

FOR OFFICIAL USE

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

X208/101

--

Total Marks

NATIONAL
QUALIFICATIONS
2011

TUESDAY, 24 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

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

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

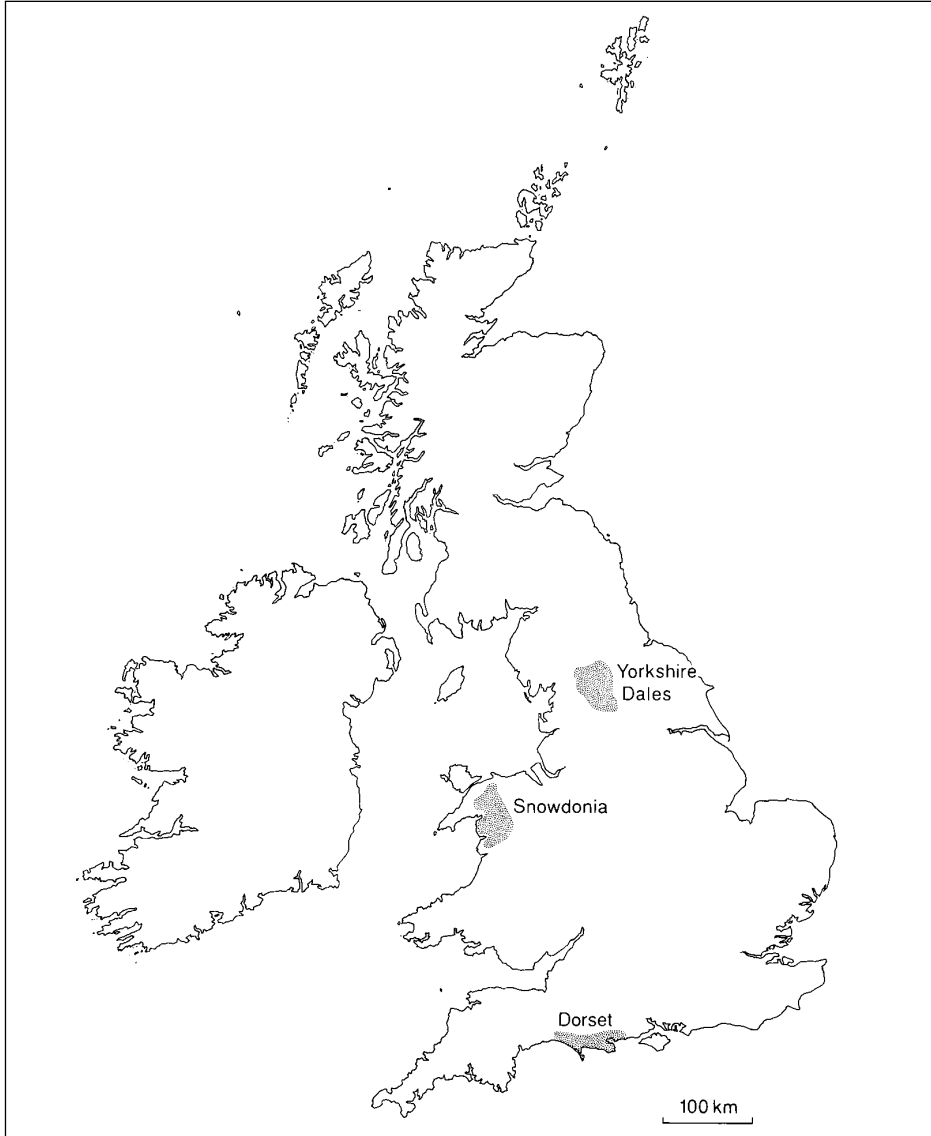
IN THIS SECTION YOU MUST ANSWER QUESTION 1 AND QUESTION 2

Marks

DO NOT
WRITE
IN THIS
MARGIN

Question 1: Physical Environments

Map Q1A: Scenic Areas in the British Isles



- (a) Complete the table below by matching each landscape type to the correct scenic areas named on Map Q1A.

Choose from:

