

FOR OFFICIAL USE

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X208/101

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Total Marks

NATIONAL
QUALIFICATIONS
2010

MONDAY, 31 MAY
9.00 AM – 10.15 AM

GEOGRAPHY
INTERMEDIATE 1

Fill in these boxes and read what is printed below.

Full name of centre

--

Town

--

Forename(s)

--

Surname

--

Date of birth

Day Month Year

--	--	--	--	--	--

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.



IN THIS SECTION YOU MUST ANSWER QUESTION 1 AND QUESTION 2

Marks

Question 1: Physical Environments

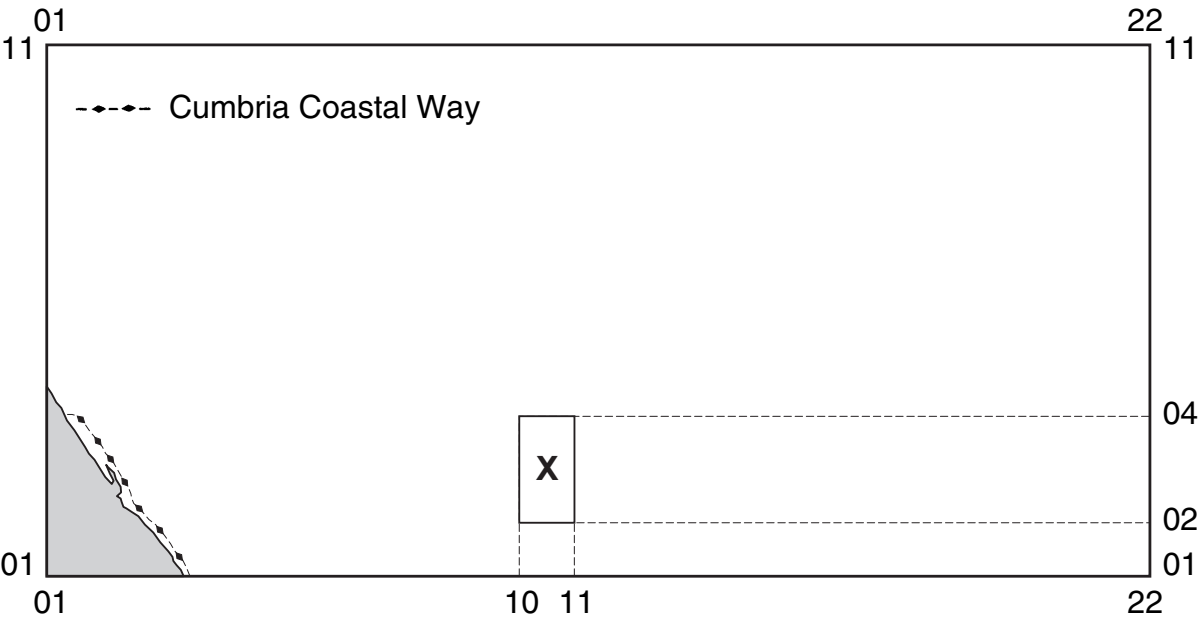
(a) Complete the table below by matching the areas with the correct landscape.

Choose from: **Upland limestone** **Glaciated upland**

<i>Area</i>	<i>Landscape</i>
Cairngorms	
Peak District	
Yorkshire Dales	
Snowdonia	

3

Diagram Q1A: Western Lake District



(b) Study the Ordnance Survey Map Extract (No 1787/89) and Diagram Q1A.

(i) “Area X contains part of a river in its lower course.”

Give map evidence to support this statement.

4

4

2

3

(ii) Using map evidence, describe problems walkers may have on this part of the Cumbria Coastal Way.

(i) Match the following glacial features with the correct grid reference number.

<i>Grid Reference</i>	<i>Feature</i>
1609	
1505	
2107	

Explain how the feature you have chosen was formed. You may wish to use diagrams in your answer.

[illegible]

(d) How do National Park Authorities try to reduce problems caused by increasing numbers of visitors?

