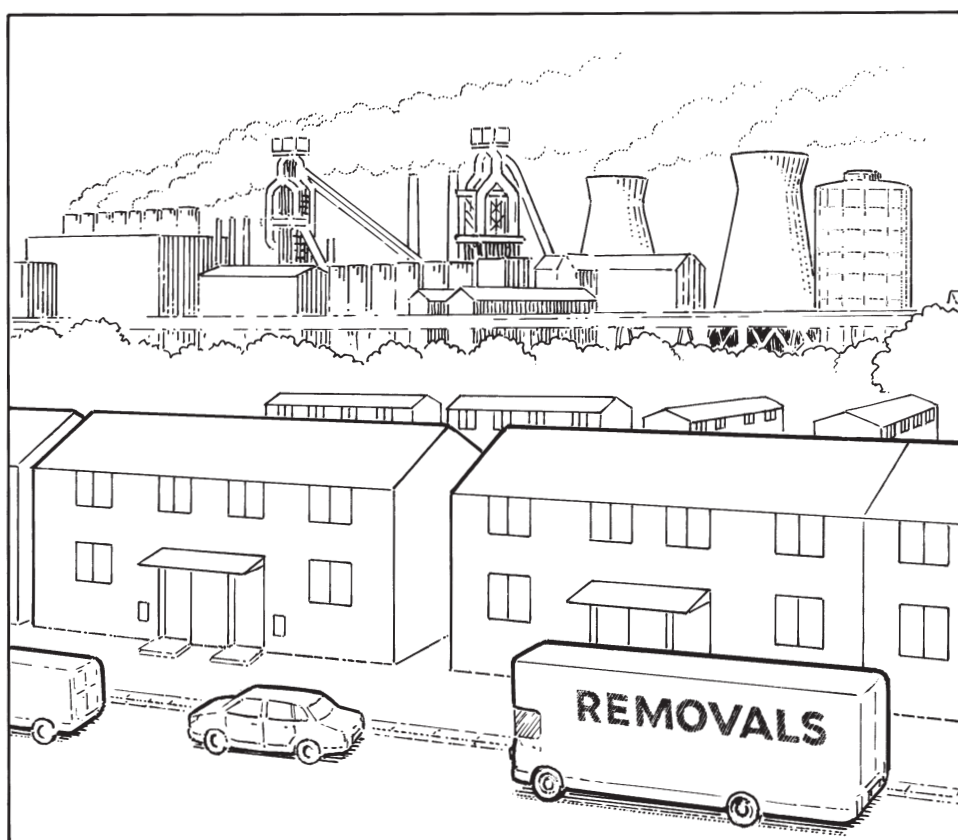
(d) Look at Diagram Q2D.

Describe other ways that farmers can make extra income, apart from crops and animals.

4

2. (continued)

Diagram Q2E: Old Industrial Area



(e) Study Diagram Q2E.

Explain how the environment of an area may improve when old industries close down.

3

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 | Rural Land Degradation | (Pages 12 to 13) |
| Question 4 | River Basin Management | (Pages 15 to 17) |
| Question 5 | European Environmental Inequalities | (Pages 18 to 20) |
| Question 6 | Development and Health | (Pages 22 to 23) |
| Question 7 | Environmental Hazards | (Page 24) |