Upland glaciation

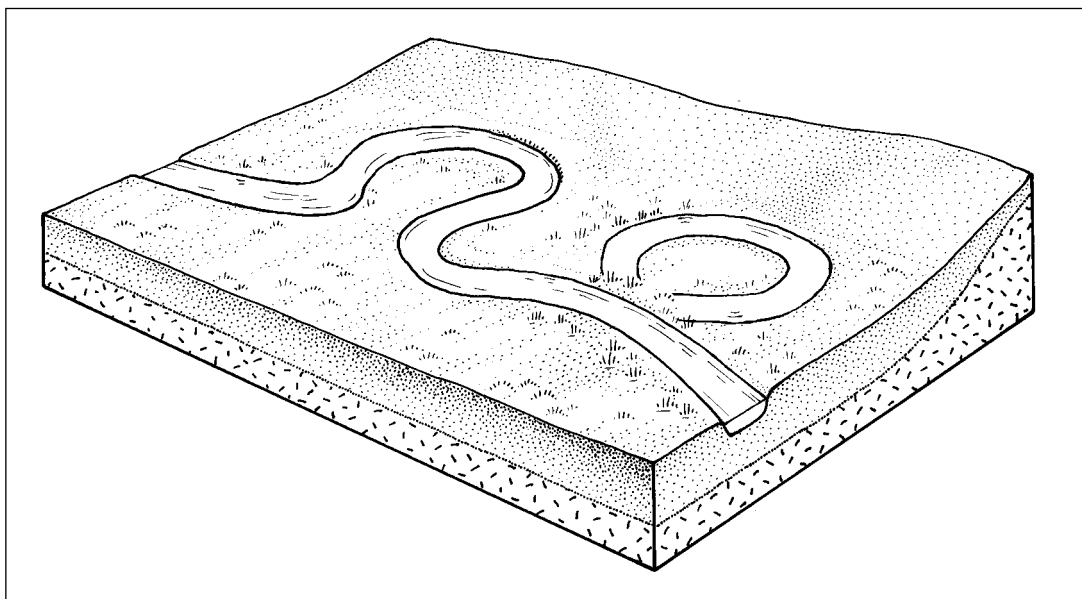
Coastal erosion

Upland limestone

<i>Name of Scenic Area</i>	<i>Landscape</i>
Dorset	
Yorkshire Dales	
Snowdonia	

1. (continued)

Diagram Q1B: Ox-Bow Lake



(b) Study Diagram Q1B above.

Explain how an ox-bow lake is formed.

You may wish to use diagrams to illustrate your answer.

Marks

1. (continued)

(c) Study the Ordnance Survey Map Extract (No 1881/158) of the Tenby Area.

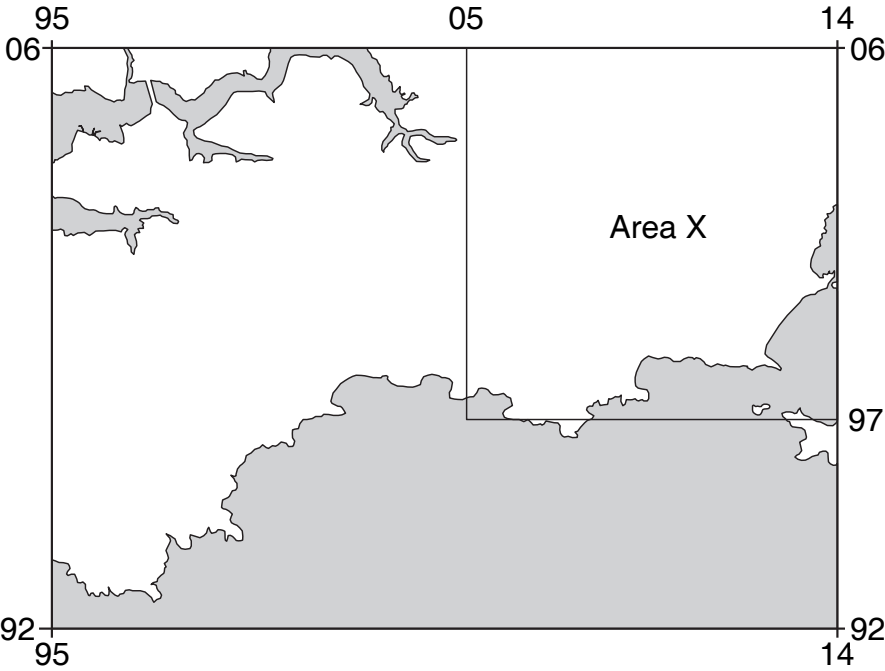
Match the features in the table below with the correct grid reference.

