

**WARNING**

You must return this paper with your answerbook, otherwise marks will be lost.

Write your Examination Number here



**Coimisiún na Scrúduithe Stáit  
State Examinations Commission**

—————  
**JUNIOR CERTIFICATE EXAMINATION, 2003**  
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**GEOGRAPHY – ORDINARY LEVEL**  
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**SECTION 1 - FOLDER**  
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**MONDAY, 9 JUNE - AFTERNOON, 1.30 to 3.30**  
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**N.B. SECTION 2 OF THIS PAPER IS SUPPLIED SEPARATELY.**

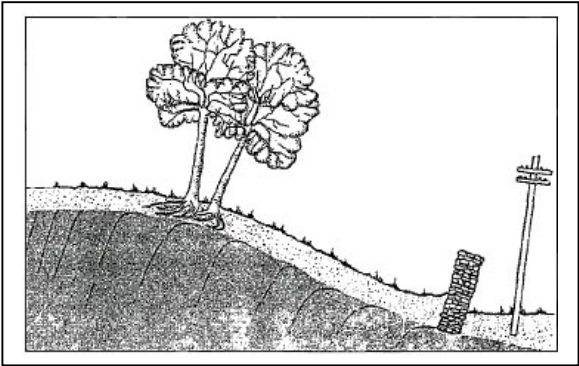
**SECTION 1 (60 MARKS)**  
**ALL** questions to be answered.  
 You have an either/or choice **WITHIN 4 questions**.  
 Be sure to return this folder with your answerbook.  
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**1. Earth Movements**

Which one of the following is shown in the picture?

- An earthquake
- An avalanche
- A volcano
- Soil creep

[tick ✓ the correct box]

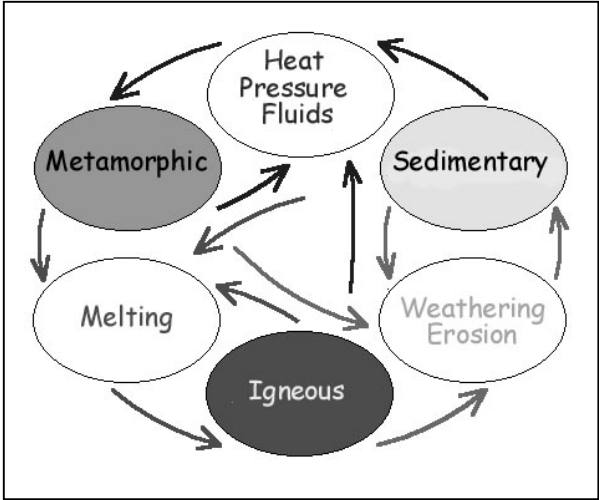


**2. Rocks**

An example of an **igneous** rock is:

- Marble
- Granite
- Limestone
- Sandstone

[tick ✓ the correct box]

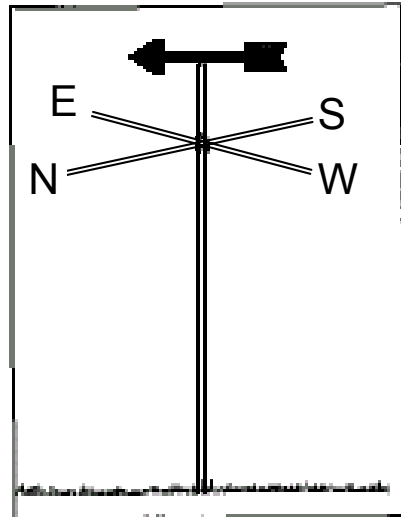


3. **Measuring the Weather**

The instrument shown in the diagram is a:

- Wind vane
- Thermometer
- Barometer
- Rain gauge

[tick ✓ the correct box]

