

FOR OFFICIAL USE

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Total Marks

X208/101

NATIONAL
QUALIFICATIONS
2008

THURSDAY, 22 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)

--

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.



SECTION A

Marks

IN THIS SECTION YOU MUST ANSWER QUESTION 1 AND QUESTION 2

Question 1: Physical Environments

Reference Map Q1A: Selected Scenic Areas in the British Isles



Study Reference Map Q1A.

(a) Name upland glaciated area A and area of coastal erosion B.

A _____

B _____

2

Marks

1. (continued)

(b) Study the Ordnance Survey Map Extract (No 1657/194) of the Weymouth area.

(i) Match the features in the table below with the correct grid reference.

Choose from: 6682 6879 7181 7190

<i>Feature</i>	<i>Grid Reference</i>
Bay/beach	
River in wide flood plain	
Headland	
Narrow river flowing south	

3

(ii) Chesil Beach (6080) is one of the longest sandspits in the British Isles.

Explain how a sandspit is formed.

You may use diagrams in your answer.

3

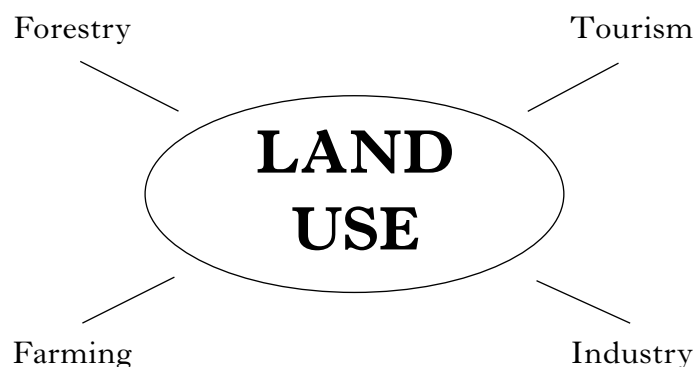
Marks

1. (b) (continued)

- (iii) Using specific map evidence, **explain** why physical features of this coastline attract tourists.

4

Reference Diagram Q1B: Selected Land Uses in Upland Areas



- (c) Study Reference Diagram Q1B.

- (i) There are many **conflicts** between different land uses in upland areas of the British Isles.

For **either** a glaciated upland **or** an upland limestone area, give reasons why there can be conflict between any **two** of the land uses shown.

4

Marks

1. (c) (continued)

- (ii) **Describe** ways in which National Park Authorities or other organisations help to protect the environment of upland areas in the British Isles.

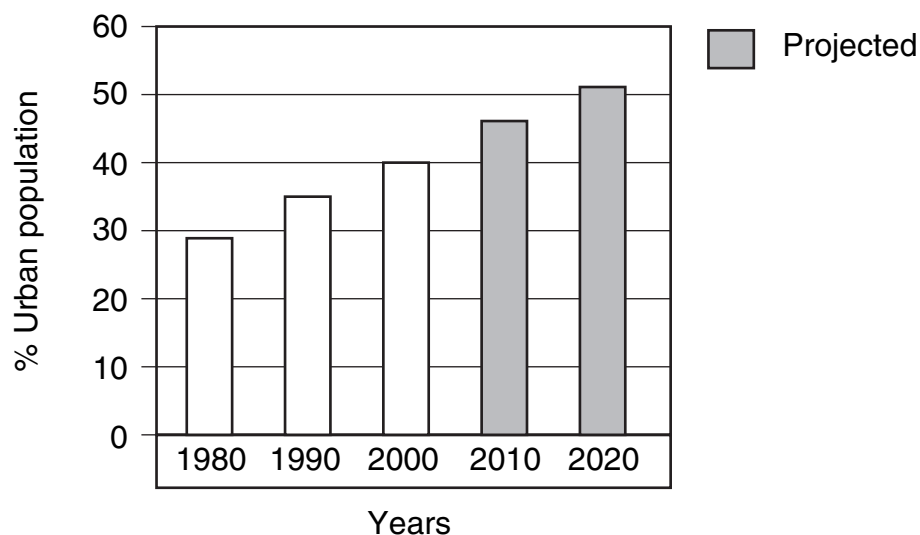
4

Total 20

[END OF QUESTION 1]

NOW GO ON TO QUESTION 2

Marks

Question 2: Human Environments**Reference Diagram Q2A: Percentage of Urban Population in the World**

- (a) (i) Study Reference Diagram Q2A.