Choose from: 9893 1299 0397 9895

<i>Feature</i>	<i>Grid Reference</i>
Cliff	
Stack	
Beach	

3

Diagram Q1C

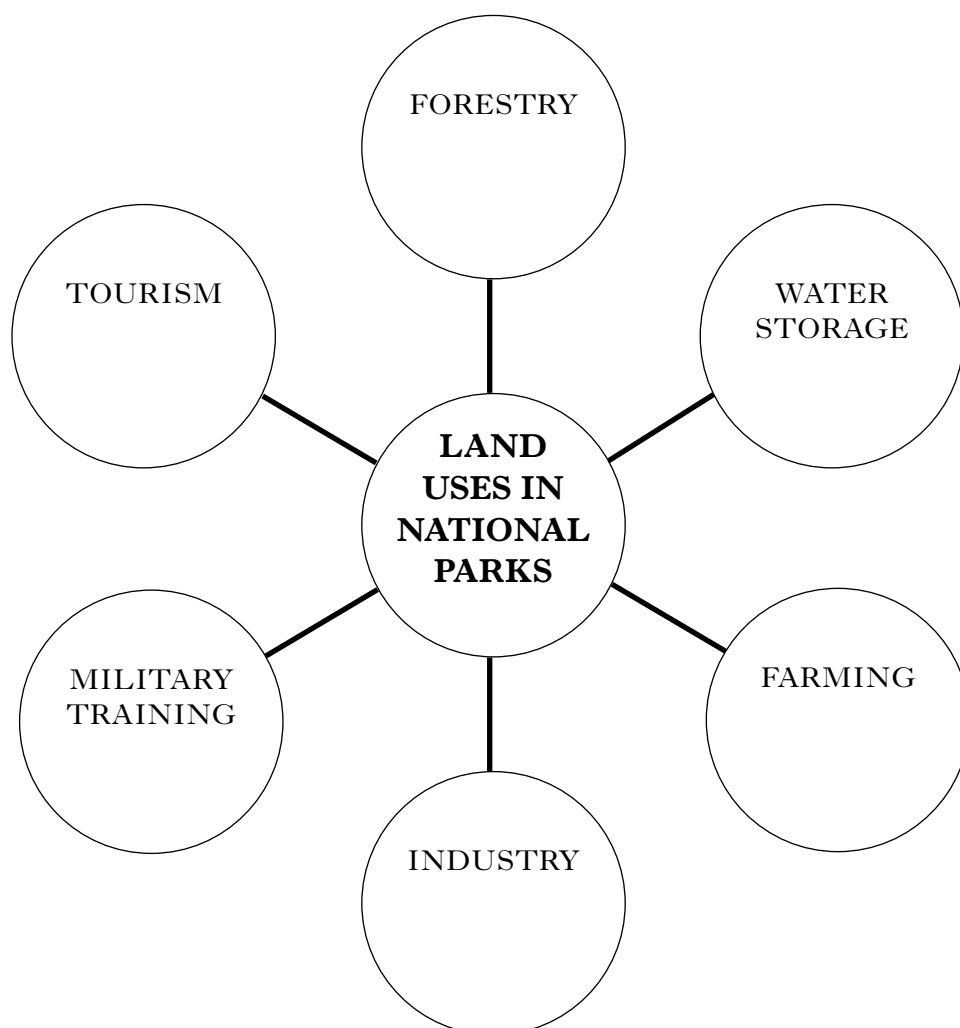


(d) Study the Ordnance Survey Map Extract (No 1881/158) and Diagram Q1C.
Using map evidence, give reasons why Area X attracts tourists.

4

1. (continued)

Diagram Q1D: Land Uses in National Parks



(e) Study Diagram Q1D.

- (i) For any **two** of the land uses, **explain** how they may be in conflict with each other.

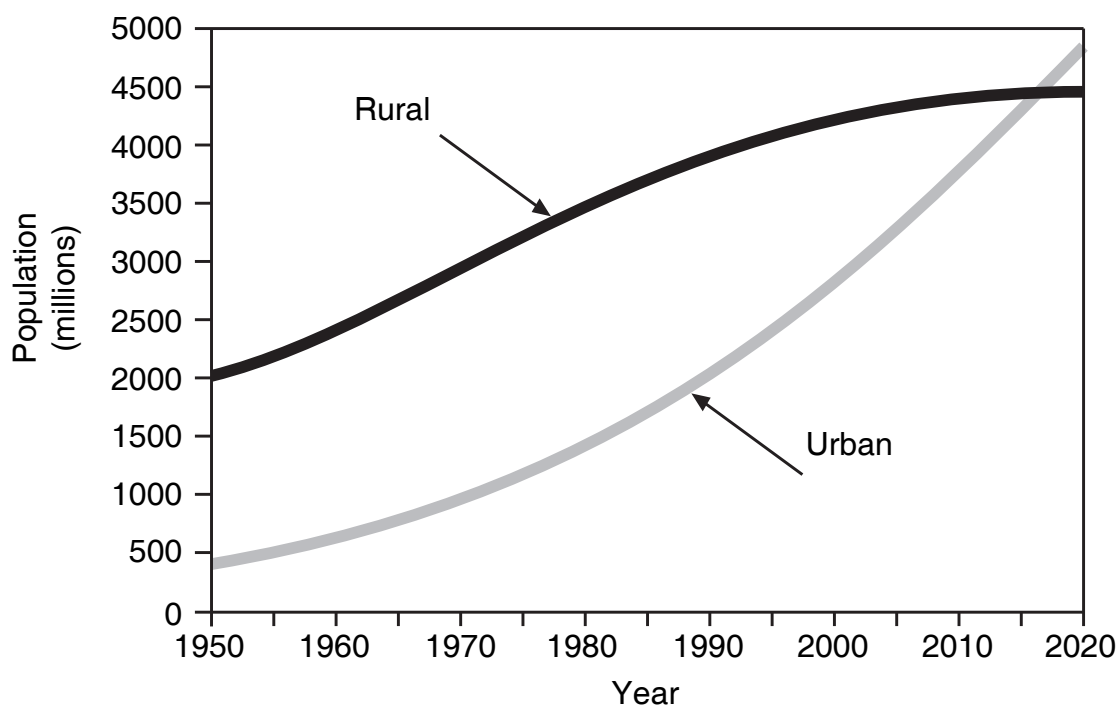
*Marks***1. (e) (continued)**

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

3**Total 20**

[END OF QUESTION 1]

NOW GO ON TO QUESTION 2

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

(a) Study Diagram Q2A.

(i) **Describe** the changes shown in the graph.

2

(ii) What problems have been caused by the movement of people from rural to urban areas?

3

2. (continued)

Diagram Q2B: Out-of-Town Shopping Centre



Diagram Q2C: Newspaper Headline

**MORE PEOPLE ARE NOW USING OUT-OF-TOWN
SHOPPING CENTRES**

(b) Study Diagrams Q2B and Q2C.

