

X208/201

NATIONAL
QUALIFICATIONS
2010

MONDAY, 31 MAY
9.00 AM – 11.00 AM

GEOGRAPHY
INTERMEDIATE 2

Candidates should answer **four** questions: Section A

Question 1
and
Question 2

AND

Section B

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

Candidates should read the questions carefully. Answers should be clearly expressed and relevant.

Credit will always be given for appropriate sketch-maps and diagrams.

Write legibly and neatly, and leave a space of about one cm between the lines.

All maps and diagrams in this paper have been printed in black only: no other colours have been used.

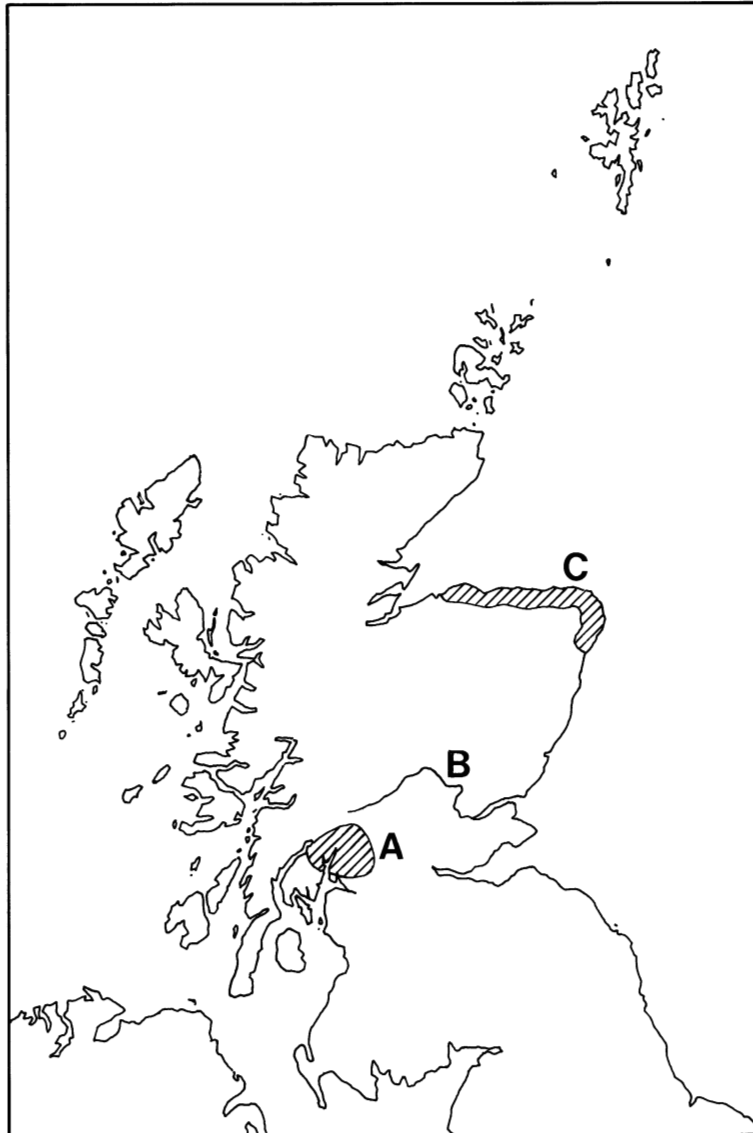


SECTION A

IN THIS SECTION YOU MUST ANSWER QUESTION 1 AND QUESTION 2.

Question 1: Physical Environments

Map Q1A: Selected Landscapes in Scotland



(a) Look at Map Q1A.

Name:

- (i) glaciated upland area A;
- (ii) river B;
- (iii) coastal area C.

3

1. (continued)

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

(i) Match these glaciated features with the correct grid reference.

Truncated spur Arête Corrie Hanging Valley

Choose from:

Grid References 159103 139084 135057 183097 206068.

4

(ii) Wast Water (1505) is an example of a ribbon lake.

How were ribbon lakes formed?

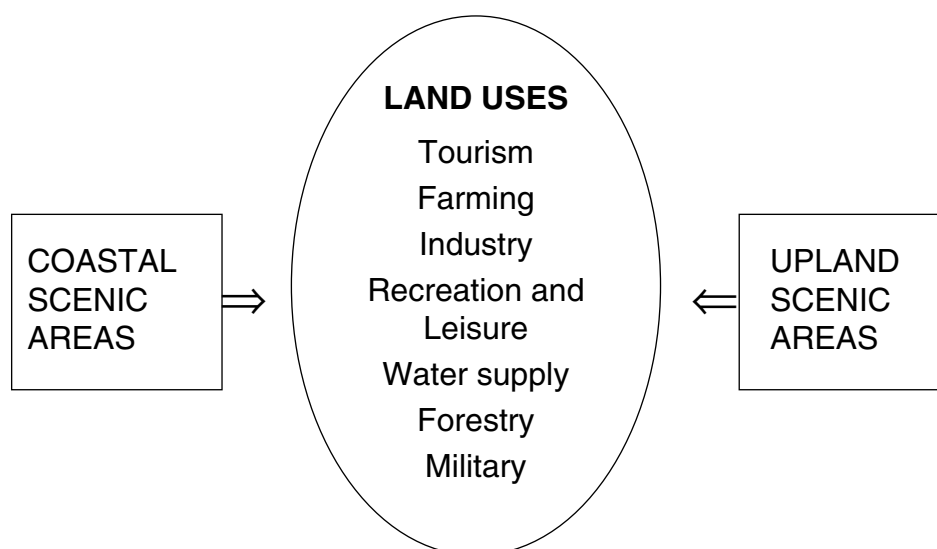
You may wish to use a diagram(s) in your answer.