Describe in detail the trends shown in Reference Diagram Q2A.

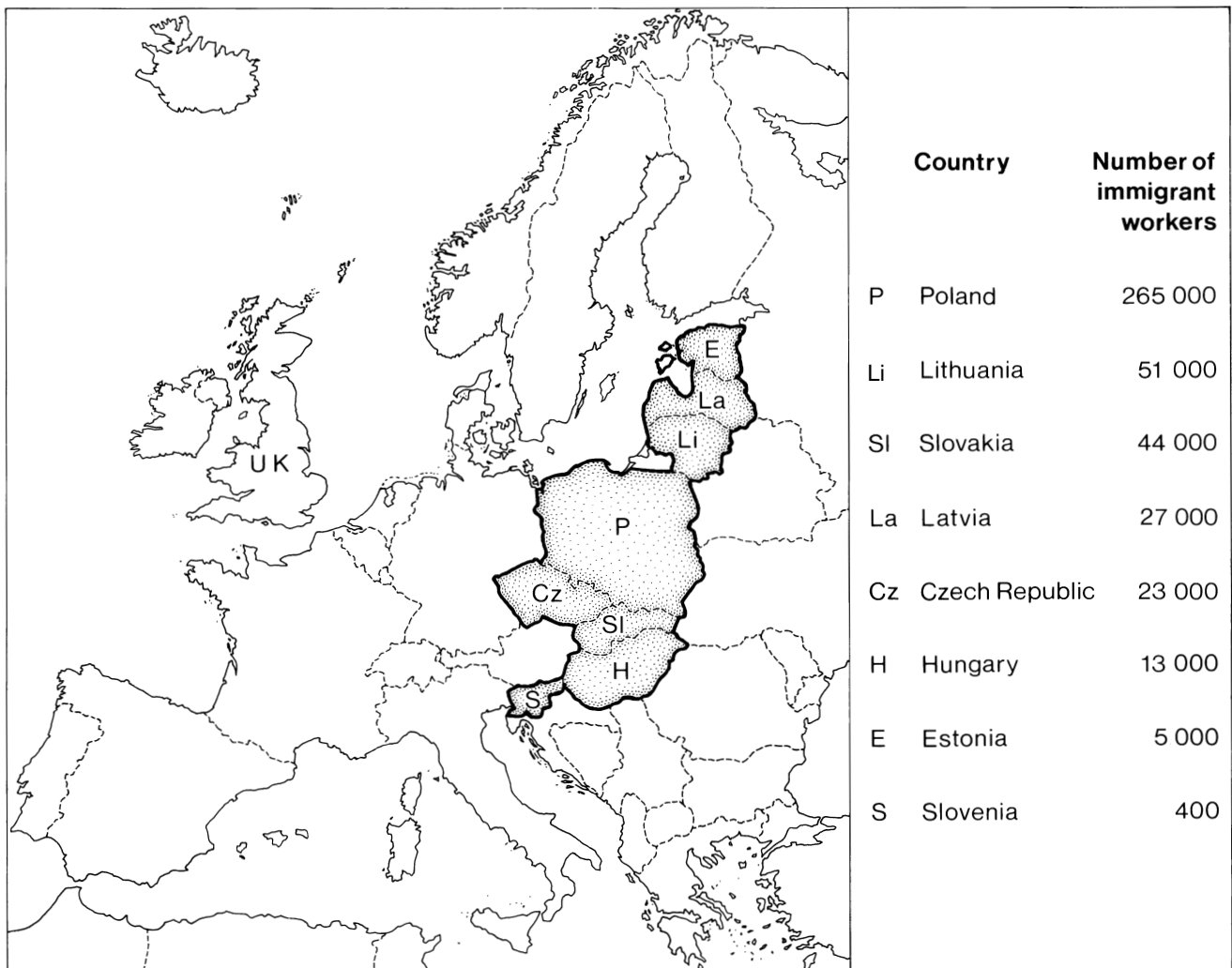
2

- (ii) Give reasons to explain the trends described in your answer to part (a)(i).