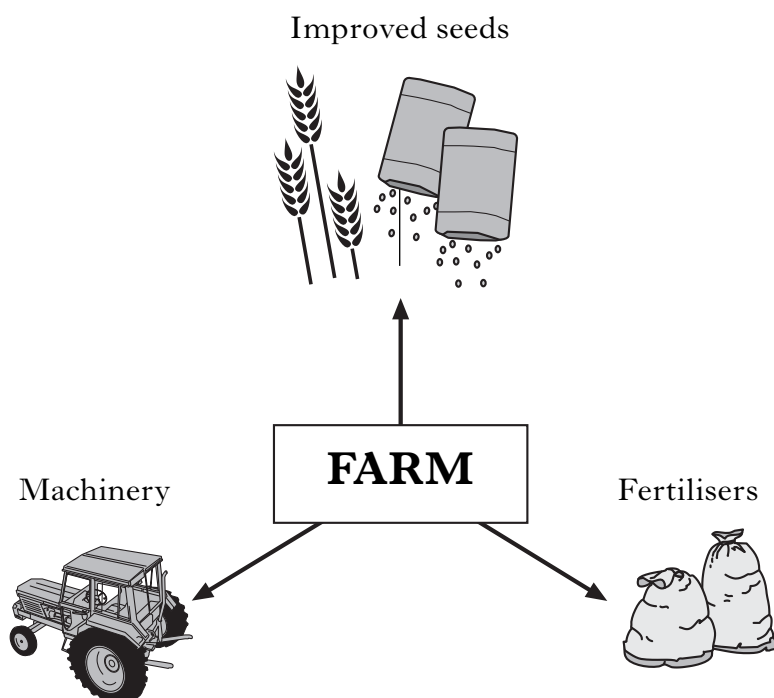
(i) **Explain** why out-of-town shopping centres are becoming popular.

2. (b) (continued)

(ii) What effect might this have on town centres?

3

Diagram Q2D: Farming Changes in Developing Countries

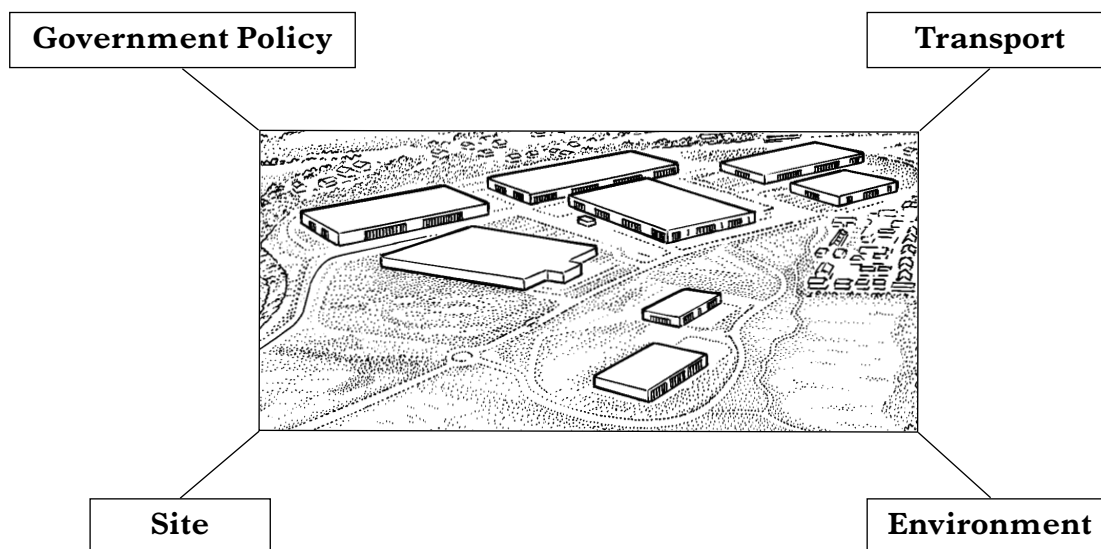


(c) Study Diagram Q2D.

Describe benefits **and** problems caused by these changes.

4

2. (continued)

Diagram Q2E: Factors Affecting Industrial Location

(d) Study Diagram Q2E.

Why are many new industries located on the edge of towns and cities?

4

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

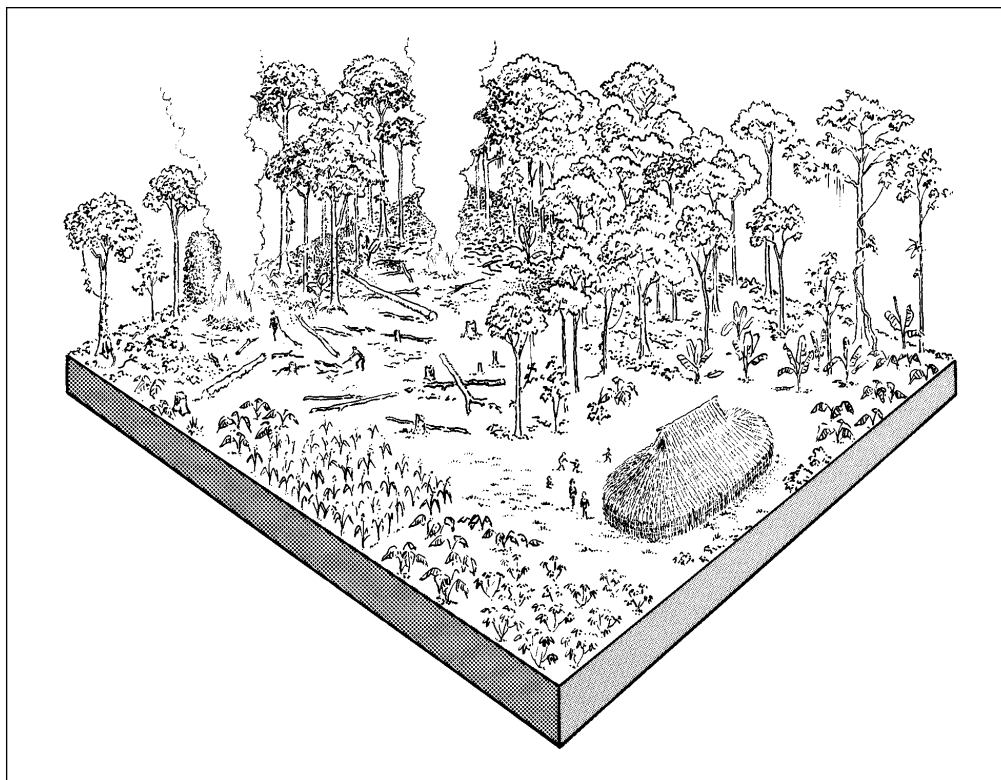
- | | | |
|------------|--|------------------|
| Question 3 | Rural Land Degradation | (Pages 12 to 13) |
| Question 4 | River Basin Management | (Pages 14 to 15) |
| Question 5 | European Environmental Inequalities | (Pages 16 to 17) |
| Question 6 | Development and Health | (Pages 18 to 19) |
| Question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