4

(c) Describe the physical features of the River Calder **and** its valley from Monks Bridge (064103) to where it meets the A595 at Calder Bridge (043060).

4

Diagram Q1B: Land Uses in Coastal and Upland Areas



(d) Study Diagram Q1B.

For an upland **or** coastal area you have studied, explain, **in detail**, ways in which some of the land uses shown may be in conflict with each other.

6

(e) How do various organisations try to protect areas of outstanding scenery in the UK?

4

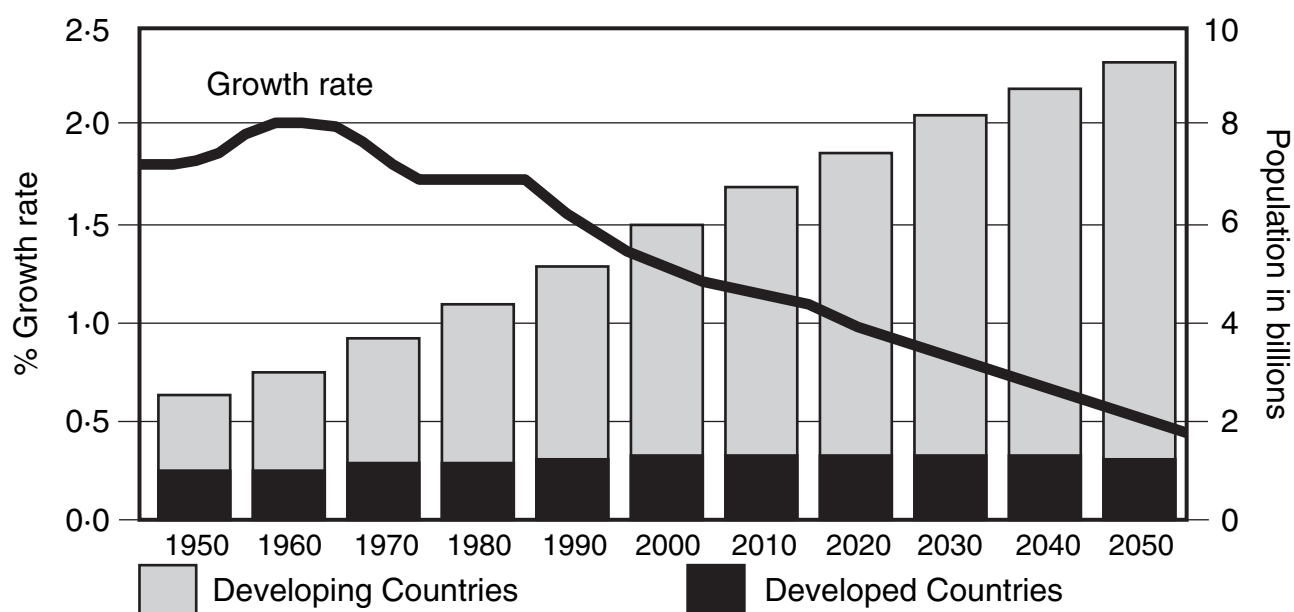
(25)

[END OF QUESTION 1]

NOW GO ON TO QUESTION 2

Question 2: Human Environments

**Diagram Q2A: Projected World Population and
Population Growth Rate 1950–2050**



(a) Study Diagram Q2A.

(i) Describe changes in the projected World Population Growth Rate from 1950 to 2050.