3

2. (continued)

**Reference Diagram Q2B: Immigrant Workers from Eastern Europe to UK
2004–2006**



(b) Study Reference Diagram Q2B.

Describe in detail the benefits **and** problems caused by the increasing number of workers arriving in the UK from Eastern Europe.

Marks

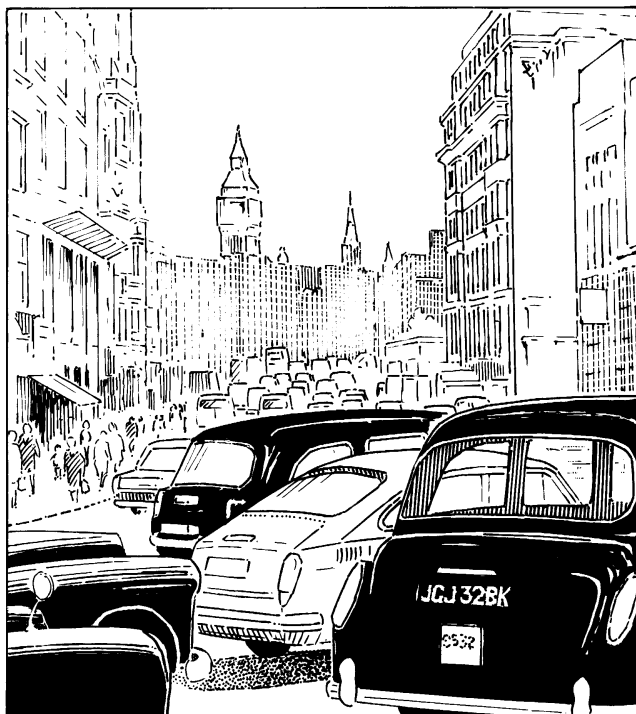
Your answer can refer to both the UK and countries in Eastern Europe.

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2. (continued)

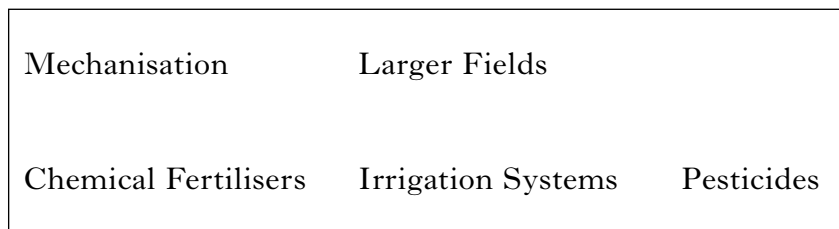
Reference Diagram Q2C: City Centre Traffic



(c) Study Reference Diagram Q2C.

For a named city in an Economically More Developed Country (EMDC) you have studied, **describe** possible solutions to the problem of city centre traffic congestion.

4

*Marks***2. (continued)****Reference Diagram Q2D: Modern Farming Techniques in Western Europe**

- (d) Study Reference Diagram Q2D.

Describe the environmental problems modern farming techniques can cause in rural areas. You may refer to some or all of those shown above in your answer.

4

- (e) Study the Ordnance Survey Map Extract.

Why would grid square 6689 be a good site for a new industrial estate?

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 19) |
| Question 6 | Development and Health | (Pages 20 to 21) |
| Question 7 | Environmental Hazards | (Pages 22 to 23) |

[Turn over

Question 3: Rural Land Degradation

Marks

Reference Diagram Q3A: Deforestation in South East Asia



(a) **Explain** why rainforest is being cleared in areas such as South East Asia.

