

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, 2006

GEOGRAPHY – ORDINARY LEVEL

SECTION 1 - FOLDER

MONDAY, 12 JUNE - AFTERNOON, 1.30 to 3.30

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. Shaping the Earth - Rocks

This photo shows a piece of sandstone.
 What type of rock is sandstone?

Metamorphic

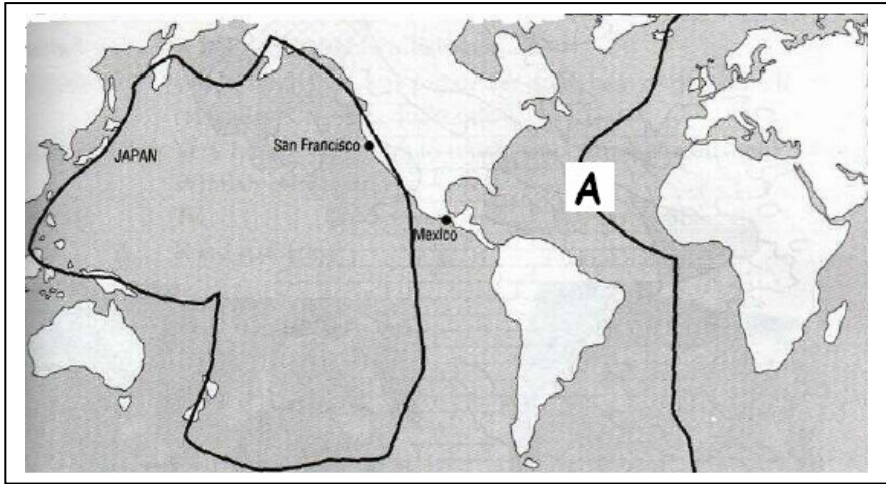
Igneous

Sedimentary

[tick ✓ the correct box]



2. Earth's Crustal Plates



This diagram shows some of the plates of the earth's crust:
 The type of feature found at A is known as

A Continent

A Mid Ocean ridge

A Block Mountain

The Ring of Fire

[tick ✓ the correct box]

3. **Weathering**

How has the large rock shown in this photograph been cracked?

Mechanical weathering

Deposition

Chemical weathering

Plants and animals

[tick ✓ the correct box]



4. **River Features**

Identify the feature of river deposition marked X in this diagram.

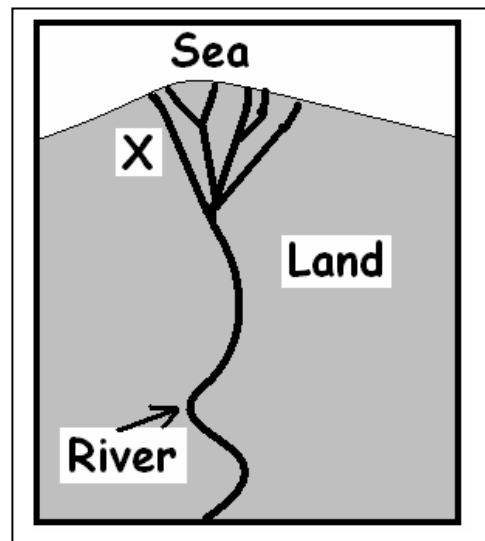
A Waterfall

A Meander

A Sand-spit

A Delta

[tick ✓ the correct box]