[Turn over

SECTION B

Question 3: Rural Land Degradation

Diagram Q3A: Farming in the Brazilian Rainforest



(a) Study Diagram Q3A.

- (i) For Brazil, or any other area of forest you have studied, **describe** the main methods of farming in the area.

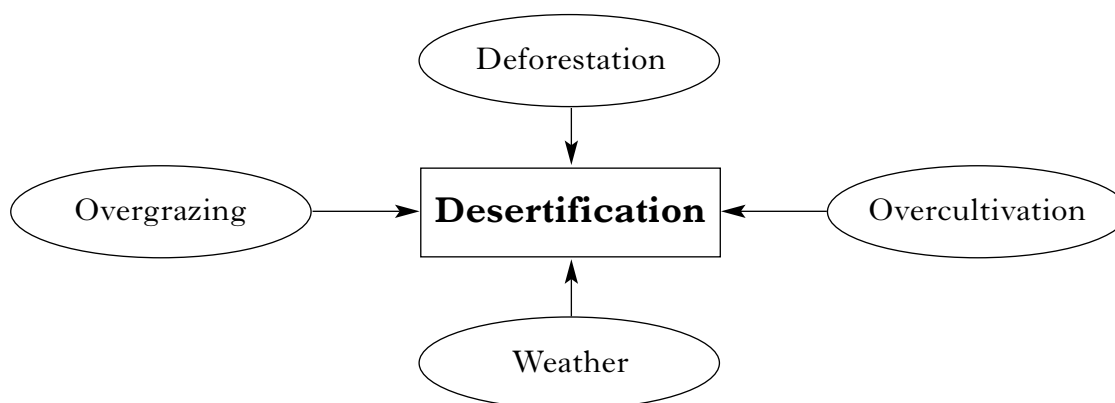
Marks

3. (a) (continued)

- (ii) **Describe** how deforestation affects the local people.

3

Diagram Q3B: Causes of Desertification



- (b) Choose **two** of the factors shown in Diagram Q3B and **explain** how **each one** can lead to desertification.

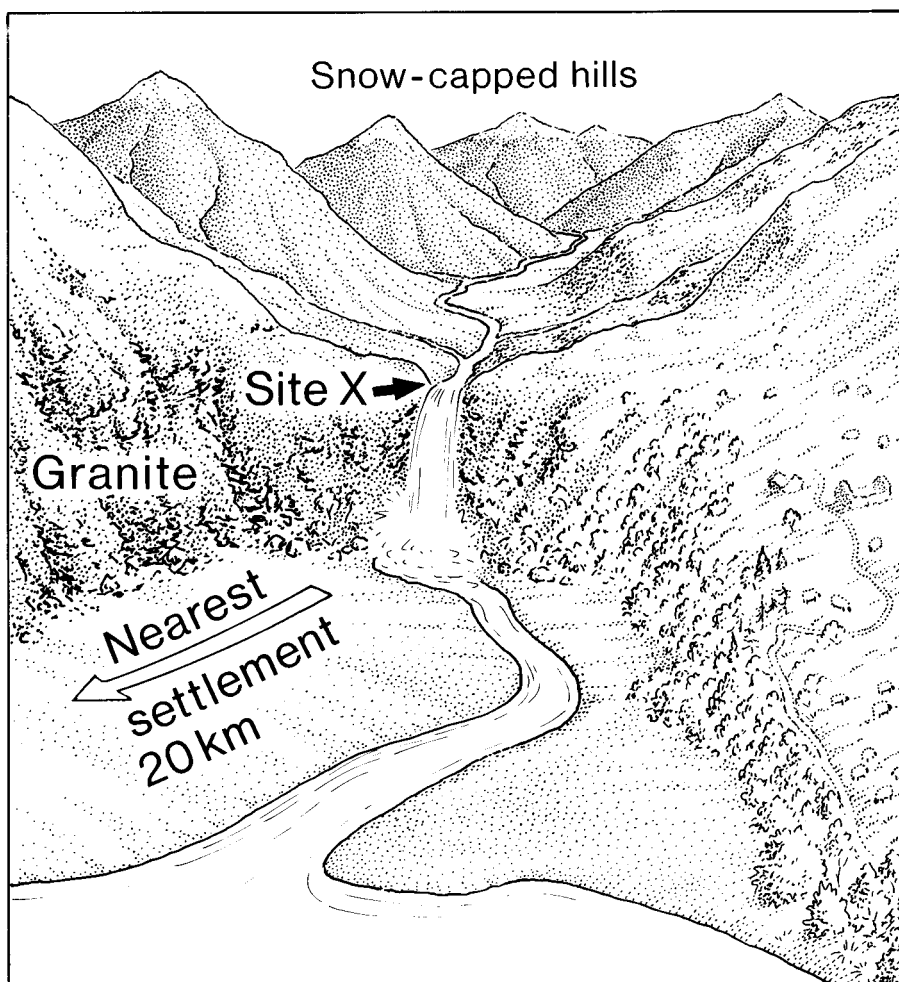
4

Total 10

[Turn over]