4

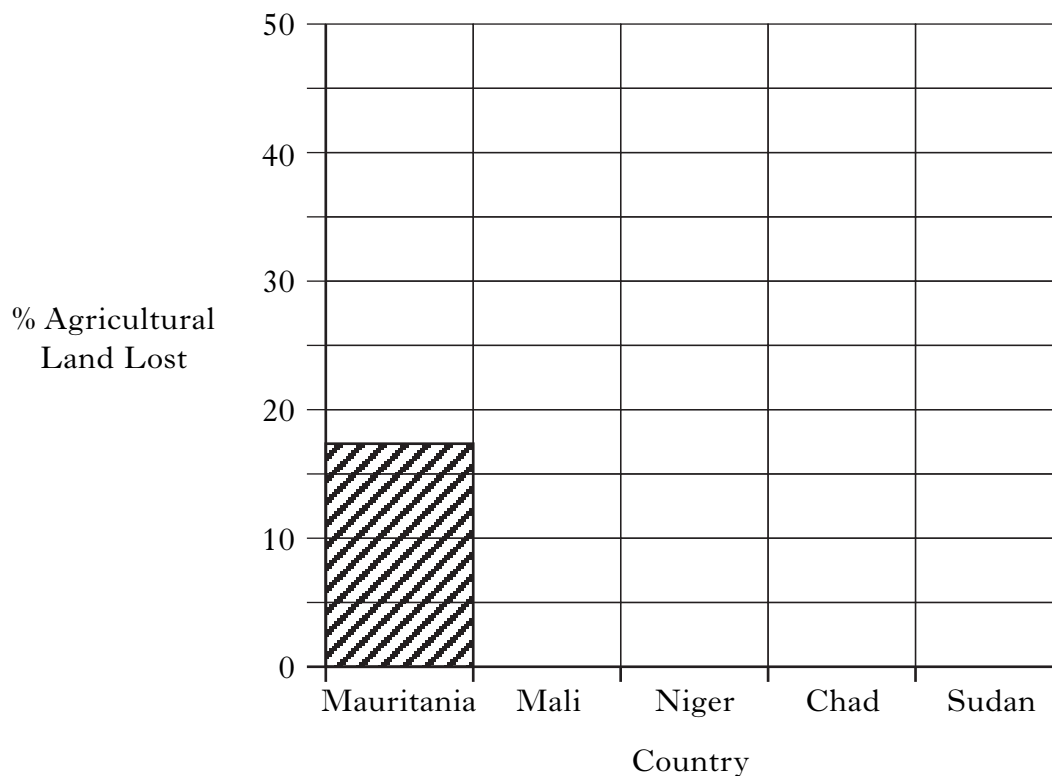
Reference Table Q3B: African Sahel—
Loss of Agricultural Land due to Desertification

<i>Country</i>	<i>% Agricultural Land Lost</i>
Mauritania	17
Mali	24
Niger	36
Chad	32
Sudan	44

Marks

3. (continued)

- (b) (i) Using the information in Reference Table Q3B, complete the bar graph below.



2

- (ii) Loss of farmland is **one** effect of the process of **desertification**.
For any area you have studied, **describe** other effects of this process on the **local population**.