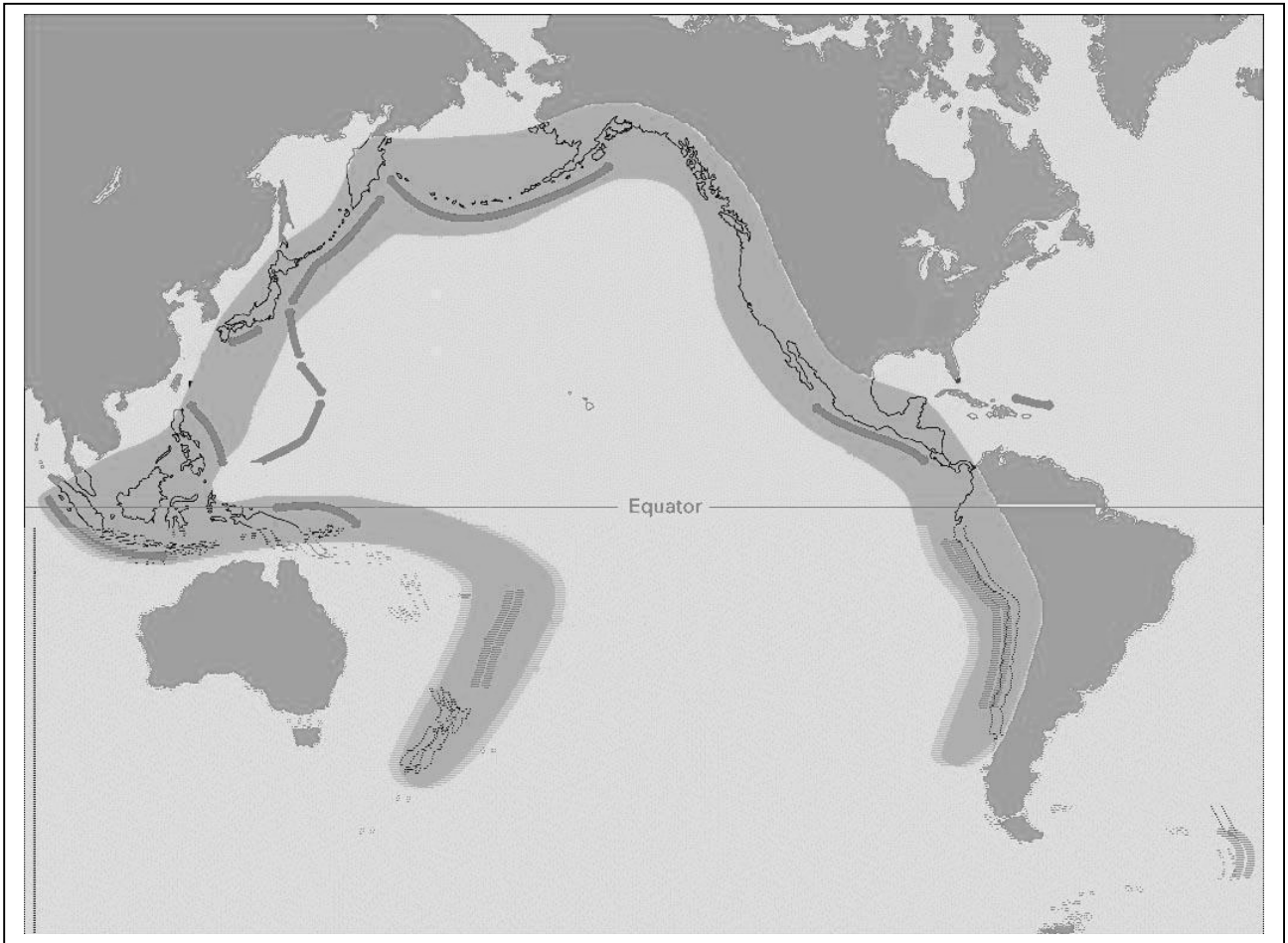


4. **Weathering**

Chemical Weathering happens when:

- The sea erodes a cliff
- Carbonic acid in rainwater leads to the break-up of rocks
- Frost action leads to the break up of rocks on mountains
- Plants and animals burrow into the earth

[tick ✓ the correct box]



5. **The Earth's Crust**

The pink shaded area on the map above shows:

Desert areas

A zone of flooding

The Pacific Ring of Fire

Tropical rainforests

[tick ✓ the correct box]

6. Answer **EITHER 6a OR 6b**

**6a. Location Geography**

The Burren is located in which **county**?