3

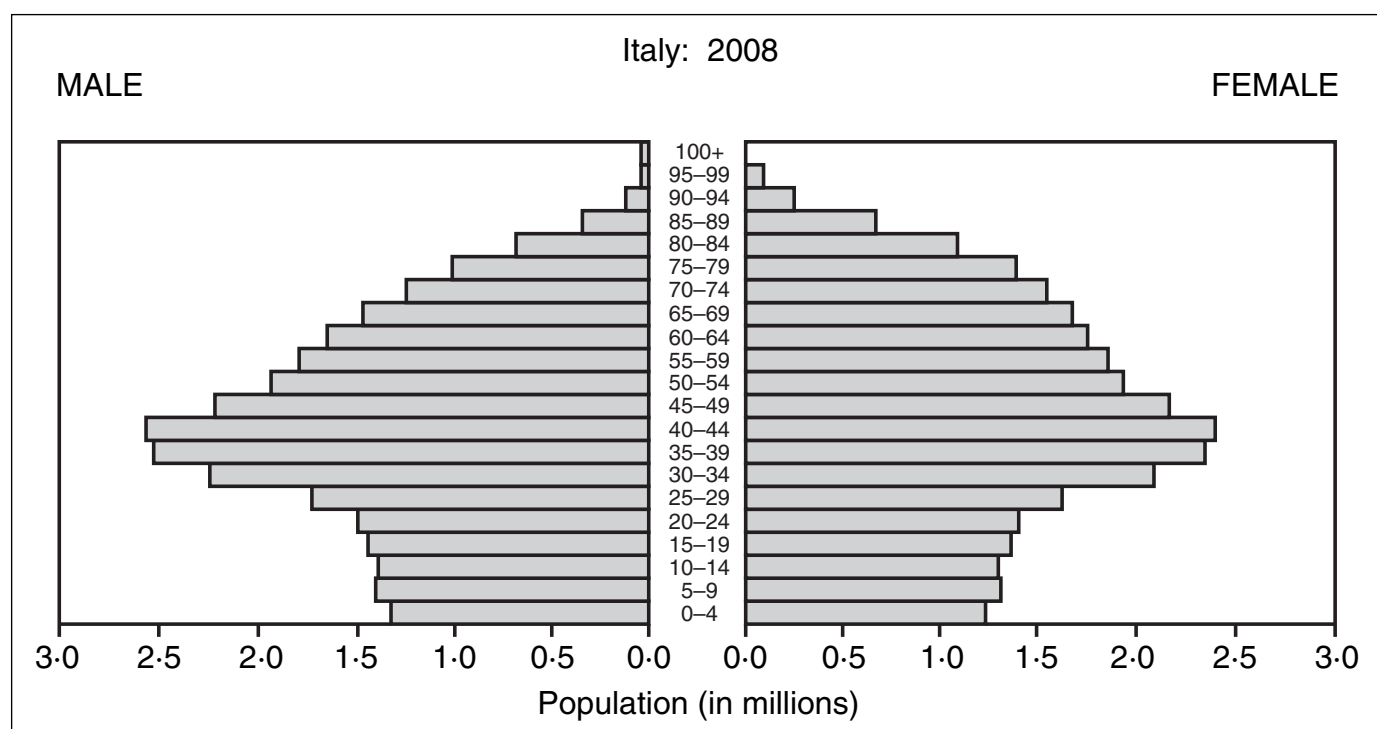
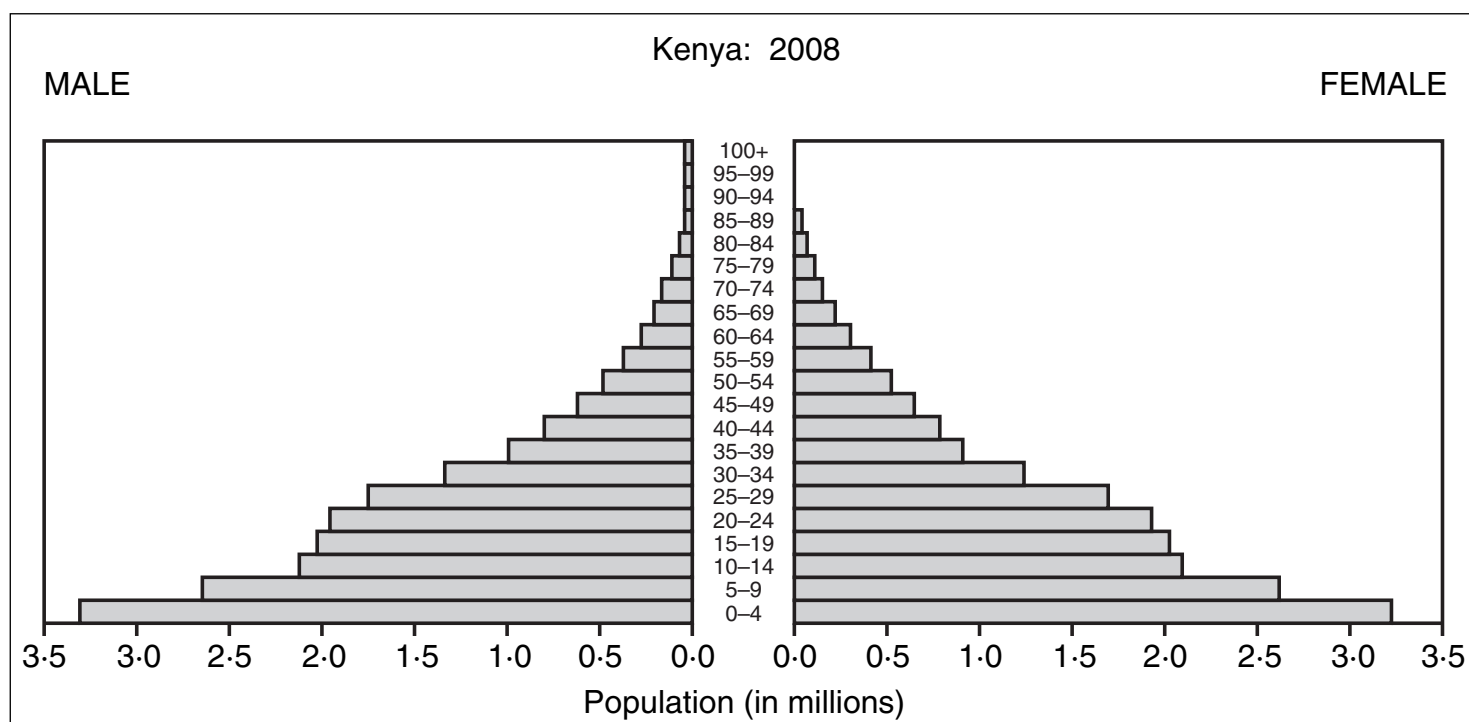
(ii) What is the main difference in population growth between developing and developed countries?

