



**Coimisiún na Scrúduithe Stáit
State Examinations Commission**

JUNIOR CERTIFICATE EXAMINATION, 2005

GEOGRAPHY – ORDINARY LEVEL

SECTION 2

MONDAY, 13 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. RIVERS

A. Landforms

- Name **ONE** landform formed by **river erosion**.
Describe – with the help of diagrams – how the named landform was formed.
- Name **ONE** landform formed by **river deposition**.
Describe – with the help of diagrams – how the named landform was formed.

[12]

- B.** Rivers are used by people for many different purposes.
Describe **THREE** ways in which people use rivers.

[12]

- C.** Rivers can also create problems for people.
Describe **ONE** example of this.

[6]

2. **AERIAL PHOTOGRAPH**

Study the Aerial photograph of Mullingar supplied with this paper.

[**HINT:** Remember – This is an **oblique photograph**. Therefore, you should use the correct terms: e.g. Left Background, Right Foreground, etc].

A. Draw a sketch map of the part of Mullingar shown on the photograph. **Mark and identify** the following on your sketch map:

- **TWO** Churches
- A Car park
- A residential area (housing)
- **TWO** connecting roads
- An area of Parkland

[14]

B. Mullingar is a large and busy town and has a lot of traffic.

(i) Explain **TWO** reasons why traffic congestion happens so often in Irish towns and cities. [8]

(ii) Imagine you are in charge of traffic for Mullingar. Describe **ONE** method you might use to ease traffic congestion. [4]

C. Using evidence from the aerial photograph, name **TWO** of the **services** available in Mullingar.

[4]

3. **ORDNANCE SURVEY MAP**

Look at the Ordnance survey map supplied with this paper.

A. Draw a sketch-map of the area shown on the O.S. map.
On the sketch, **mark and identify** the following:

- The built-up area of Mullingar town
- The Royal Canal
- The railway lines
- The Nature Reserve
- An area of coniferous forest

[12]

B. Transport.

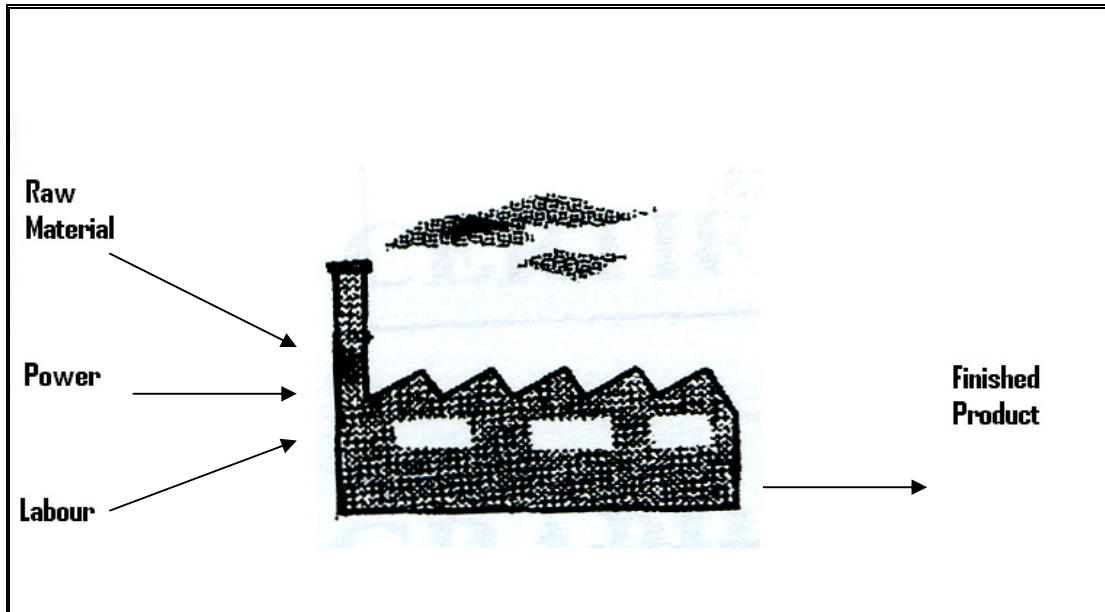
Name and describe **THREE** methods of transport which can be seen on this map.

[12]

C. Suppose you wish to write a letter to a friend abroad, describing some of the main tourist attractions of this region, if your friend came to visit it.
In your letter, describe **TWO** important tourist attractions which can be seen from **either** the map **or** the aerial photograph, **or both**.