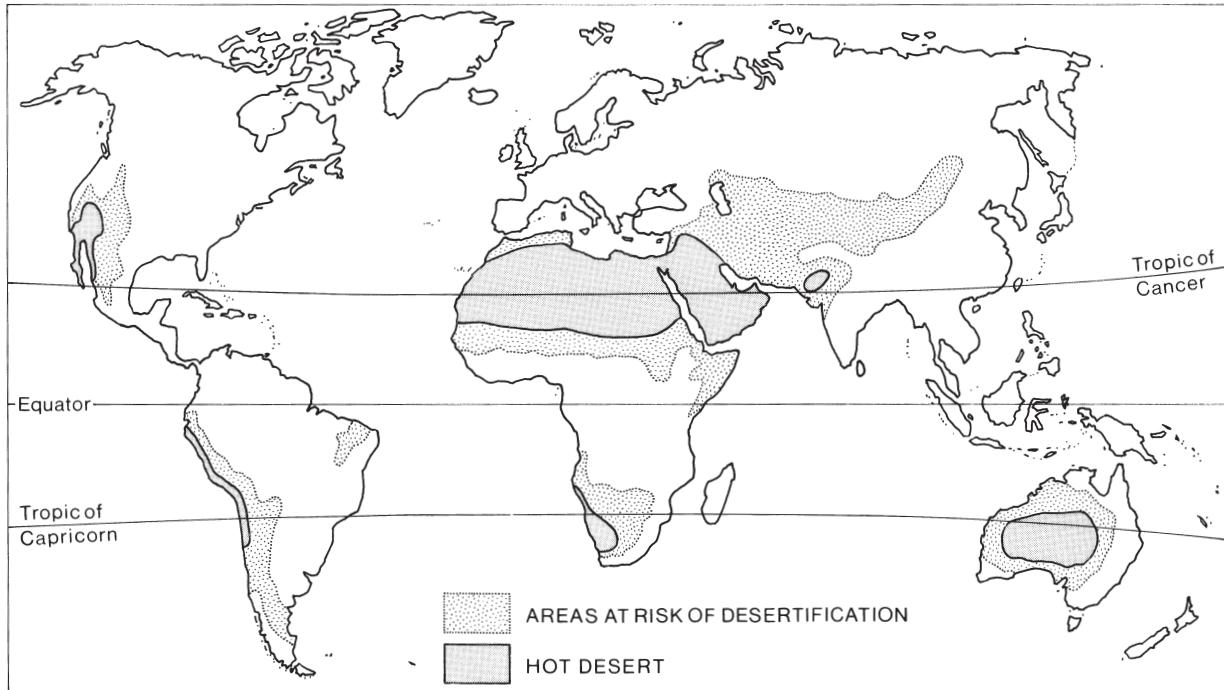
[Turn over

SECTION B

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Question 3: Rural Land Degradation

Map Q3A: Areas at Risk of Desertification



(a) Study Map Q3A.

Describe how people may be affected by desertification.

3

3. (continued)

Diagram Q3B

**“FORESTS STILL BEING CUT DOWN
AT AN ALARMING RATE.”**

National News, 25 March 2012

Look at Diagram Q3B.

- (b) (i) **Explain** the main reasons for deforestation.

4

- (ii) **Describe** the methods used to reduce deforestation.

3

Total 10

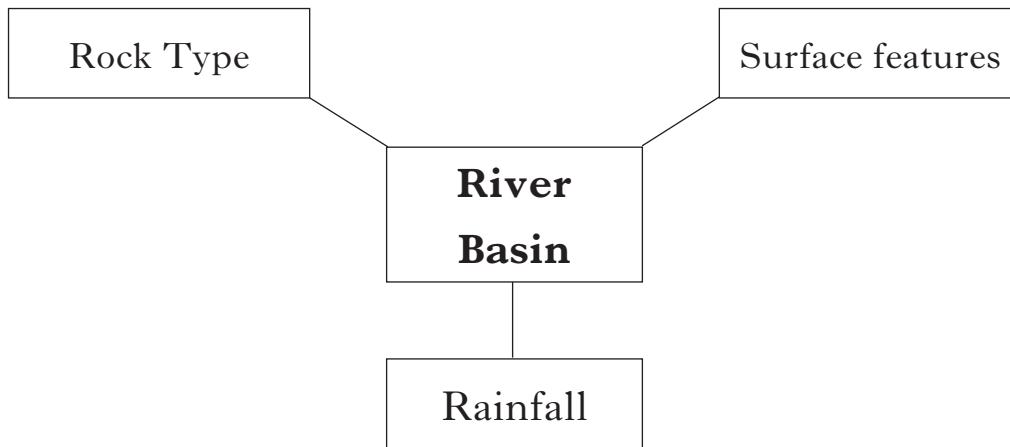
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Question 4: River Basin Management

Diagram Q4A: Factors affecting Water Storage and Movement



(a) Look at Diagram Q4A.