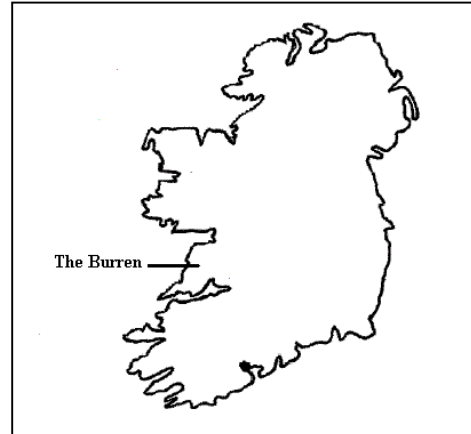
Cork

Donegal

Kerry

Clare

[tick ✓ the correct box]



**OR**

**6b. Direction**

Look at the map supplied. If you were travelling from Wexford to Letterkenny, you would be going from:

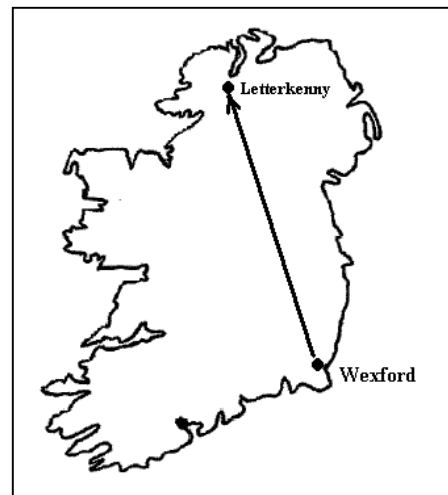
North West to South East

South West to North East

South East to North West

South West to North West

[tick ✓ the correct box]

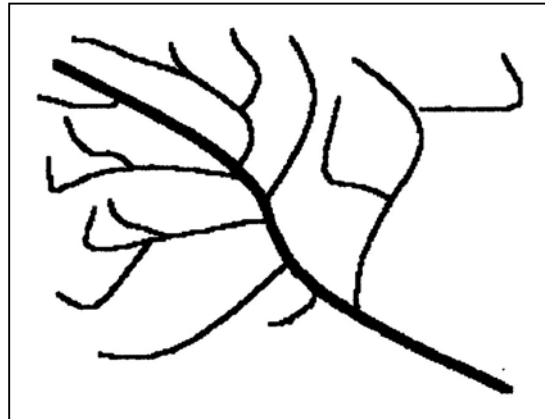


7. **Rivers**

Small rivers which join bigger ones as shown in this diagram are called:

- Deltas
- Meanders
- Lakes
- Tributaries

[tick ✓ the correct box]



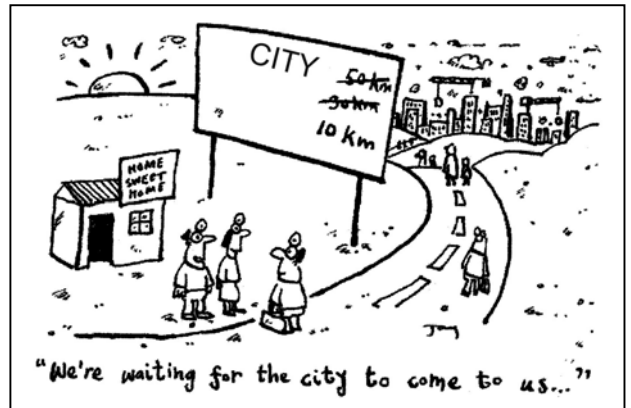
8. **Cities**

Look carefully at this cartoon.