[6]

4. A FACTORY AS A SYSTEM



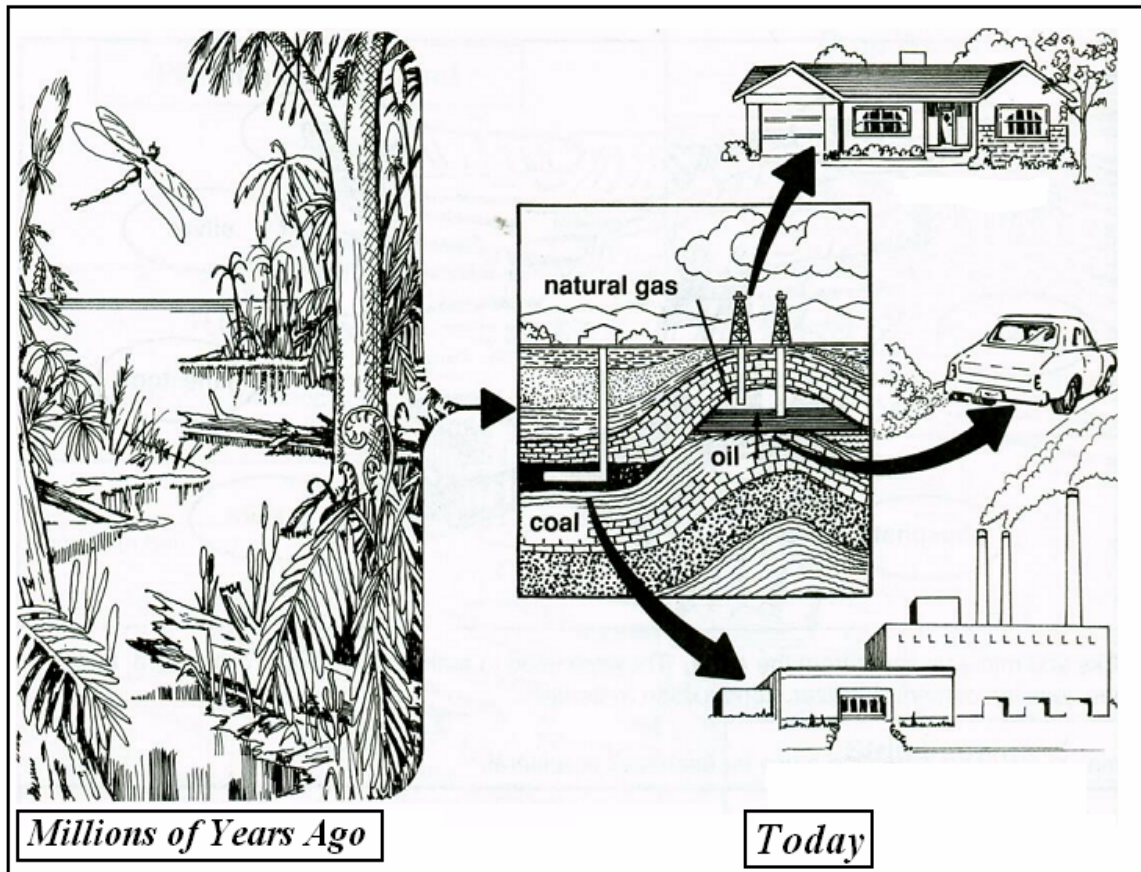
Examine this diagram, which shows how a **factory** can be described as a system – with **inputs, processes and outputs**.

- A. Name a factory that you have studied.
Name **TWO** inputs, **TWO** processes and **ONE** output of the factory. [8]
- B. Referring to the factory that you named above, describe **THREE** reasons why it has developed at its present location. [12]
- C. Describe **TWO** ways in which a factory may cause damage to the environment. [10]