4

Total 10

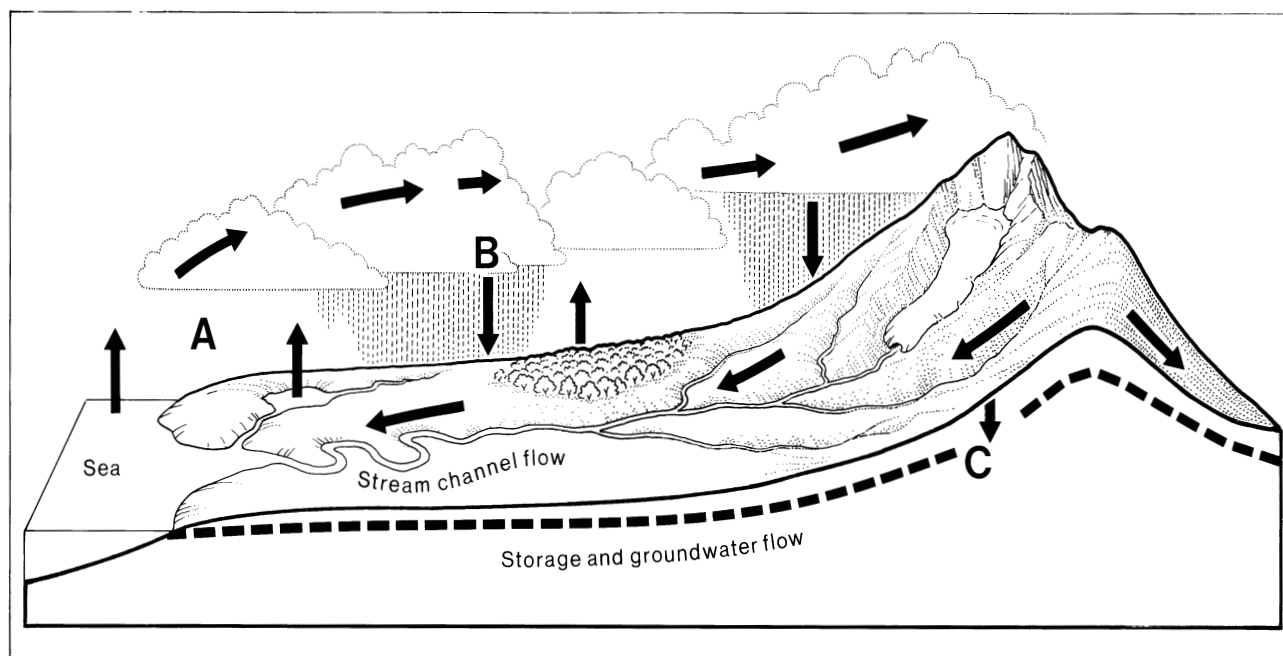
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Question 4: River Basin Management

Reference Diagram Q4A: The Hydrological Cycle



(a) Study Reference Diagram Q4A.

For letter A **or** B **or** C, **describe** in detail the process taking place.

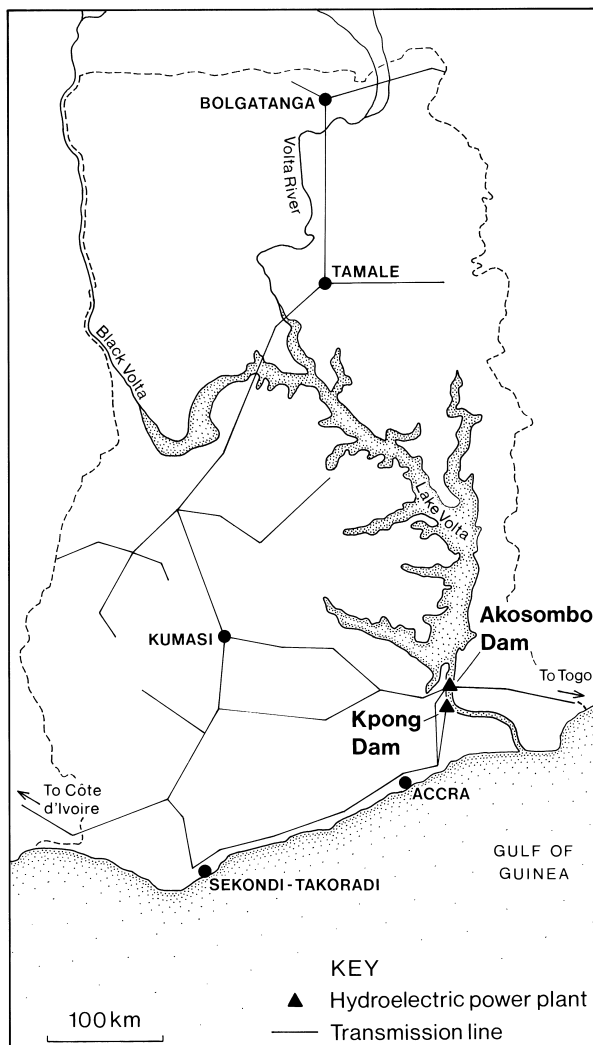
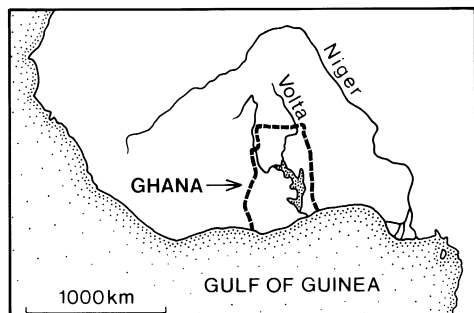
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4. (continued)