4

Total 20

NOW GO ON TO QUESTION 2

Question 2: Human Environments

Diagram Q2A: World Population Density Map

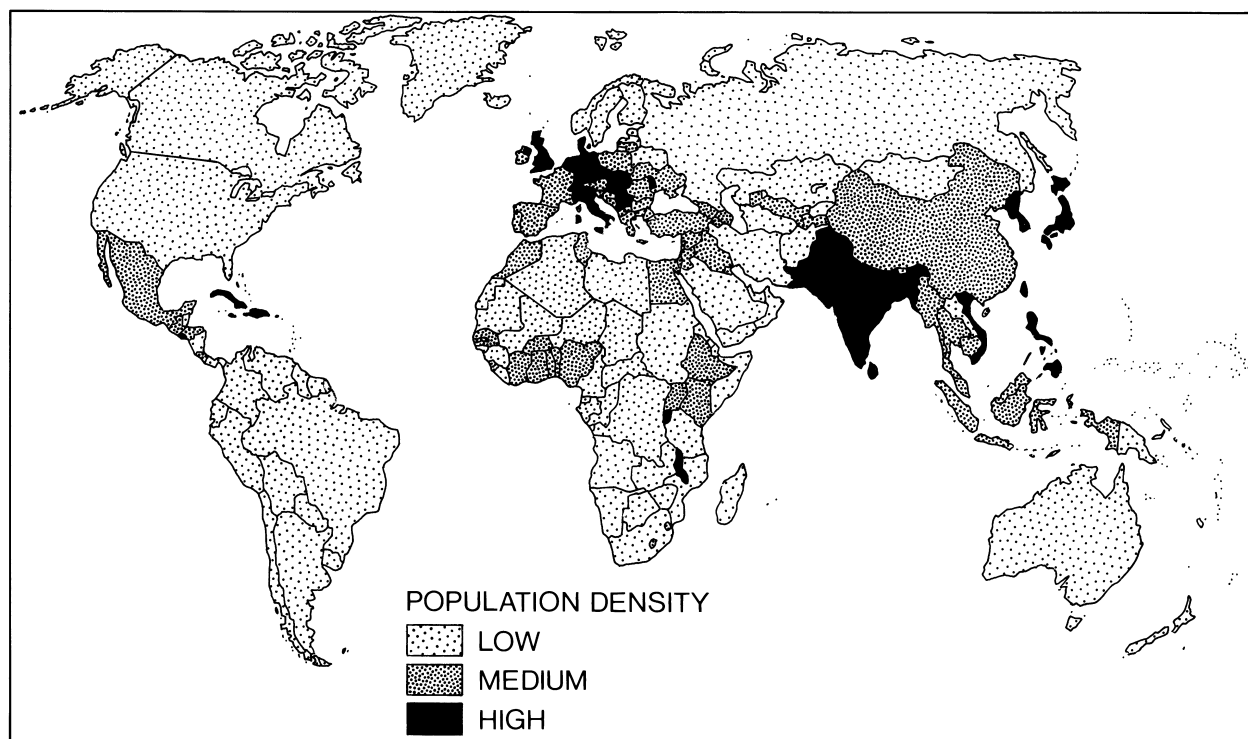


Diagram Q2B: Factors affecting Population Density

Relief : Climate : Resources : Employment opportunities : Water supply

(a) Study Diagrams Q2A and Q2B.

Select **two** factors and **explain** how they can affect population density in different parts of the world.

2. (continued)

Diagram Q2C: Urban Change

Leeds Inner City
before redevelopment



Leeds Inner City area
after redevelopment

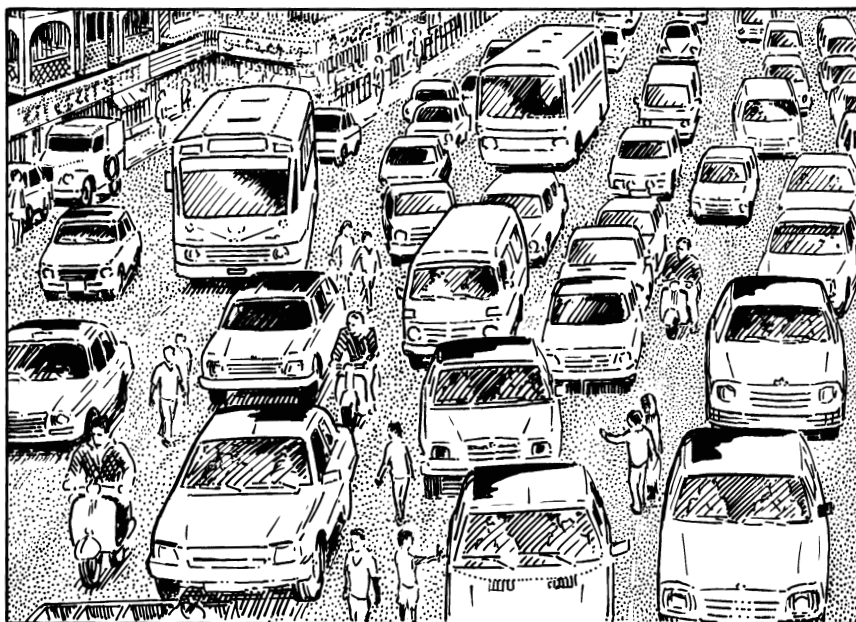


(b) Study Diagram Q2C above.