5. A GEOGRAPHICAL MIX

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

A. Fossil Fuels and Energy



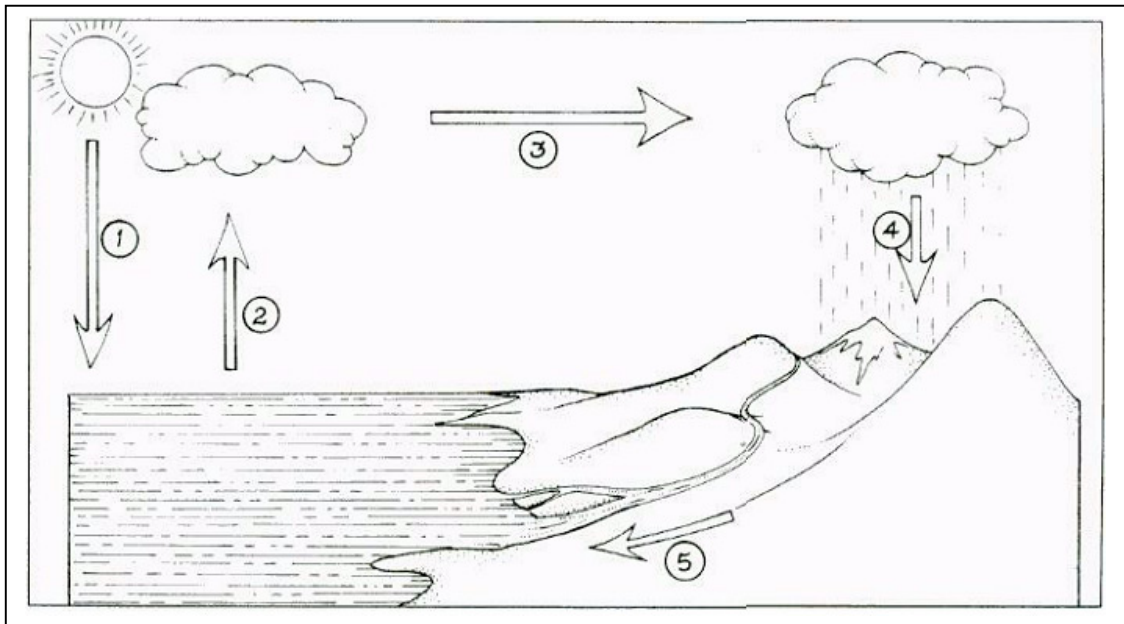
Examine the pictures above, which refer to fossil fuels used in today's world.

- (i) Explain briefly how fossil fuels are formed. [3]
- (ii) List **THREE** ways in which fossil fuels are used today. [3]
- (iii) Explain why it is necessary to reduce the amount of fossil fuels which are burned. [4]

[Question 5 continues on next page]

5. **A GEOGRAPHICAL MIX *continued***

B. The Importance of Water



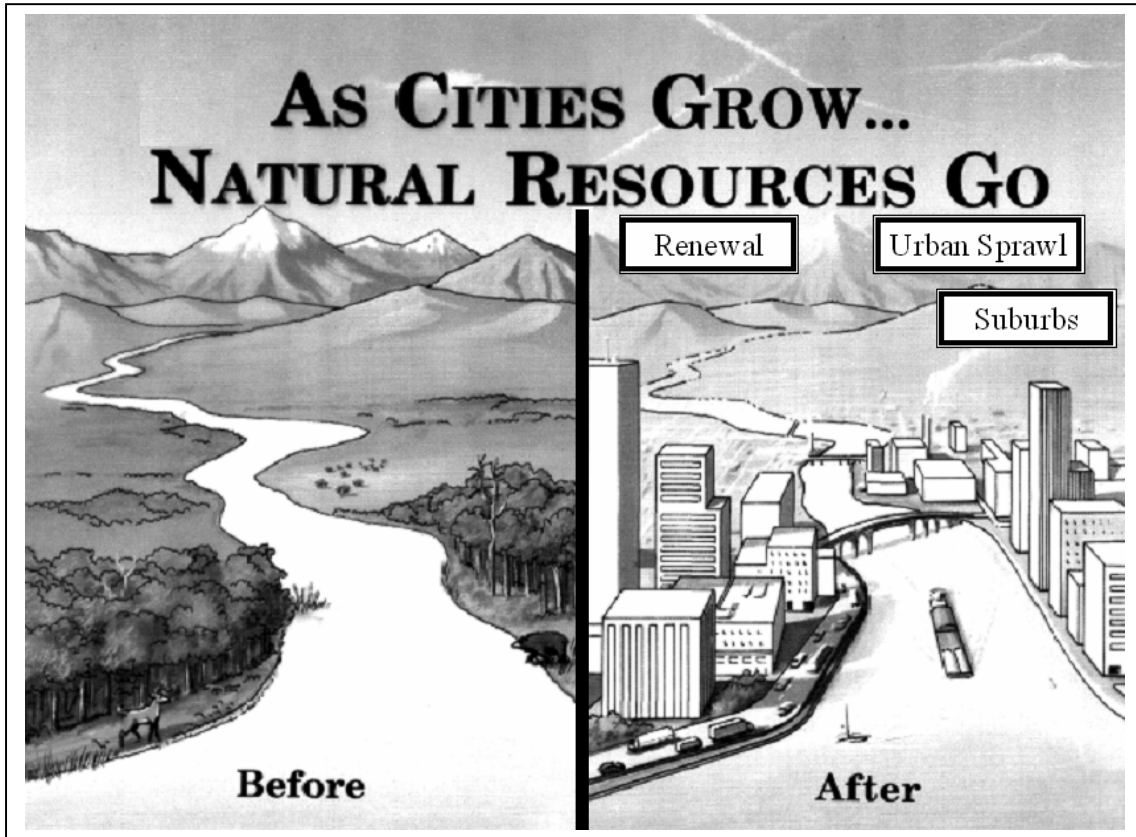
Study this diagram carefully and answer the questions that follow.

