



**Coimisiún na Scrúduithe Stáit
State Examinations Commission**

JUNIOR CERTIFICATE EXAMINATION, 2003

GEOGRAPHY – ORDINARY LEVEL

SECTION 2

MONDAY, 9 JUNE - AFTERNOON, 1.30 TO 3.30

SECTION 1 of this paper is in a separate folder, where spaces are provided for your answers.

N.B. PLEASE REMEMBER TO RETURN YOUR FOLDER WITH YOUR ANSWER-BOOK.

SECTION 2 (90 MARKS)

Answer **THREE** questions.

All questions carry equal marks.

1. LIFE IN MODERN CITIES

A. Newspaper heading:

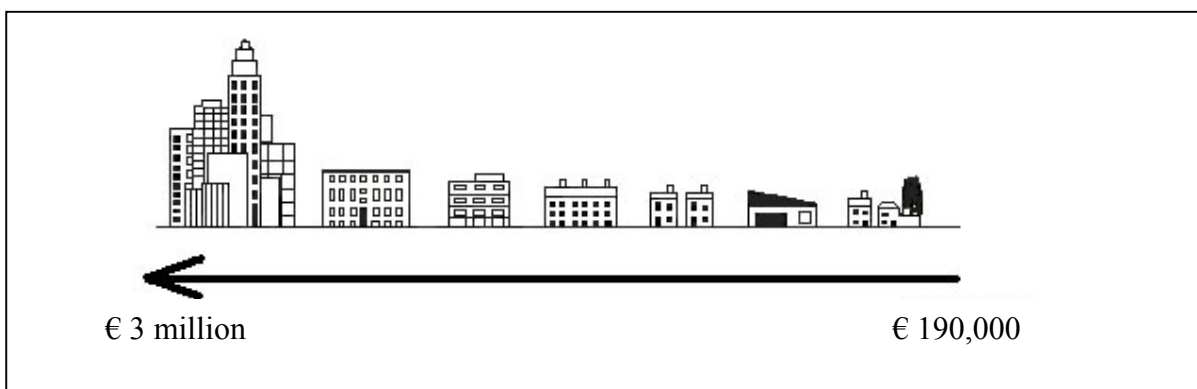
“Traffic Congestion Getting Worse”

(i) Name and explain **THREE** ways traffic congestion is caused in any town or city you have studied. [6]

(ii) Describe **TWO** ways to reduce traffic congestion. [4]

B. (i) Name **THREE** causes of crime in cities. [6]

(ii) Suggest **TWO** ways crime might be reduced in cities. [4]

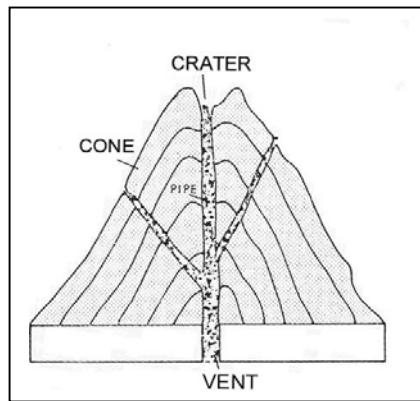


COST OF LAND PER UNIT AREA

C. Look at the picture above which shows that the price of land is much higher near the city centre. Explain **TWO** reasons why the price of land is more expensive near the city centre. [10]

2. PHYSICAL GEOGRAPHY

A.



Look at the diagram above. Describe how a **VOLCANO** is formed. In your answer use the names from the diagram. [10]

B. (i) Describe **THREE** types of damage caused when a volcano erupts. [6]

(ii) Explain **TWO** ways volcanoes can be useful to people. [4]

C. **ROCKS** can be used in many different ways by people.

(i) Name **THREE** rocks and say how each one can be used. [6]

(ii) Explain why people might object if a quarry to extract rock was opened near their home. [4]

3. ORDNANCE SURVEY MAP

A. Look at the Ordnance Survey map and legend (key) provided.

Draw a sketch map of the area shown on the **map**.