**Reference Diagram Q4B: River Basin Project
(Map of Ghana and Lake Volta)**



(b) (i) Study Reference Diagram Q4B.

For this, or any river basin project you have studied, **describe** the benefits which the project has brought to the area.

Marks

4. (b) (continued)

- (ii) For the project discussed in (b)(i), **explain** why damming the river may have caused problems.

3

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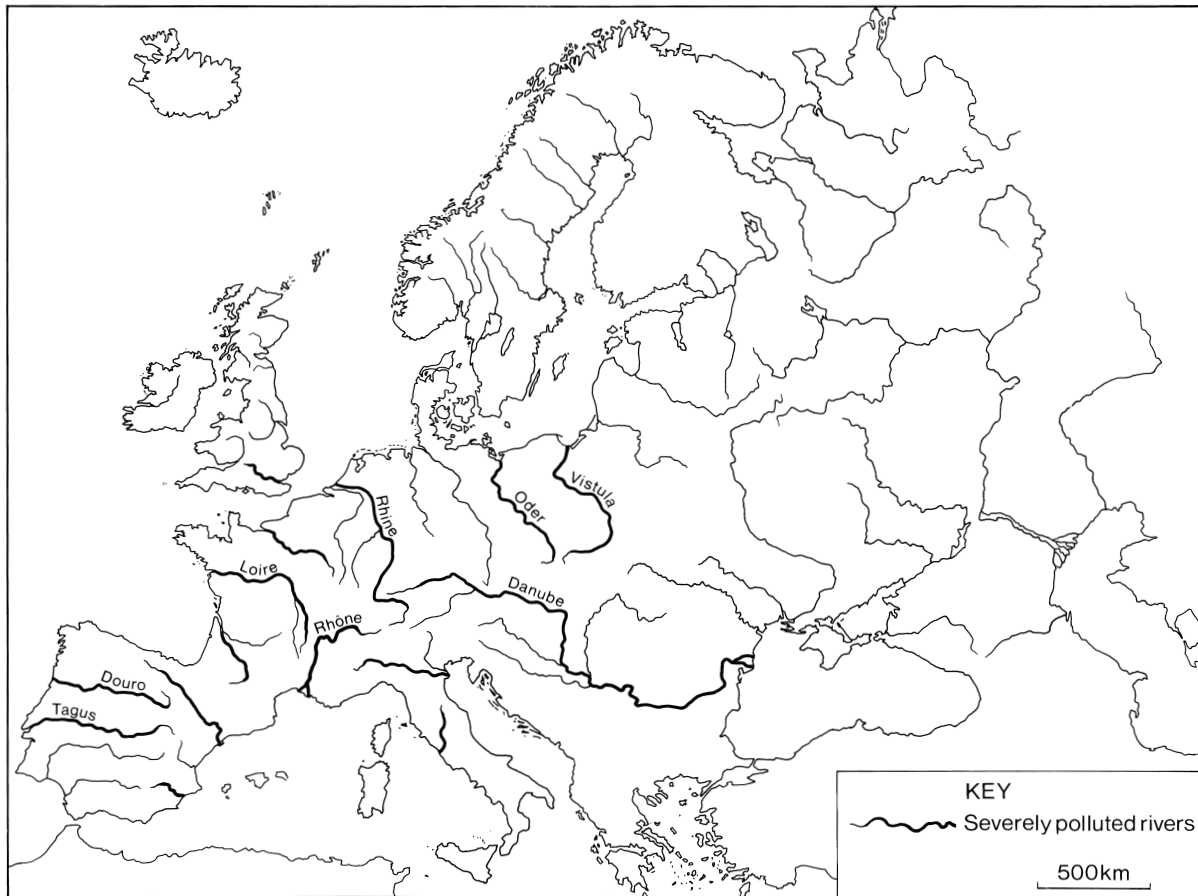
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Question 5: European Environmental Inequalities