Describe methods used to redevelop **inner city** areas in rich countries.

2. (continued)

Diagram Q2D: Traffic Jam in Mumbai, India



- (c) **Describe** how traffic congestion has been reduced in cities throughout the world.

[Turn over

2. (continued)

Diagram Q2E: Waste Disposal in Cities

Waste disposal is an increasing problem.



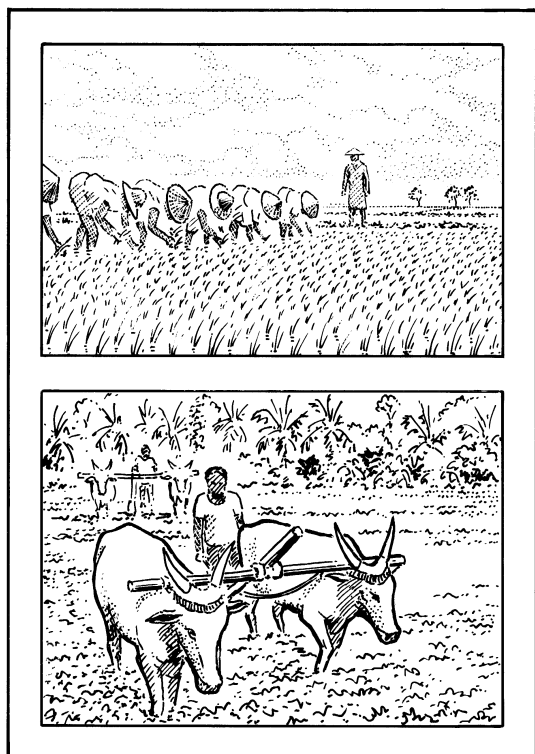
(d) How do city councils try to solve problems caused by waste?

3

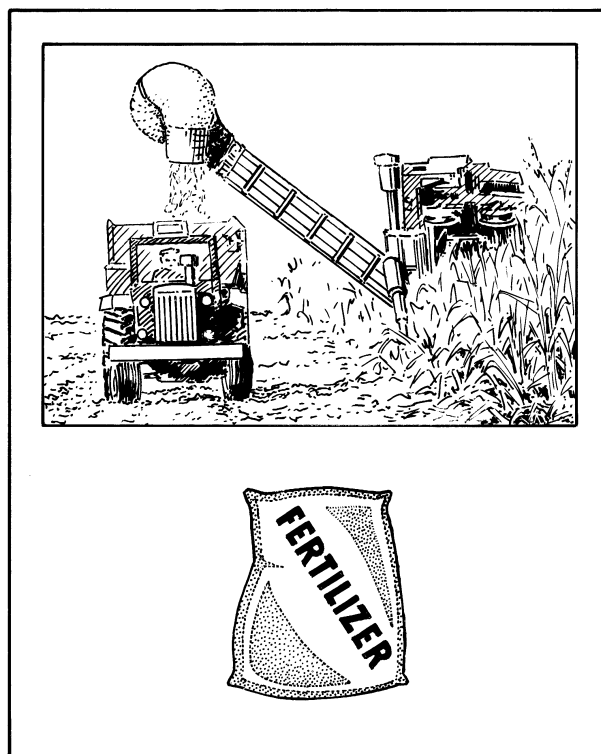
2. (continued)

Diagram Q2F: Changes in Farming Methods in Developing Countries

1960



2010



(e) Study Diagram Q2F.

What are the advantages **and/or** disadvantages of changes shown in the diagram?

Marks

2. (continued)

(f) In what ways do power stations affect their local environment?

3

Total 20

[END OF SECTION A]

NOW TURN TO SECTION B AND ANSWER ANY TWO QUESTIONS

SECTION B

Environmental Interactions

Answer any two questions from this section.