Give reasons for this difference.

6

2. (continued)

Diagram Q2B: Population Pyramids for Kenya and Italy 2008



(b) Study Diagram Q2B.

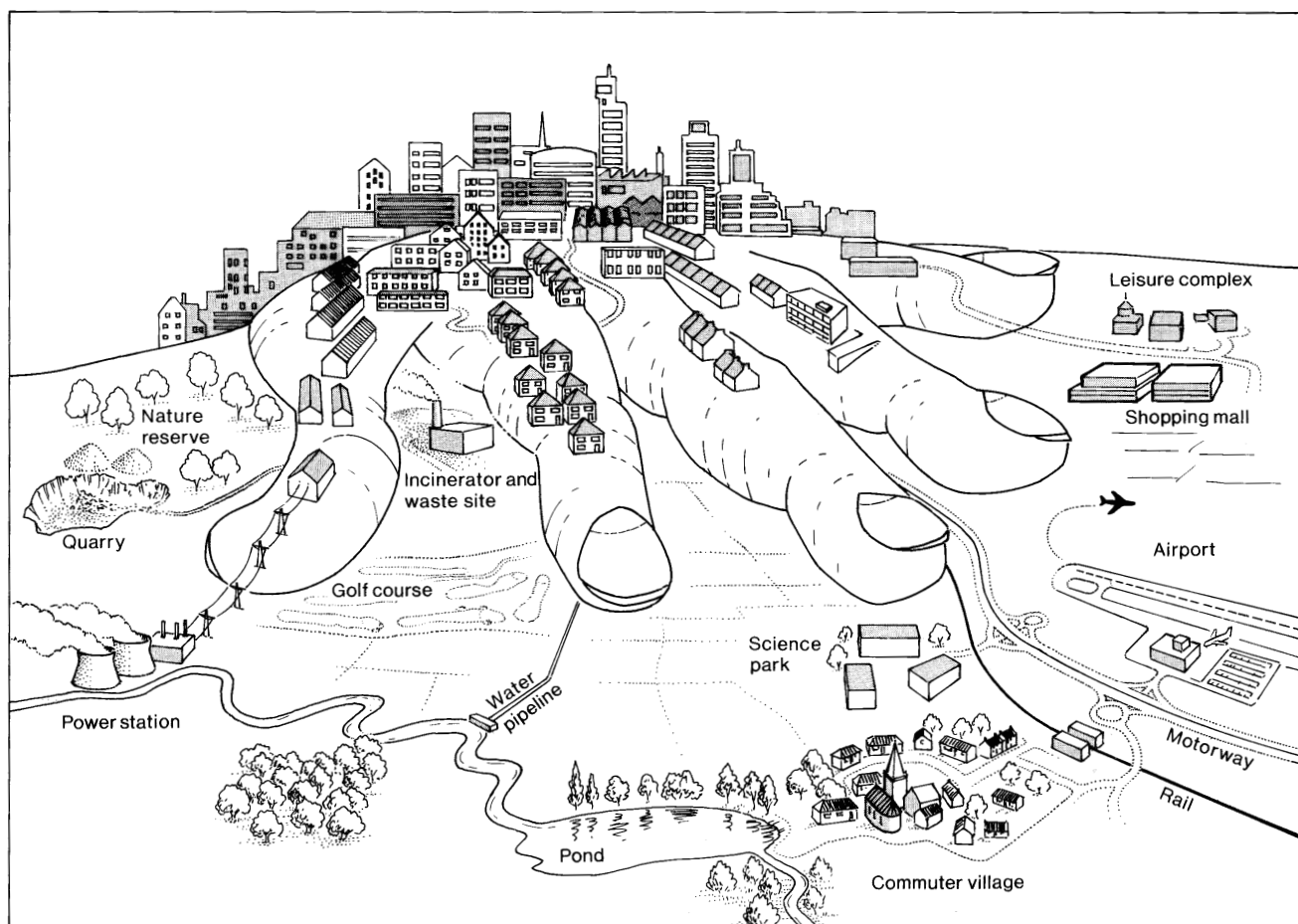
For Kenya **or** Italy describe the population structure.