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Reference Map Q5A: European Rivers with severe Pollution

Marks



(a) Study Reference Map Q5A.

(i) **Describe** the distribution of severely polluted rivers in Europe.

3

(ii) Suggest reasons why these rivers are more severely polluted than other rivers in Europe.

4

Marks

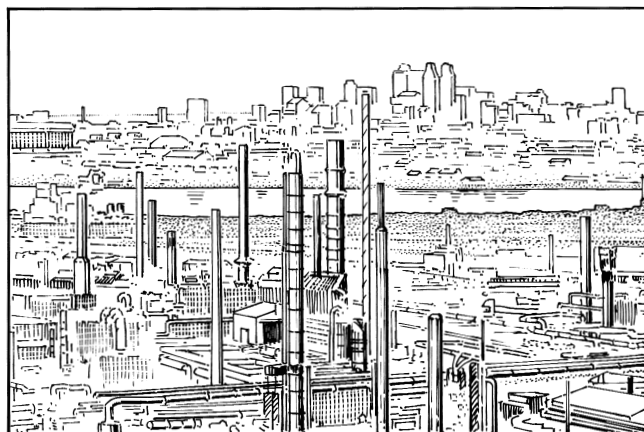
5. (continued)

Reference Sketches Q5B: Coastal Areas in Europe

Europort Rotterdam



Teesside Refinery



(b) Study Reference Sketches Q5B.

Describe measures taken to improve the quality of the environment for any sea/coastal area **or** mountain area you have studied.

3

Total 10

[Turn over

Marks

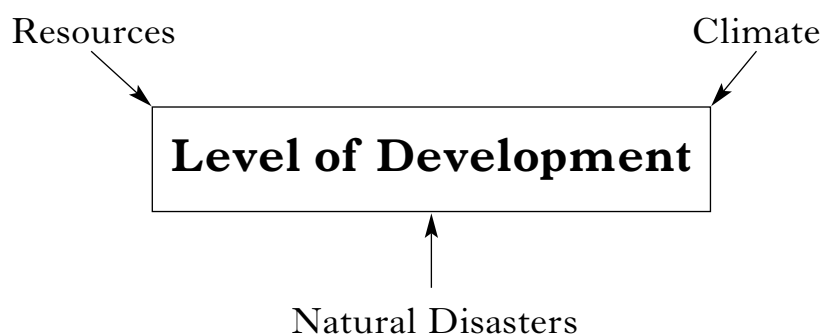
Question 6: Development and Health

- (a) The development of a country can be measured by development indicators.

Give **one** example of each of the following development indicators.

- (i) A social indicator _____
- (ii) An economic indicator _____
- (iii) A combined indicator _____

3

Reference Diagram Q6A: Selected Physical Factors affecting Levels of Development

- (b) **Explain** how the factors shown in Reference Diagram Q6A can affect the level of development of a country.