Question 4: River Basin Management

Diagram Q4A: Proposed Site for a Dam

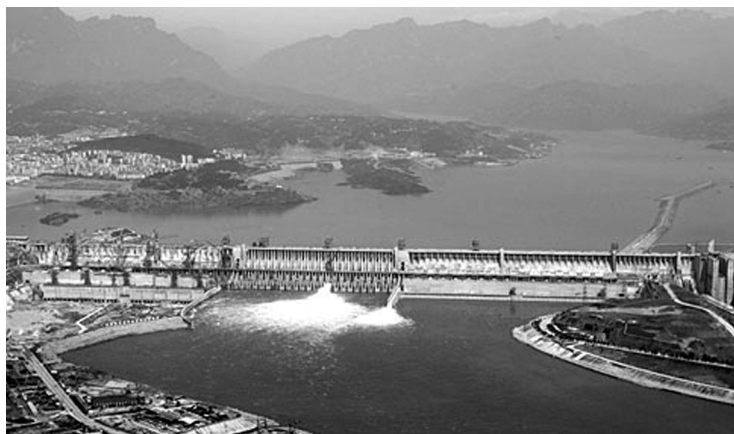
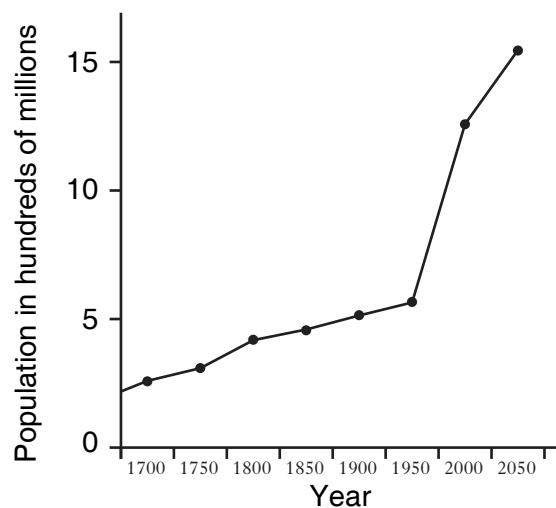


(a) Study Diagram Q4A.

Why is site X a good place to build a dam?

Marks

4. (continued)

Diagram Q4B: Three Gorges Dam,
ChinaDiagram Q4C: Population Change in
China

(b) Study Diagrams Q4B and Q4C.

(i) Why do countries such as China need to build dams?

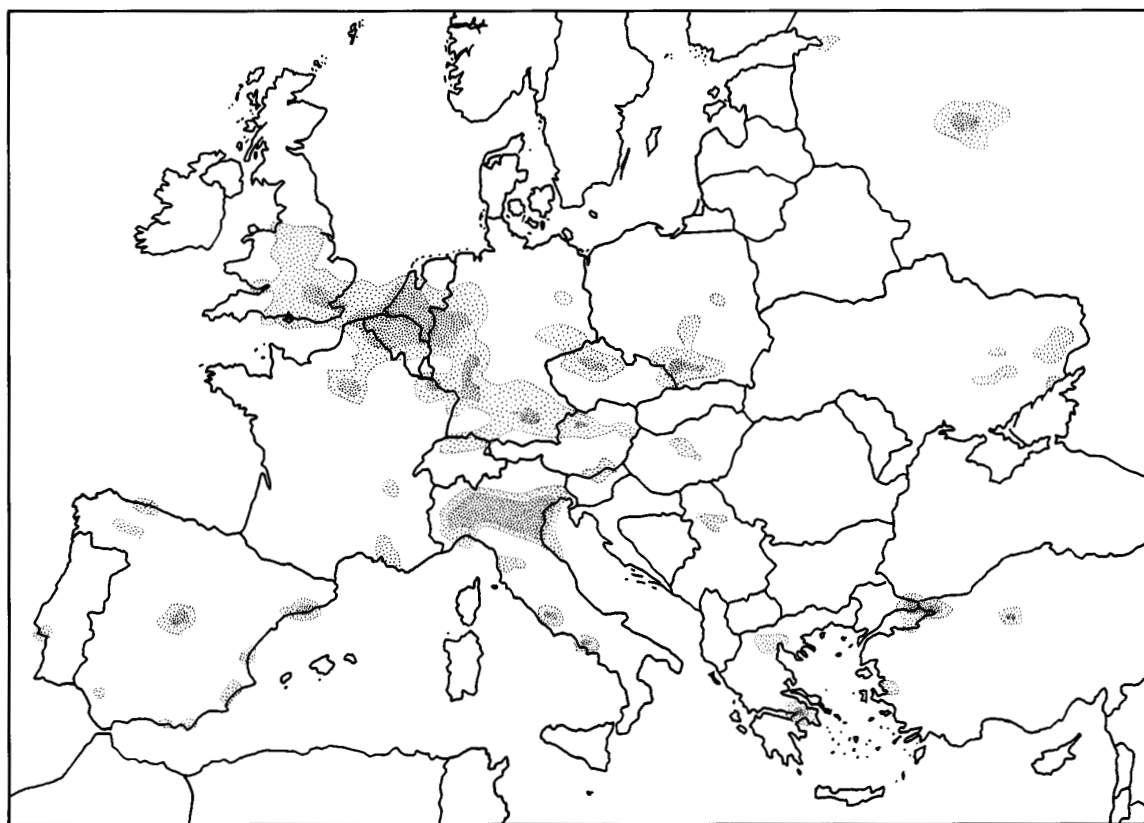
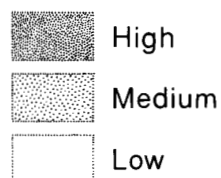
3

(ii) Describe the problems which may be caused for neighbouring countries.