5. Shaping the Earth's Surface

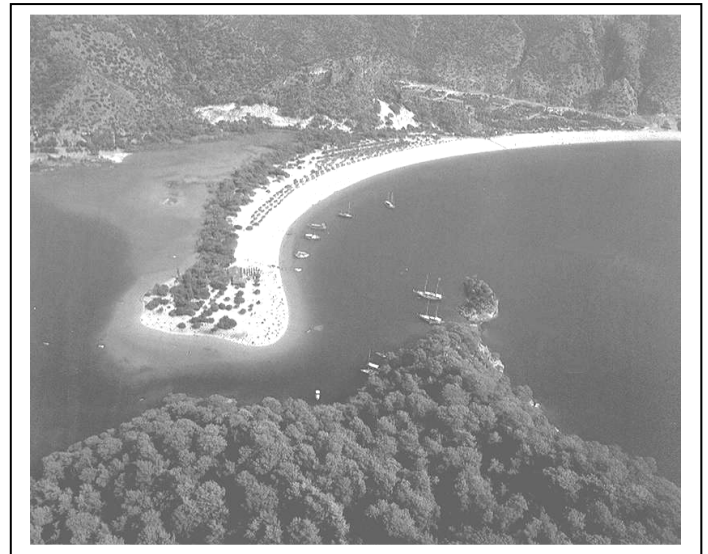
Answer EITHER 5A OR 5B

5A Coastal Features

The coastal landform in this picture is called:

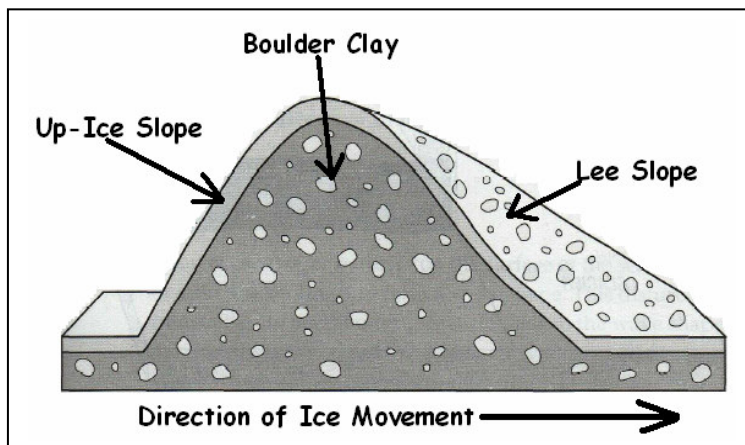
- A Delta
- A Sand-spit
- A Wave cut platform
- A Cave

[tick ✓ the correct box]



OR

5B Glaciation



The feature shown in this diagram is formed by glacial deposition. It is called:

- An Esker
- A Moraine
- A Drumlin
- An Aretè

[tick ✓ the correct box]

6. Population

Answer **EITHER 6A OR 6B**

6A Migration

Migration is influenced by **Push & Pull factors**.

Which of the following refers to **push factors** only?

Lack of jobs; better hospitals

More schools; more jobs in factories

Lack of services; too few jobs

[tick ✓ the correct box]

OR

6B Population

Very High Population density has which of the following features?:

Low marriage rates, people leaving farms

Shortage of clean water, over-crowding

Low marriage rates, political & economic isolation

[tick ✓ the correct box]

7. **The Restless Atmosphere**

Answer **EITHER 7A OR 7B**

7A **Weather**

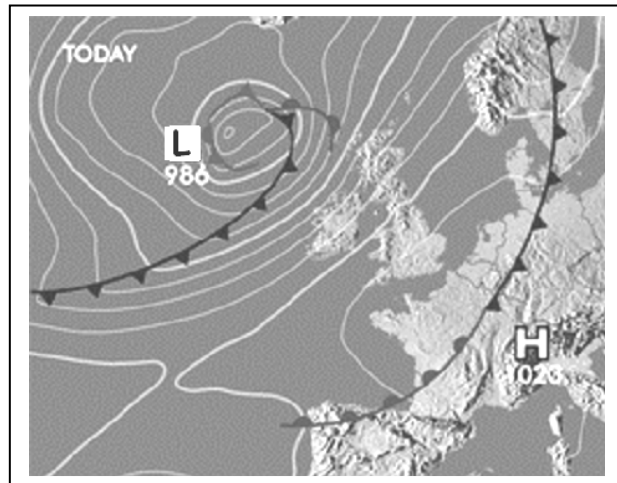
This weather map shows a low pressure area off the west coast of Ireland. The most likely weather in Ireland will be:

Cold, wet and windy

Clear skies, warm and sunny

Calm and foggy

[tick ✓ the correct box]



OR

7B Study the weather map above in question 7A. The white lines on this map join **places with equal atmospheric pressure**. These lines are known as:

Isohels

Isobars

Isohyets

Isotherms

[tick ✓ the correct box]

8 Economic Activities and Transport

Answer **EITHER 8A OR 8B**

8A Economic Activities

Which of these is a **Secondary** economic activity?