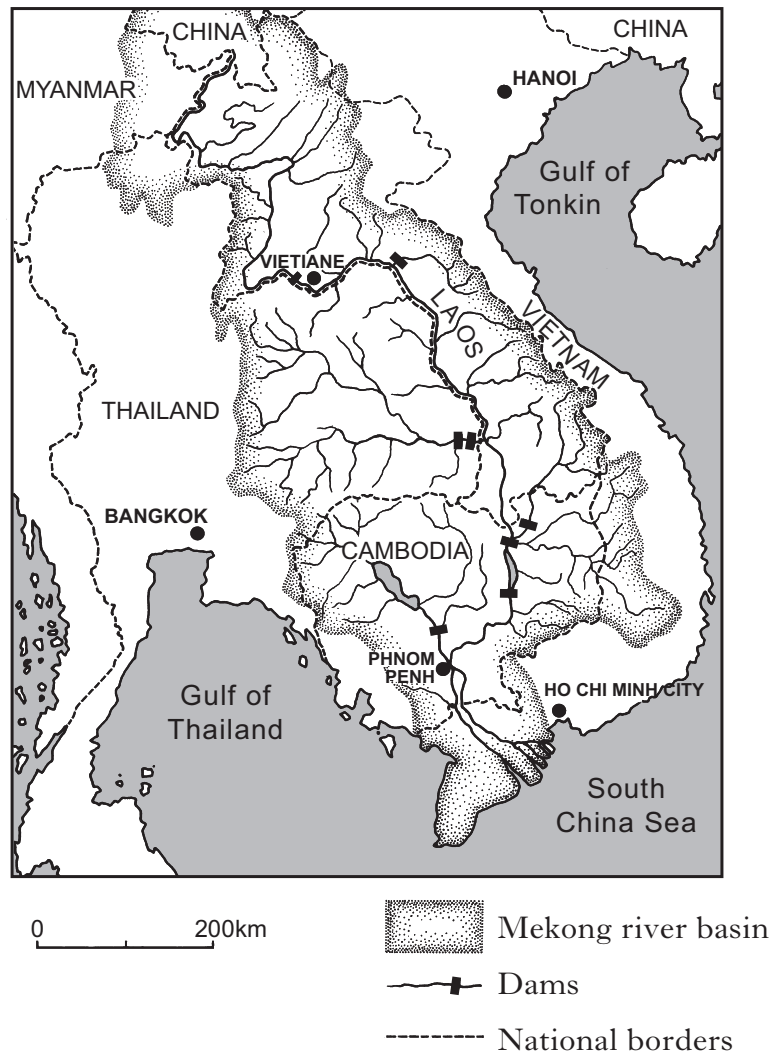
Explain how different factors can affect the storage and movement of water.

3

[Turn over

4. (continued)

Map Q4B: Mekong River Basin Management



(b) Study Map Q4B.

For this or any other river basin project you have studied:

(i) **describe** the benefits brought by the project;

Marks

4. (b) (continued)

(ii) what problems may result from the project?

3

Total 10

[Turn over

Question 5: European Environmental Inequalities

Diagram Q5A:
Newspaper Headline

The Athens Times
“Air pollution in Athens
continues to get worse.”
Mayor Nikitas Kaklamanis

Diagram Q5B: Road Map of Athens

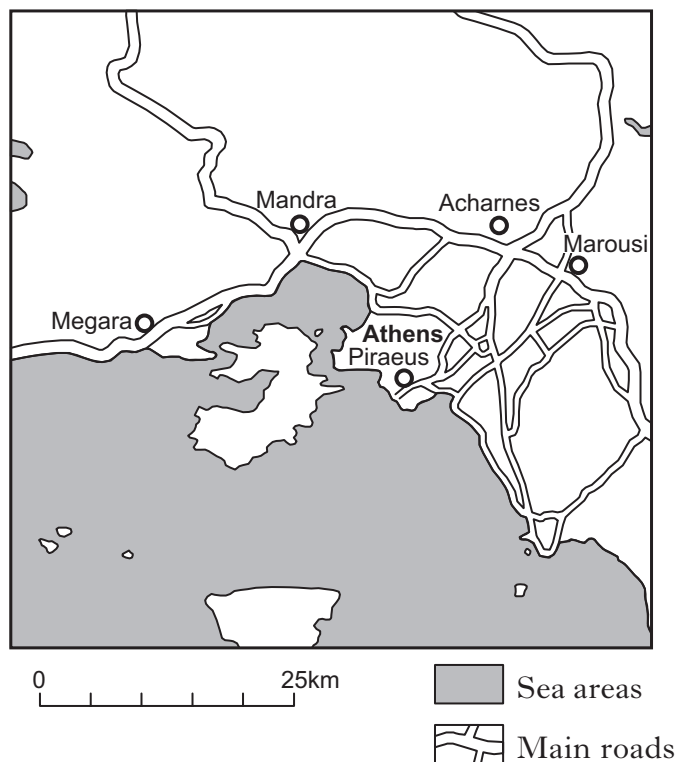
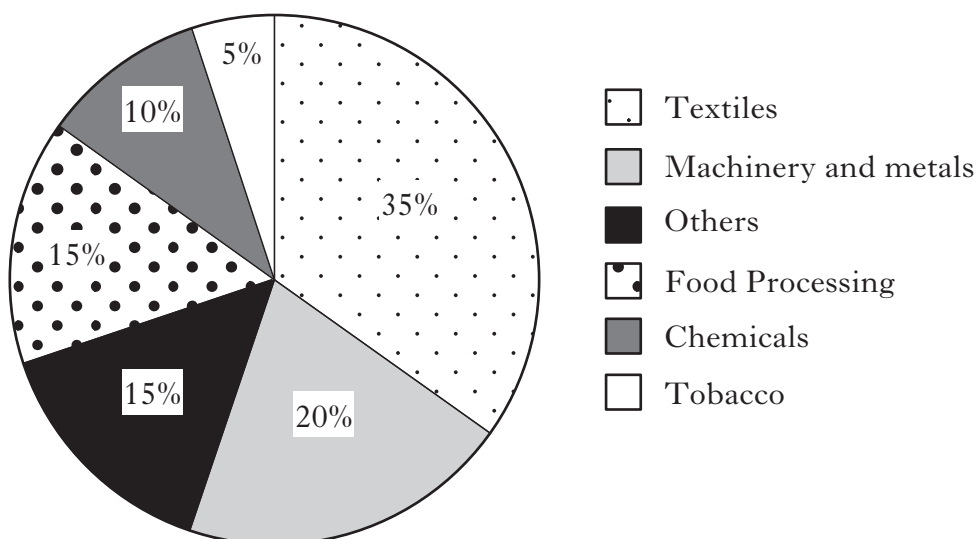