Mark on the sketch map and identify:

- The built up area of Carlow
- The River Barrow
- The National Primary routes
- An Industrial Estate
- A Railway line [12]

B. Look again at the Ordnance Survey map.
'Carlow has many services to offer local people and tourists.'

(i) Name and locate, using grid references, **THREE** of these services. [6]

(ii) Describe how **ONE** of the services you named above could be used by local people. [3]

C. A new computer factory is to be built at **S 737 778**, beside the N9, north east of the centre of Carlow town.

Explain **THREE** reasons why this site was chosen. In your answer write about evidence for these reasons that you can see on the map. [9]

4. **AERIAL PHOTOGRAPH OF CARLOW TOWN**

A. Draw a sketch map of the area shown on the **photograph**.
Mark on the sketch map and identify:

- the river
- the bridge over the river
- two roads which join each other
- a church
- large park or field

[12]

B. Choose and clearly identify (refer to 'left background', 'right foreground' etc.), a place on the photograph where you would like to live. Give **THREE** reasons for your answer using as much detail from the photograph as possible.
[10]

C. Look at the left background of the photograph; near the bridge there is part of an old castle.
Name and explain **TWO** reasons why you think the castle would have been built at this site.
[8]

5. **A GEOGRAPHICAL MIX**

Answer **ANY THREE** of the questions: A, B, C, D.

(This question continues on to the next page)

A. **OUR RESOURCES – PEAT BOGS**

'The methods of cutting and saving our peat resources have changed over the years.'

Describe **TWO** methods of cutting and saving peat that you have studied.
[10]

B. **TOURISM**

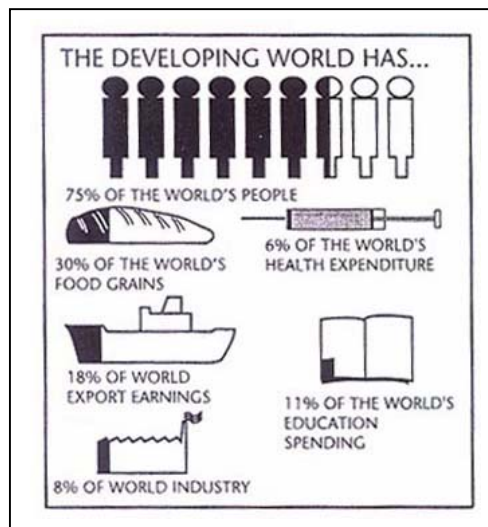
Many countries and regions are important for **tourism**.

Name **ONE** such country **OR** region.

Explain **THREE** reasons why tourism is important in the area you have named.
[10]

Note: This is Question 5 continued

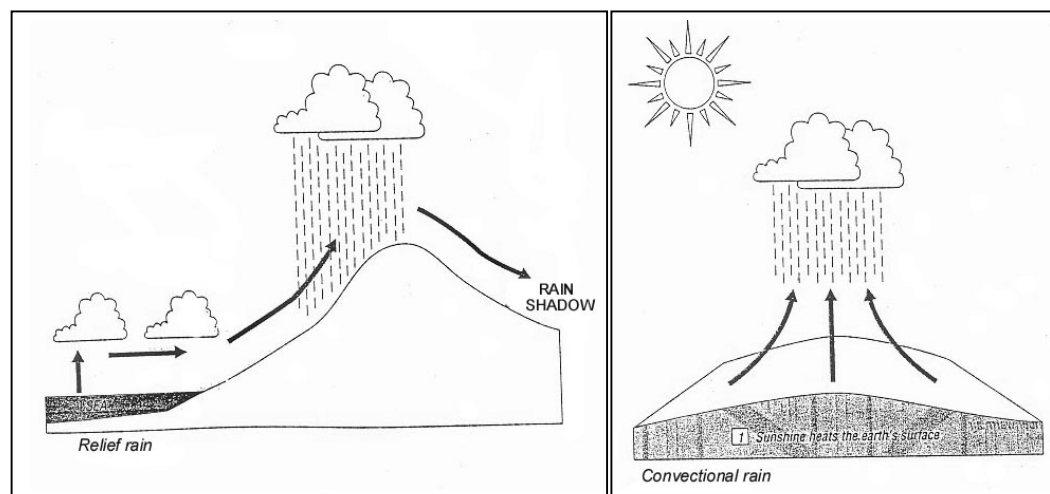
C. POPULATION IN AN UNEQUAL WORLD



The **DEVELOPING WORLD** has 75% of the world's population, but it has a smaller percentage of food, health care and education spending. Using the information shown above, answer the following questions:

- (i) What is the % of world spending on **health expenditure** in the **developing world**? [1]
- (ii) What % of world spending is spent on **food grains** in the **developing world**? [1]
- (iii) Describe how the lower spending on food and health care influence the Birth rates **and** Death rates in the developing world (e.g. African countries). [8]

D. RAINFALL



With the help of the above diagrams, describe how both **relief rainfall** and **convective rainfall** occur. [10]

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