3

Total 10

[Turn over]

Question 5: European Environmental Inequalities**Map Q5: Pollution Levels in Europe****Nitrogen dioxide levels**

(a) Study Map Q5.

(i) **Describe** the pattern of nitrogen dioxide levels in Europe.

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

- (ii) **Explain** this pattern. You should mention industry, population and tourism.

4

- (b) For any sea/coastal **or** mountain area you have studied, **describe** ways to improve the quality of the environment.

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

Marks

Question 6: Development and Health**Diagram Q6A: Indicators of Development for Selected Countries**

<i>Indicator</i>	<i>Brazil</i>	<i>Kenya</i>
GDP per capita (US Dollars)	10,100	1600
Birth Rate (per 1000)	19	39
Human Development Index	0·8	0·35
Energy Consumption (megawatt hours/year)	368,500,000	4,464,000

(a) Study Diagram Q6A

Give an example of:

a social indicator; _____

an economic indicator; _____

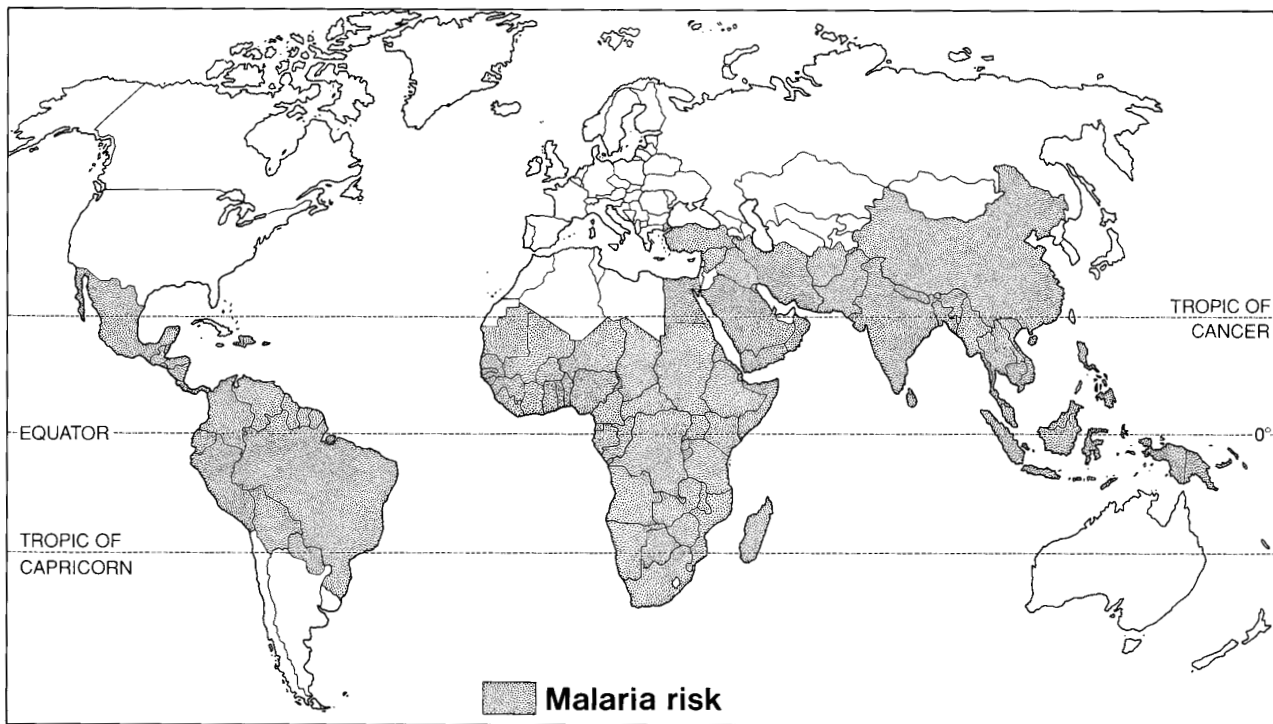
a combined indicator. _____

3

6. (continued)

Map Q6B: Areas at Risk of Malaria

Marks



(b) Study Map Q6B

(i) **Describe** the distribution of malaria.