4

[Turn over

2. (continued)

Diagram Q2C: Urban Sprawl



(c) Study Diagram Q2C.

What effects does urban sprawl have on rural areas?

4

Diagram Q2D: Effects of Green Revolution in India

Indian Rice production 2007/08 at record 94 million tons.

Rice Yield at record 3.21 tons per hectare.

(d) **Explain** how countries such as India have been able to rapidly increase crop production.

4

2. (continued)

Diagram Q2E: Malaysia

Airports in Malaysia



Location of Malaysia



“Malaysia now has one of south-east Asia’s most successful economies.”

BBC Spokesperson, March 2010

(e) Study Diagram Q2E.

Explain why many international companies are now locating their factories in developing countries such as Malaysia.

4

Total (25)

[END OF SECTION A]

NOW TURN TO SECTION B AND ANSWER TWO QUESTIONS

SECTION B

Environmental Interactions

Answer any two questions from this section.

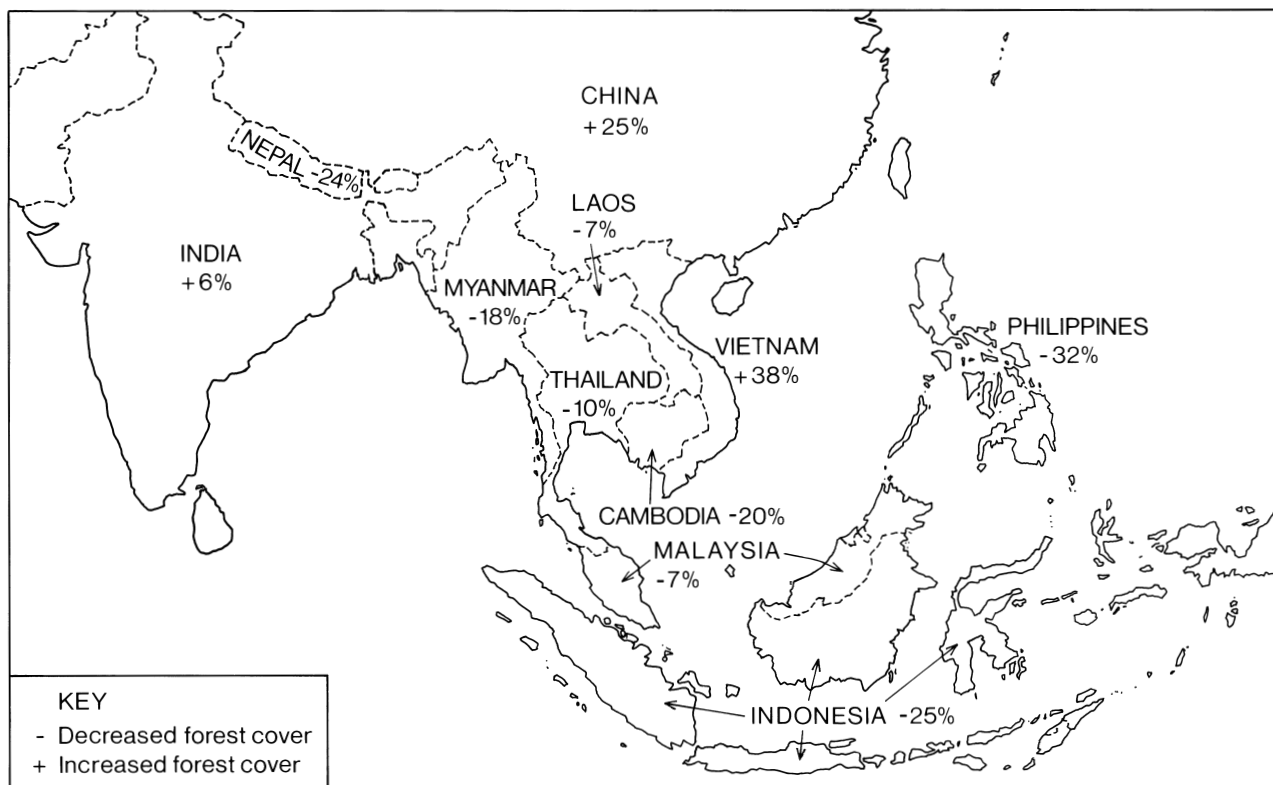
Choose from

- | | | |
|------------|--|------------------|
| Question 3 | Rural Land Degradation | (Page 9) |
| Question 4 | River Basin Management | (Pages 10 to 11) |
| Question 5 | European Environmental Inequalities | (Pages 12 to 13) |
| Question 6 | Development and Health | (Pages 14 to 15) |
| Question 7 | Environmental Hazards | (Pages 16 to 17) |

SECTION B

Question 3: Rural Land Degradation

Map Q3A: S E Asia—Changes in Forest Cover 1985–2005



- (a) Study Map Q3A.
- Describe, **in detail**, changes in forest cover in South East Asia. 4
 - Referring to South East Asia, or any forest area you have studied, **explain** why forest cover has been removed. 4
- (b) **Explain** the main physical **and** human causes of desertification. 4
- (c) How can desertification be reduced? 3
- Total (15)**

[Turn over

Question 4: River Basin Management

Diagram Q4A: Glen Canyon Dam USA



- (a) For any river basin you have studied, describe in detail the physical factors which affect the amount of water which can be stored.