4

Marks

6. (continued)

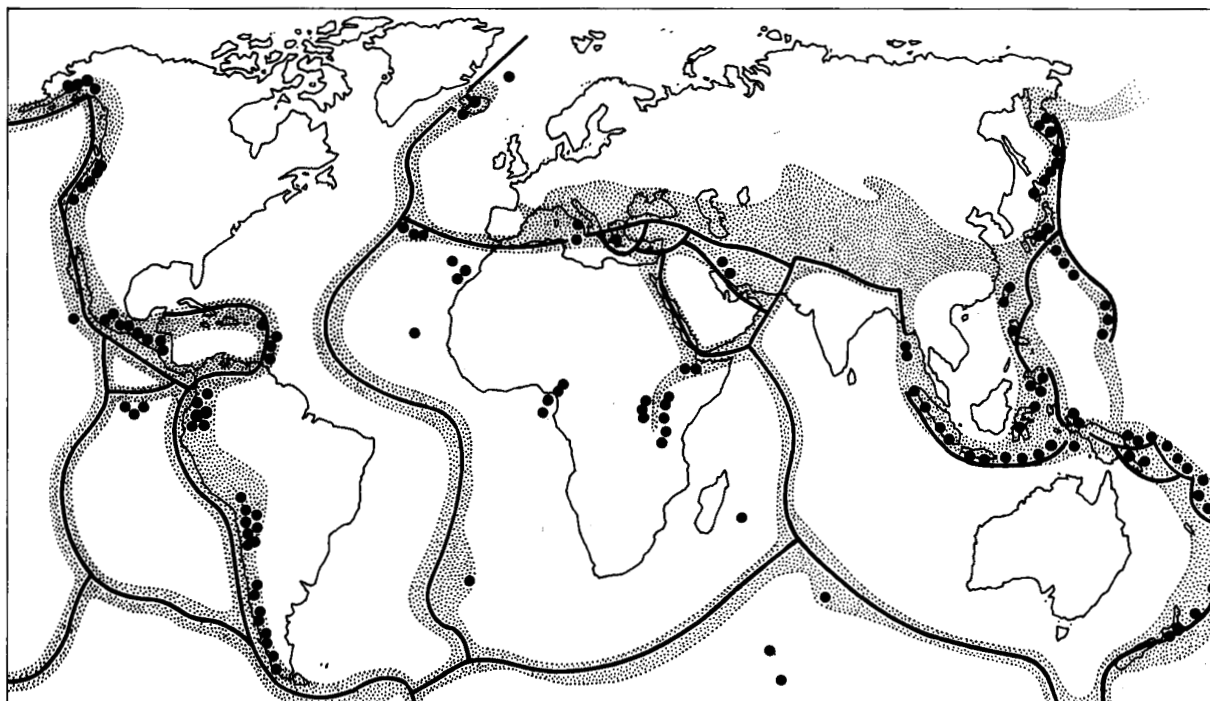
- (c) **Describe** measures taken to control either malaria **or** heart disease **or** AIDS.

3

Total 10

[Turn over

Marks

Question 7: Environmental Hazards**Reference Map Q7A: World distribution of Earthquakes, Volcanoes and Plate Boundaries**

-  Zones where most earthquakes happen
-  Volcanoes
-  Plate boundaries

(a) Study Reference Map Q7A.

Explain the distribution of earthquakes and volcanoes.

3

Marks

7. (continued)

Reference Diagram Q7B: Japan—A Dangerous Place to Live

94 active volcanoes

1000 earthquakes per year

- (b) Study Reference Diagram Q7B.

Describe methods that are used to predict volcanic eruptions **or** earthquakes.

3

- (c) For a tropical storm you have studied,
- explain**
- why both short term
- and**
- long term aid were needed after the disaster.

4

Total 10

[END OF QUESTION PAPER]

ACKNOWLEDGEMENTS

Question 2C—Photo of city centre traffic taken from page 27 of *Studies in Geography 1* by Broadley & Goring. ISBN 0 05 004055 3. Reproduced by permission of Alan Cash Picture Library.