Choose from

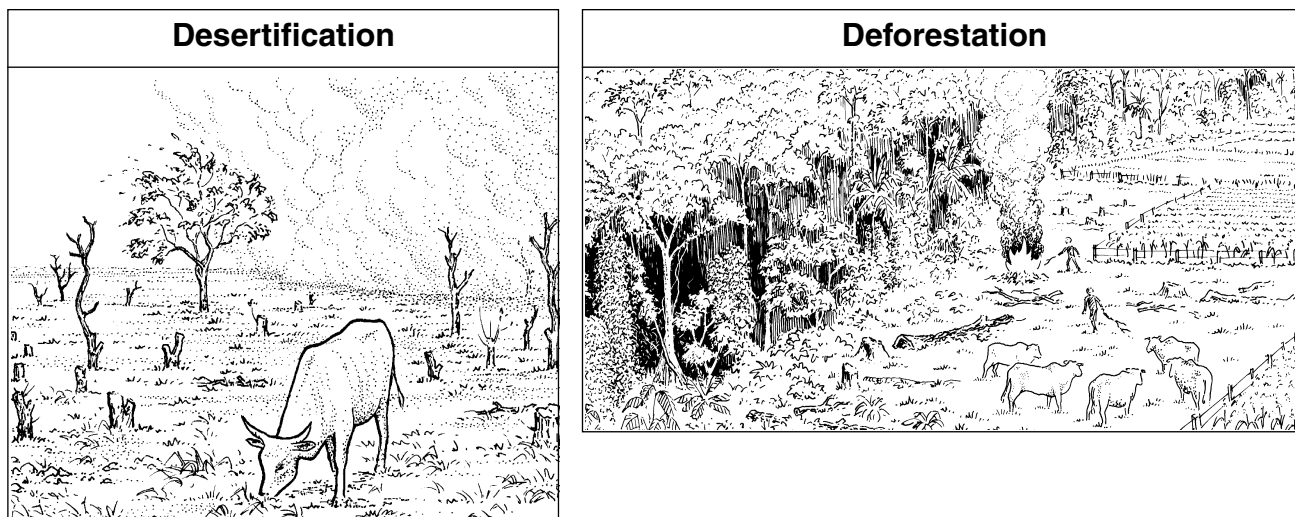
- | | | |
|------------|--|------------------|
| Question 3 | Rural Land Degradation | (Pages 12 to 13) |
| Question 4 | River Basin Management | (Pages 14 to 15) |
| Question 5 | European Environmental Inequalities | (Pages 16 to 17) |
| Question 6 | Development and Health | (Pages 18 to 19) |
| Question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

[Turn over

SECTION B

Question 3: Rural Land Degradation

Diagram Q3: Land Degradation



(a) Look at Diagram Q3 above.

(i) How have human activities caused land degradation?

3

(ii) Describe the **effects** of land degradation on the local population.

4

Marks

3. (continued)

(b) Describe ways to reduce **either** deforestation **or** desertification.

3

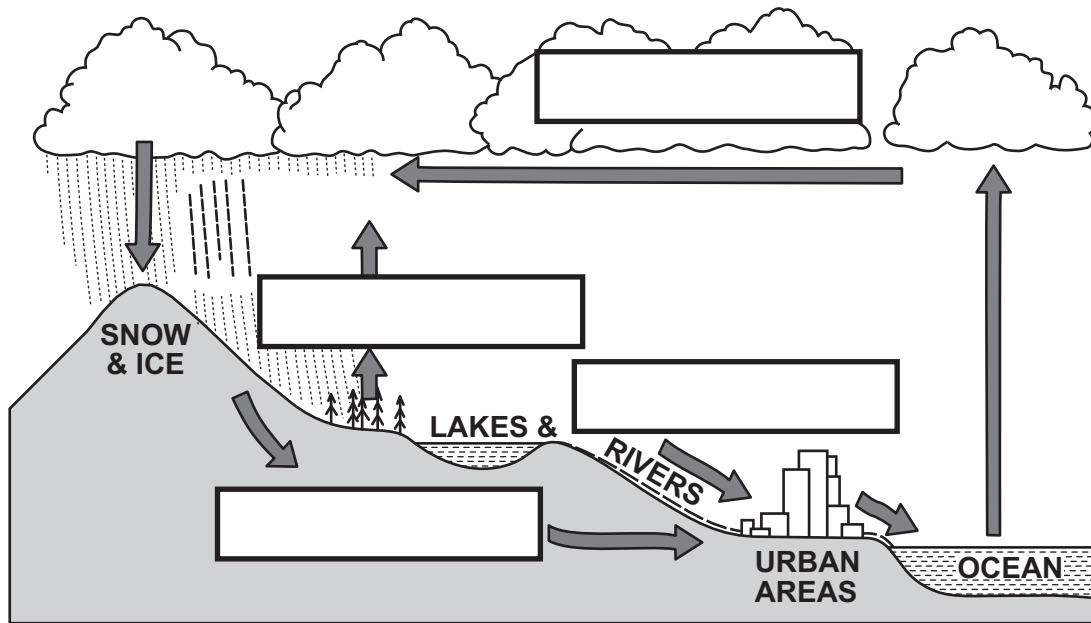
Total 10

[Turn over

Marks

Question 4: River Basin Management

Diagram Q4A: The Hydrological Cycle



- (a) From the list below, insert the correct word into the boxes to complete the diagram above.