The message in it is about:

- Industry
- Crime
- Urban Sprawl
- Tourism

[tick ✓ the correct box]



9. Answer **EITHER 9a OR 9b**

9a. **Glaciation**

Look at the diagram. A hollow like this on the side of a mountain (often with a lake in it), formed by erosion by ice is called:

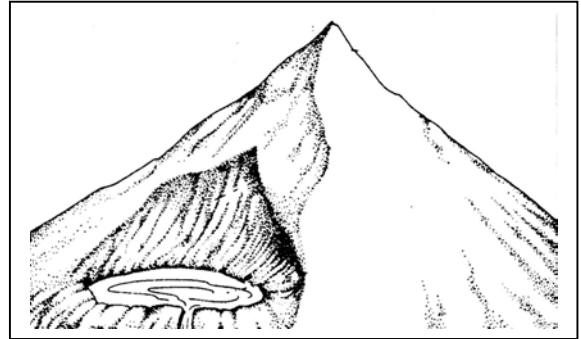
A drumlin

An erratic

Moraine

A cirque (or corrie)

[tick ✓ the correct box]



OR

9b. **Coasts**

The feature marked A on the diagram, formed by the sea eroding, is called a:

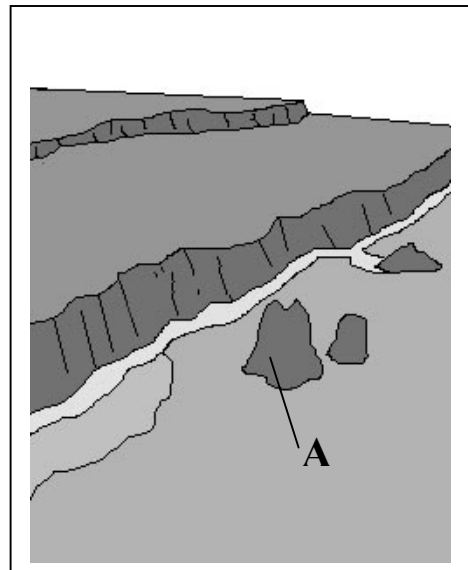
Sand spit

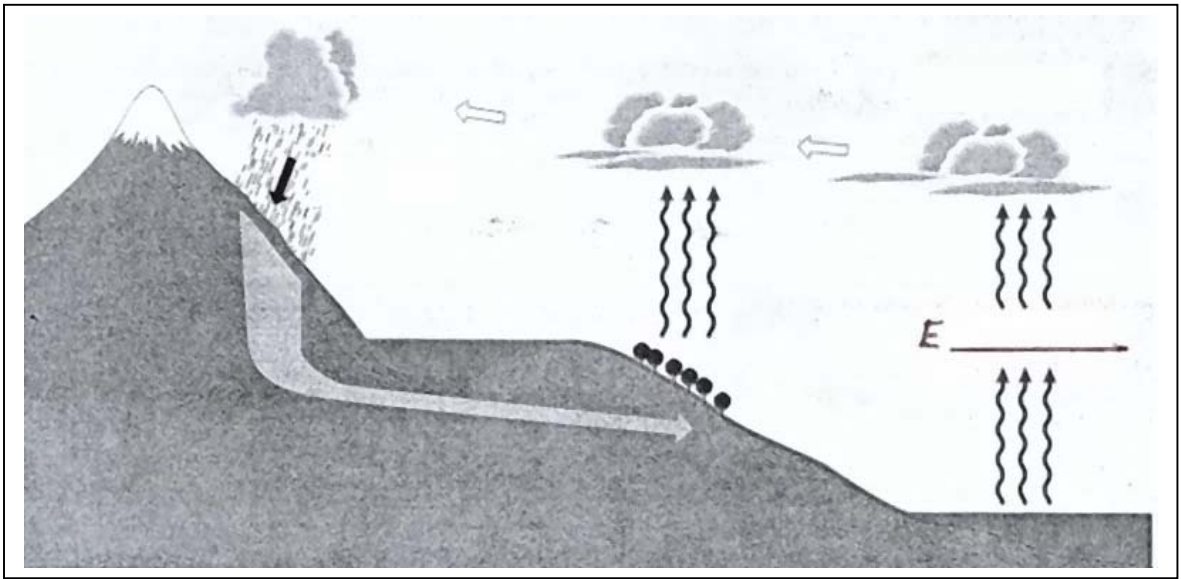
Cliff

Sea stack

Beach

[tick ✓ the correct box]