4

4. (continued)

Diagram Q4B: Information on
Dams in Amazon Region

Brazil to spend \$15.6 billion on dams in
Amazon Region (Government source 2008)

Diagram Q4C: Local Protest against
Dam Construction

(b) Study Diagrams Q4B and Q4C.

For this **or** any other River Basin project you have studied, **explain**:

(i) why there was a need for the project;

4

(ii) why some local people were opposed to the project.

3

(c) Describe the economic and social benefits of this or any other project you have studied.

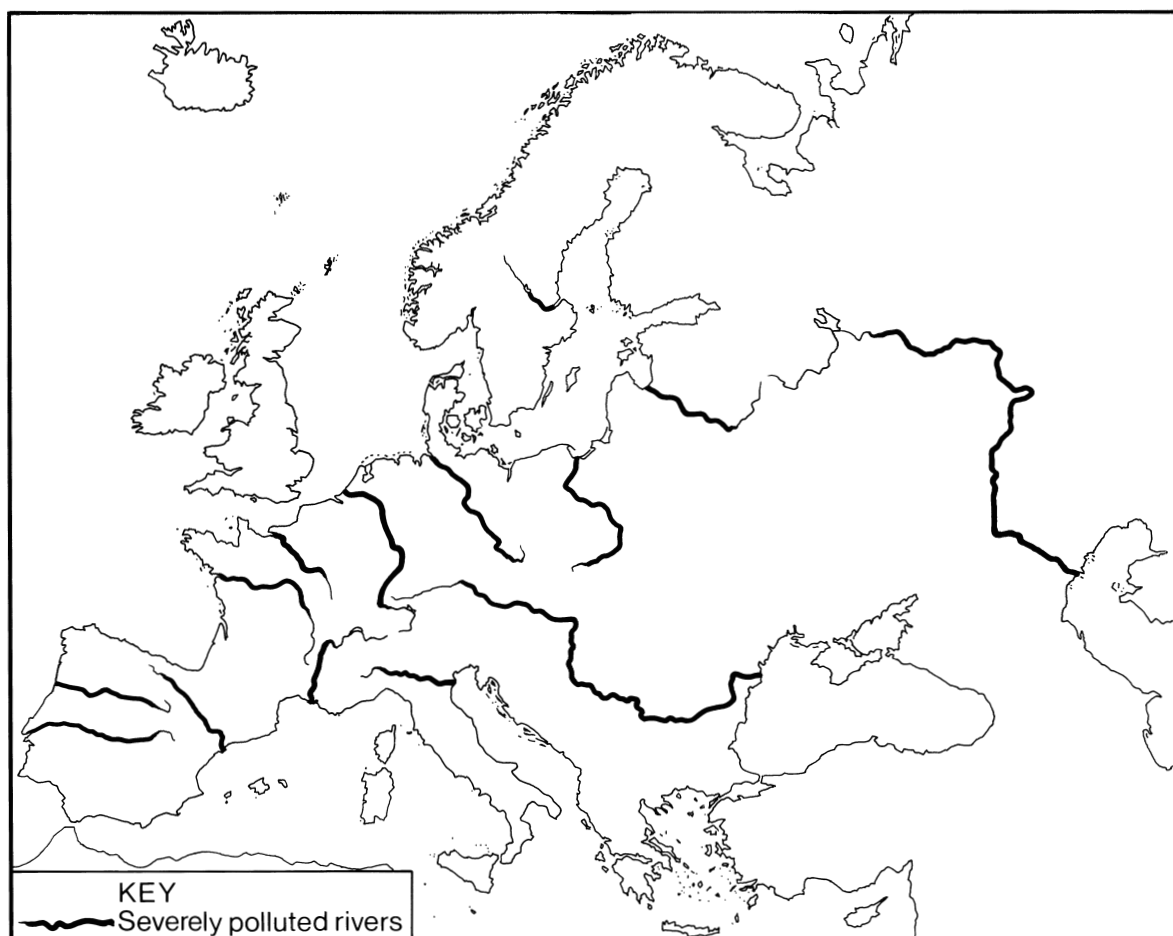
4

(15)

[Turn over

Question 5: European Environmental Inequalities

Map Q5A: Severely polluted European Rivers



(a) Study Map Q5A.

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

3

(ii) Many rivers in Europe flow through farming and industrial areas.

How do farming **and** industry cause river pollution?

5

5. (continued)

Diagram Q5B: Air Pollution



(b) Study Diagram Q5B.

(i) Describe different methods European countries have used to tackle the problem of air pollution.