groundwater

transpiration

condensation

run-off

3

*Marks***4. (continued)**

- (b) (i) Describe the advantages of a water control project which you have studied.

4

- (ii) For a river basin you have studied, describe the problems caused by the water control project.

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

Question 5: European Environmental Inequalities**Map Q5A: Coastal Pollution in Northern Europe****KEY**  **Polluted sea water**

- (a) (i) Study Map Q5A.

What are the main causes of coastal pollution in Northern Europe?

3

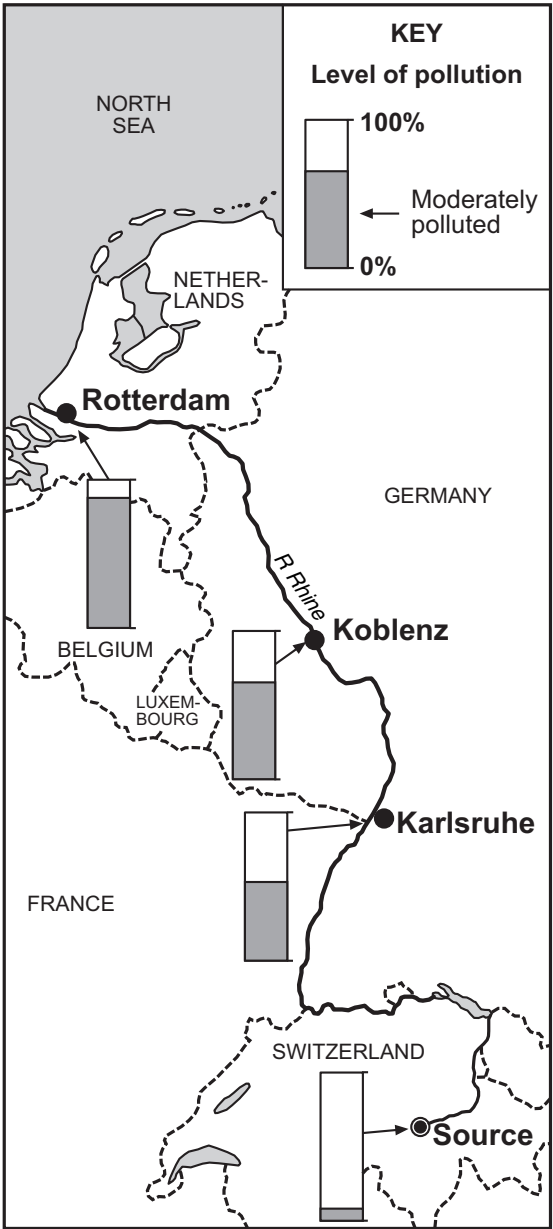
- (ii) For a coastal area you have studied, describe measures taken to reduce water pollution.

3

Marks

5. (continued)