**10. The Water Cycle**

Study this diagram of the Water Cycle. The missing word E..... is:

- Erosion
- Evaporation
- Equinox
- Equator

[tick ✓ the correct box]

**11. Settlement**

A ruined castle in a town indicates that one of the following functions was important in the past:

- Industry
- Religious
- Market
- Defence

[tick ✓ the correct box]



12. Answer **EITHER 12a OR 12b**

12a. **Economic Activities**

An example of a **Footloose Industry** is:

- A computer factory
- A steel factory
- A coal mine
- An oil rig

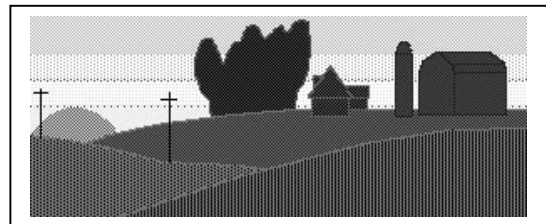
[tick ✓ the correct box]

**OR**

12b. **Economic Activities**

Farming, as shown in the picture, is an example of:

- A primary economic activity
- A secondary economic activity
- A tertiary economic activity



[tick ✓ the correct box]

13. **Ordnance Survey**

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

Identify the feature located at S 665 754.

- Deciduous forest
- Mountains / upland
- Lake
- River Barrow

[tick ✓ the correct box]

14. Answer **EITHER 14a OR 14b**

14a. **Farming**

Which one of these is an example of an **output** from a **farm**?

Milk

Ploughing

Labour

Tractor

[tick ✓ the correct box]

**OR**

14b. **New land**

In the Netherlands, land which has been reclaimed from the sea is called:

Humus

Polder

Migration

Shanty towns

[tick ✓ the correct box]

15. Aid to the South

Which of the following is an example of a Non-Governmental Organisation (N.G.O.)?

The United Nations

Concern

The Brazilian Government

The European Union

[tick ✓ the correct box]

16. Natural Resources

Which one of the following is a **non renewable** energy source?