- (i) Explain how this diagram shows that water is a **renewable** resource [4]
- (ii) Explain how the building of a large Hydro Electric Dam can affect the course of a river. [4]
- (iii) Name **ONE** way in which human activities can pollute or destroy water resources. [2]

[Question 5 continues on next page]

5. A GEOGRAPHICAL MIX *continued*

C. Development in Cities



Use this diagram to help you answer the following.

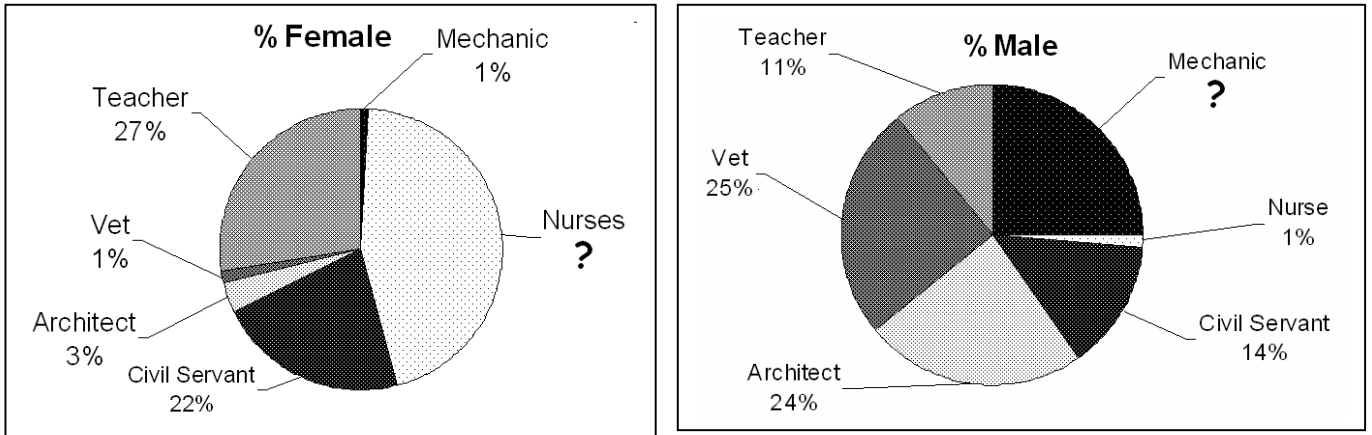
- (i). Rewrite the following sentences in your answer book using the correct word or phrase.
- (a) Houses built around the edges of a city are known as **industrial estates / suburbs**. [2]
- (b) The rebuilding of old housing areas in the inner city is known as **redevelopment / renewal** [2]
- (c) **Rural to urban migration / urban to rural migration** has greatly increased the size of Dublin. [2]
- (ii) ***“As cities grow natural resources go”***
Use the diagram above and name **TWO** natural resources that are lost or affected due to the growth of the city. [4]

[Question 5 continues on next page]

5. **A GEOGRAPHICAL MIX *continued***

D. Statistical Diagrams in Geography - Women in the Work Force in Ireland

Study the pie charts below and answer the questions that follow.



- (i) What percentage of females are nurses in Ireland? [2]
- (ii) Explain **TWO** of the major differences between the types of jobs that men and women in Ireland have. Give examples from the charts to support your answer. [4]
- (iii) Do you think the pattern of jobs is changing? Explain your answer. [4]

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