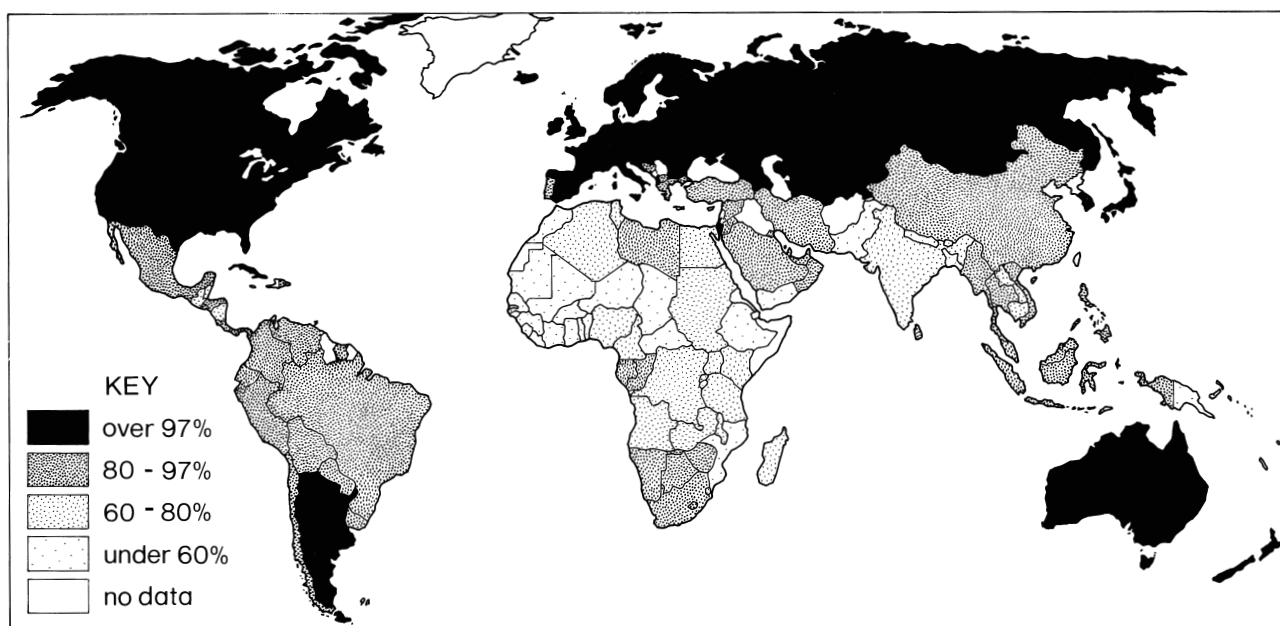
Diagram Q5B: River Pollution on
the River Rhine



- (b) Study Diagram Q5B.
- Describe changes in pollution levels along the River Rhine.
- _____
- _____
- _____
- _____
- _____
- _____
- _____
- _____
- _____
- _____

4
Total 10

[Turn over

Question 6: Development and Health**Map Q6: Adult Literacy**

(a) Study Map Q6.

(i) Which areas of the world have a low literacy rate?

2

(ii) In what ways would a low level of literacy affect the development of these areas?

2

Marks

6. (continued)

(b) (i) What are the major causes of **either** heart disease **or** AIDS?

3

(ii) Describe methods used to control the spread of **either** AIDS **or** heart disease.

3

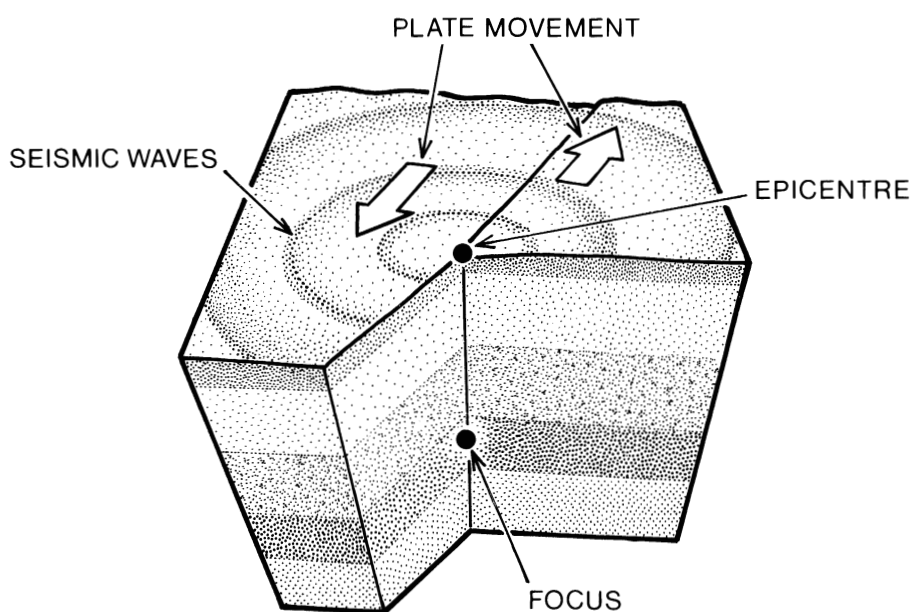
Total 10

[Turn over

Marks

Question 7: Environmental Hazards

Diagram Q7A



(a) Study Diagram Q7A.

What causes earthquakes?

3

*Marks***7. (continued)****Diagram Q7B***(b)* For a tropical storm you have studied:(i) describe its impact on the local people **and** the landscape;

4

(ii) describe the aid which was given to the local people.

3**Total 10***[END OF QUESTION PAPER]*

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