3

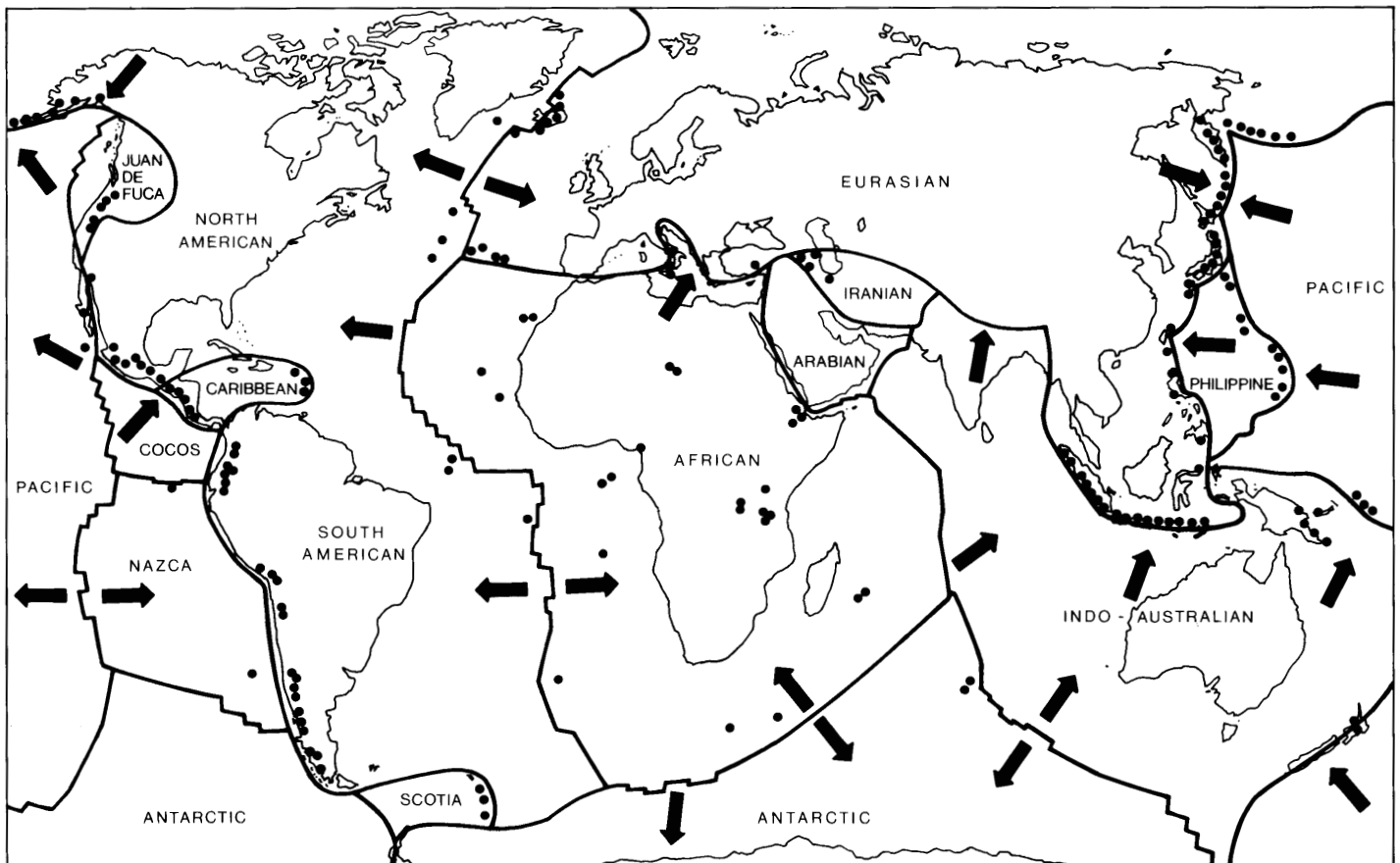
(ii) For malaria **or** heart disease **or** AIDS, **describe** methods used to control the disease.

4

Total 10

Question 7: Environmental Hazards

Map Q7A: World Volcanoes and Plate Boundaries



KEY — Plate boundary ➔ Direction of plate movement • Individual volcano

DO NOT
WRITE
IN THIS
MARGIN

Marks

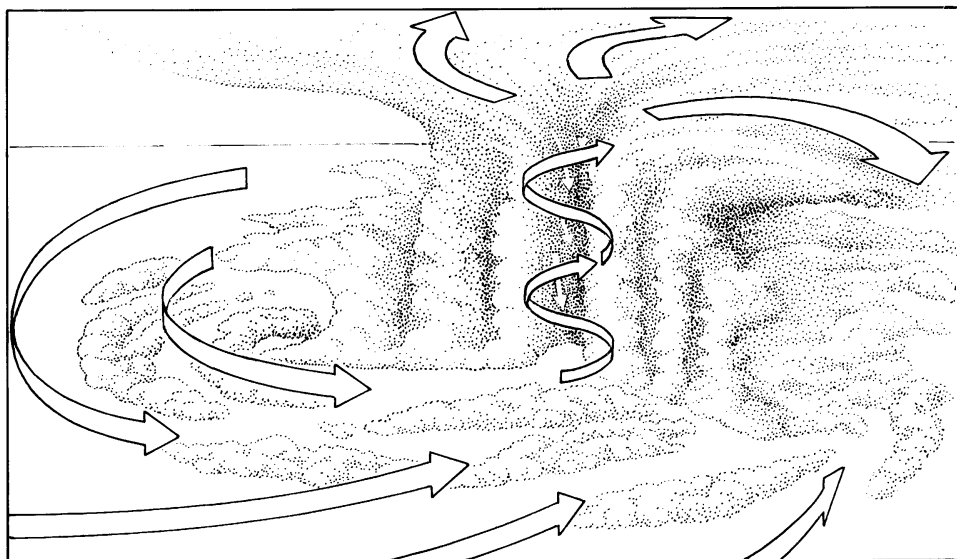
(a) Study Map Q7A.

Explain the distribution of volcanoes.

3

7. (continued)

Diagram Q7B: Structure of a Tropical Storm



(b) Study Diagram Q7B.

(i) **Explain** how tropical storms are formed.

4

(ii) Describe the aid required **immediately** after a tropical storm.

3

Total 10

[END OF QUESTION PAPER]

[BLANK PAGE]

[BLANK PAGE]

[BLANK PAGE]