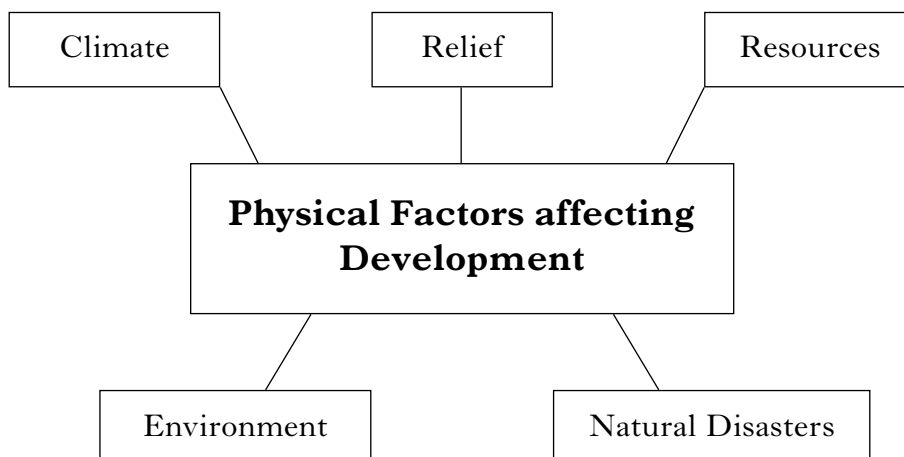
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(ii) To what extent have these methods been successful?

3

(15)

[Turn over

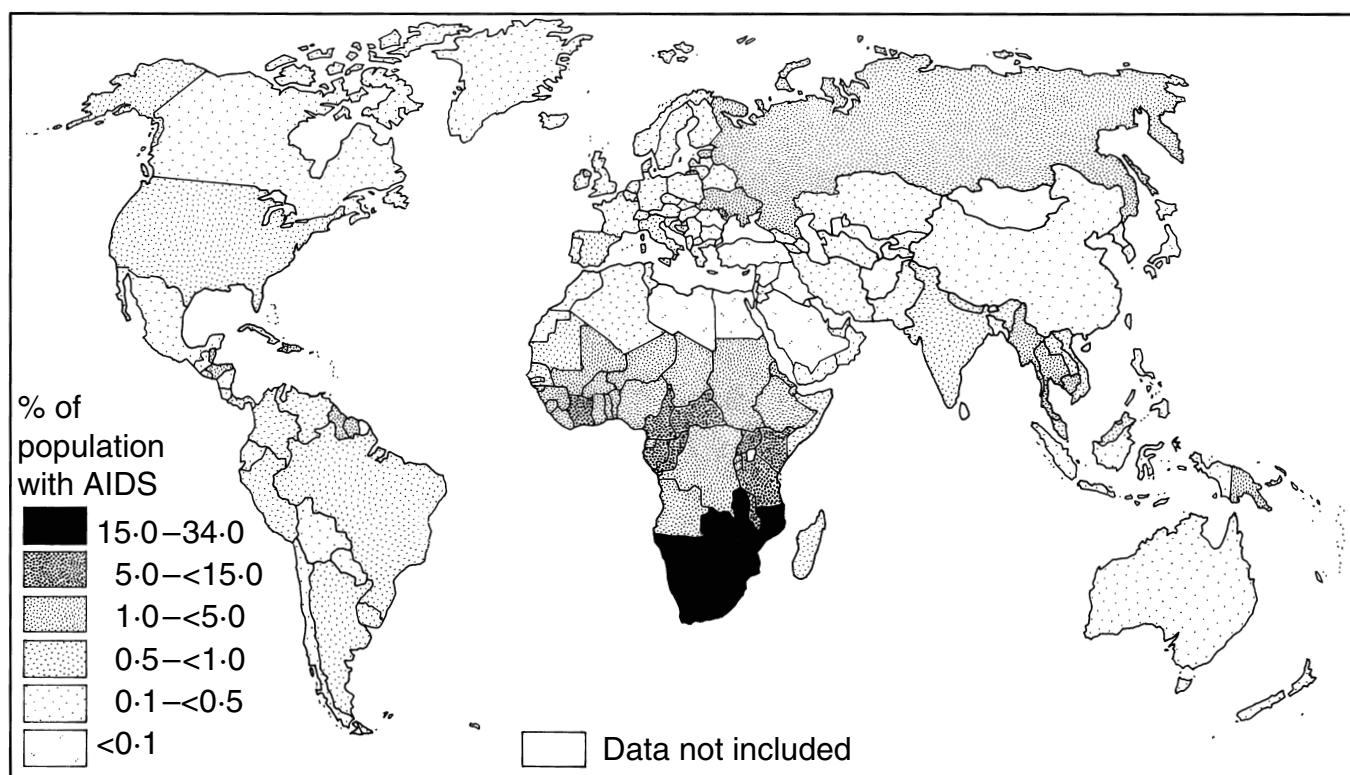
Question 6: Development and Health**Diagram Q6A: Physical Factors affecting Development**

- (a) Referring to the diagram above, describe how physical factors can affect the level of a country's development.

4

6. (continued)

Map Q6B: People living with AIDS



Study Map Q6B.