A coal powered electricity station



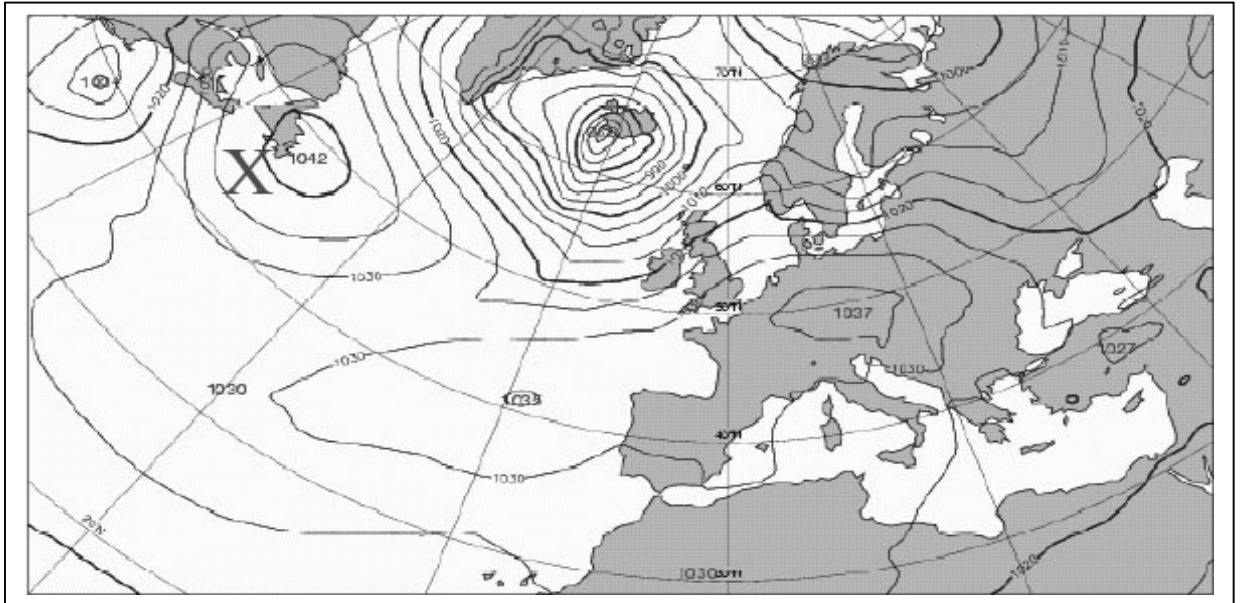
Wind Power



Running Water (Hydro electric power)

[tick ✓ the correct box]

17. **Weather Forecasting**



This picture shows a weather chart. X is an area of:

- High pressure
- Warm front
- Low Pressure
- Cold front

[tick ✓ the correct box]

18. **Communications**

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

Which of the following is located at S 724 730?

- Regional road
- National Primary road
- National Secondary road
- Railway line

[tick ✓ the correct box]

19. **Waste Disposal**

Composition of household waste sent to landfill in Ireland in 1998:

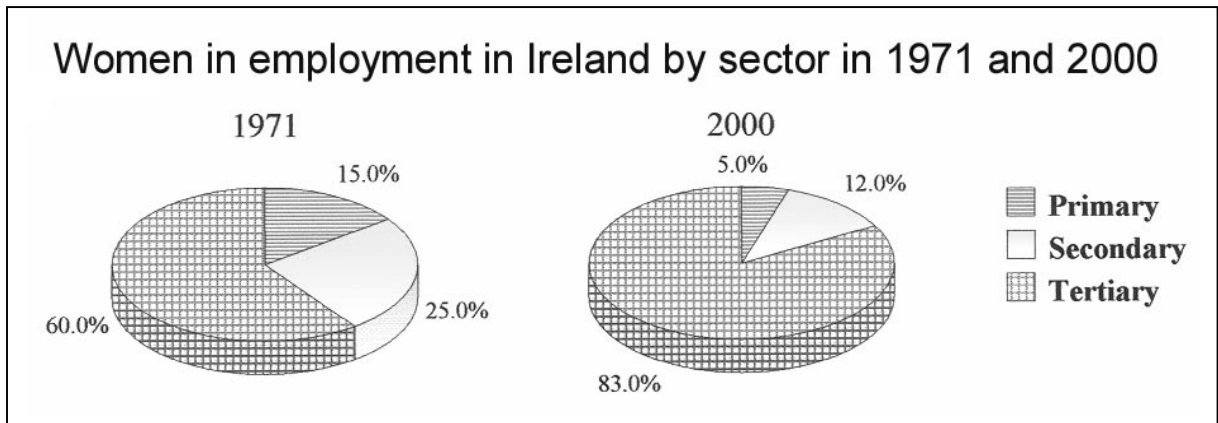
Paper	19.5%
Glass	5.5%
Plastic	11.9%
Metals	3.5%
Textiles	2.9%
Organics	32.9%
Other	23.8%

Study the above table and show which one of the following is correct:

- The amount of paper was highest
- The amount of glass was higher than paper.
- The amount of plastic was higher than textiles.
- The amount of textiles was higher than organics.

[tick ✓ the correct box]

20. **Statistical diagrams – Women at Work**



Look at the statistical diagrams above. In the **three** parts of the question write, in the spaces provided, the correct answers.

In 1971 the percentage of women employed in **Primary** was \_\_\_\_\_%.

In 2000 the percentage of women employed in **Secondary** was \_\_\_\_\_%.

The sector which had an increase of 23% between 1971 and 2000 was \_\_\_\_\_.

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