Diagram Q5C: Industry in Athens



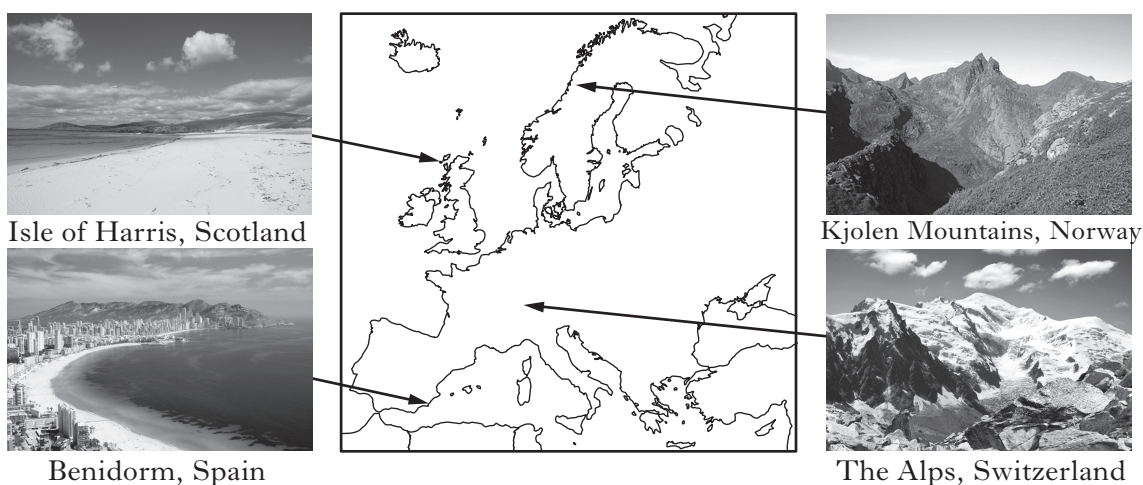
5. (continued)

(a) Study Diagrams Q5A, Q5B and Q5C.

For Athens, or any other area you have studied, **explain** why the air quality is poor.

3

Diagram Q5D: Differences in Environmental Quality



(b) Study Diagram Q5D.

Choose **either** two coastal areas **or** two mountain areas.

You may choose the examples in the diagram or areas which you have studied.

Explain the differences in environmental quality.

4

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5. (continued)

(c) **Describe** ways to improve the quality of water in rivers.

3

Total 10

[Turn over for Question 6 on *Page twenty-two*

Marks

Question 6: Development and Health**Table Q6A: Selected Development Indicators**

<i>Development Indicator</i>	<i>Average Income (£)</i>	<i>Adult Literacy Rate (%)</i>	<i>Life Expectancy at Birth</i>	<i>Birth Rate (per 1000 of the population)</i>
Botswana	8700	83%	55	30
Poland	11 500	99%	76	11
Rwanda	660	88%	51	40

(a) Study Table Q6A above.