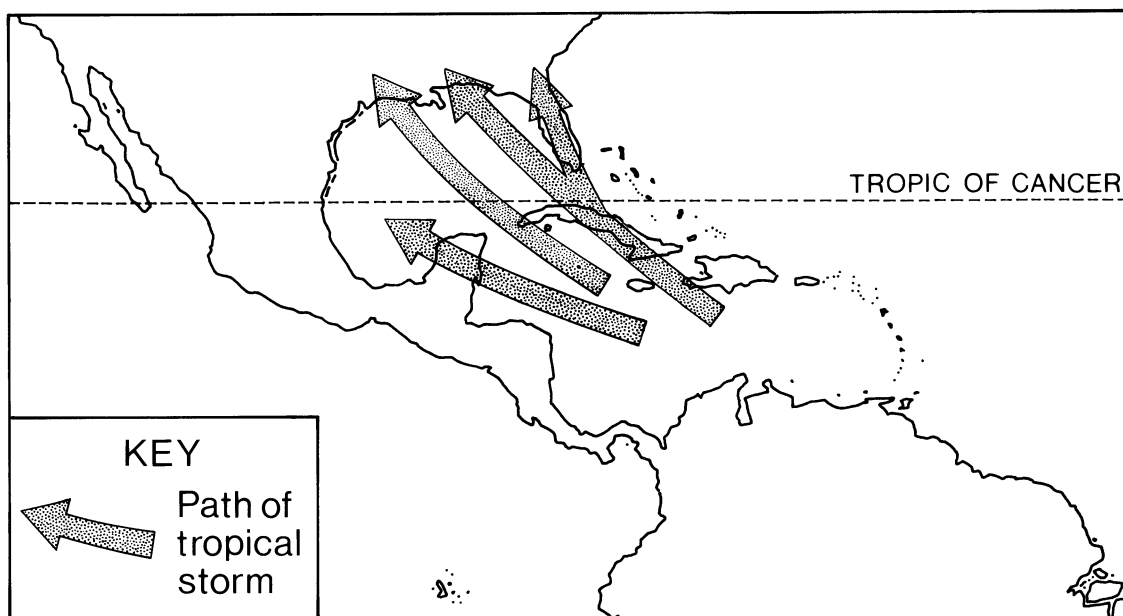
- (b) (i) Describe, **in detail**, the distribution of people with AIDS throughout the world. 4
- (ii) For AIDS **or** heart disease, describe attempts made to control the spread of the disease. 4
- (iii) Have these efforts been effective? 3
- Explain** your answer.

(15)

[Turn over

Question 7: Environmental Hazards

Map Q7A: Path of Tropical Storms starting in the Caribbean Sea

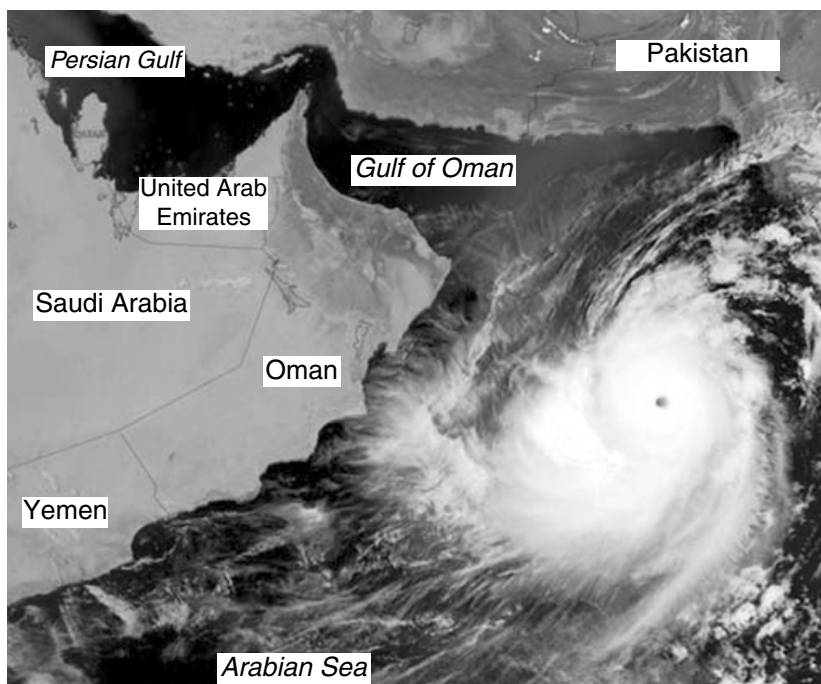


Study Map Q7A.

- (a) Describe the movement of tropical storms shown on the map.

3

Diagram Q7B



Look at Diagram Q7B

- (b) **Explain** the main causes of tropical storms.

4

7. (continued)

Diagram Q7C: Earthquake Damage



Look at Diagram Q7C.

- (c) (i) For an earthquake you have studied, describe the impact on the landscape **and** the local population. 4
- (ii) Describe ways in which the effects of an earthquake can be reduced. 4

(15)

[END OF QUESTION PAPER]

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