Which **one** of the countries shown in the table do you think is the least developed?

Choice: _____

Give reasons for your choice.

3

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6. (continued)

Table Q6B: Worldwide Causes of Deaths (2011)

	<i>Malaria</i>	<i>Cholera</i>	<i>AIDS</i>	<i>Heart Disease</i>	<i>Cancer</i>
Number of Deaths	1·14 million	230 000	2·2 million	16·7 million	7·9 million

- (b) (i) Choose **one** of the diseases shown in the table above and **describe** what causes it.

Choice of disease: _____

4

- (ii) For malaria **or** AIDS **or** heart disease, **describe** the problems it could cause for a country affected by it.

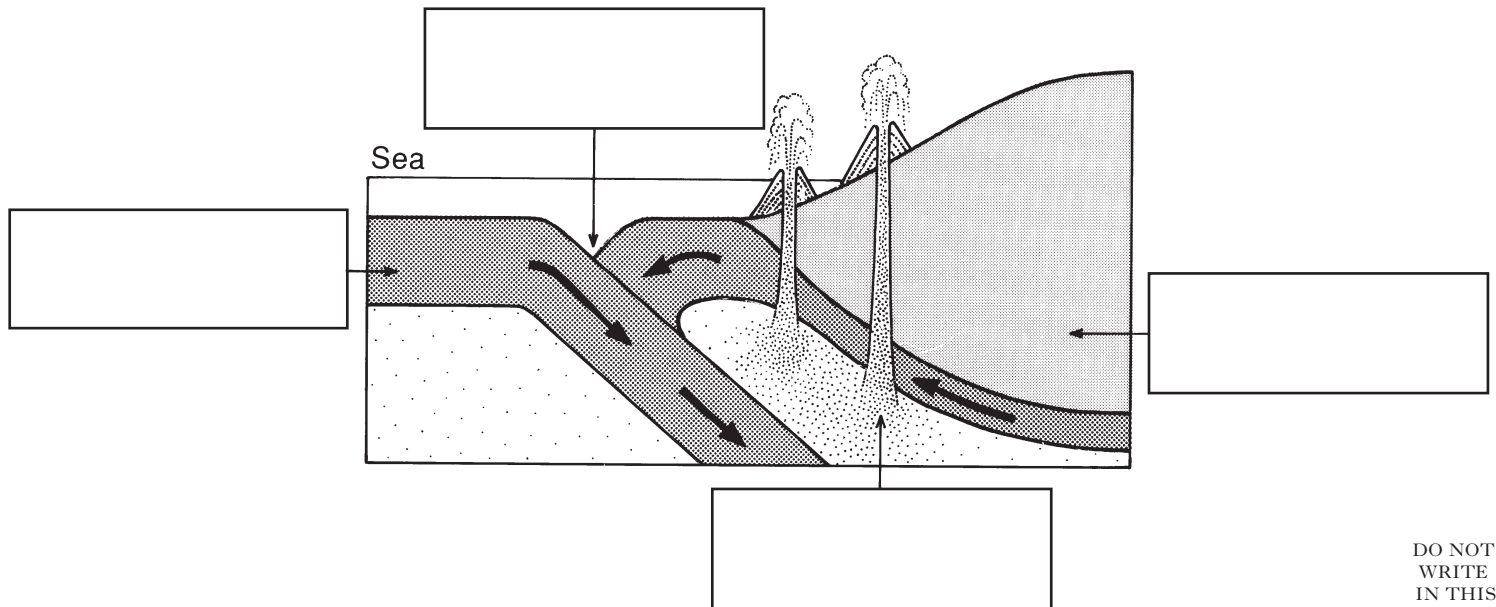
3

Total 10

[Turn over for Question 7 on Page twenty-four]

Question 7: Environmental Hazards

Diagram Q7: Volcanic Eruption



(a) Label Diagram Q7 correctly.

Marks

Choose from:

Magma Oceanic Crust Continental Crust Plate Boundary **3**

(b) For a **tropical storm** you have studied:

(i) **describe** the impact it had on the landscape **and** people;

4

(ii) **explain** ways of predicting tropical storms.

3

Total 10

[END OF QUESTION PAPER]

DO NOT
WRITE
IN THIS
MARGIN