Mining

Making computers

Teaching

[tick ✓ the correct box]

OR

8B Transport and Industry

The type of transport best suited for deliveries to an **industrial estate** located at the edge of a city is:

Ship

Aeroplane

Lorry

[tick ✓ the correct box]

9. Leaching is:

Removing vegetation by the spread of deserts

Bringing water to irrigate dry land

When plant nutrients and minerals are washed deep into the ground and plant roots cannot reach them

Creating electric power from running water

[tick ✓ the correct box]

10. **The Irish Road network**

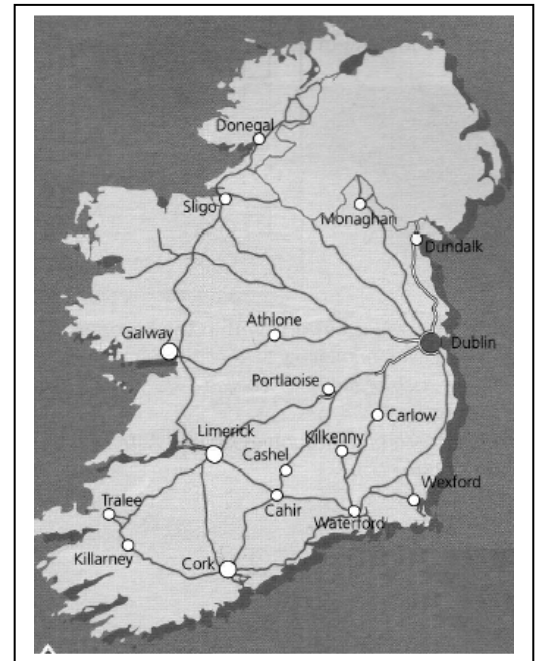
Study this map of the Irish Road Network.
In Ireland, the major roads tend to:

Run South to North

Avoid rivers

Link other towns to Dublin

[tick ✓ the correct box]



11. **Direction**

If you travelled from Belfast to Limerick, what **direction** would you move in?

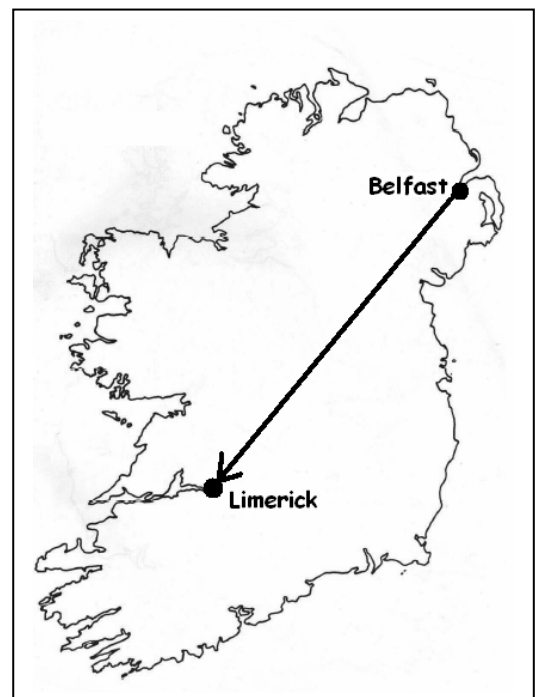
North-West to North-East

North-East to South-West

North-West to South-East

South to North

[tick ✓ the correct box]



12. **Ordnance Survey Extract**

The highest point on the extract is in grid square:

- V 89 87
- V 95 87
- V 87 91
- V 88 85

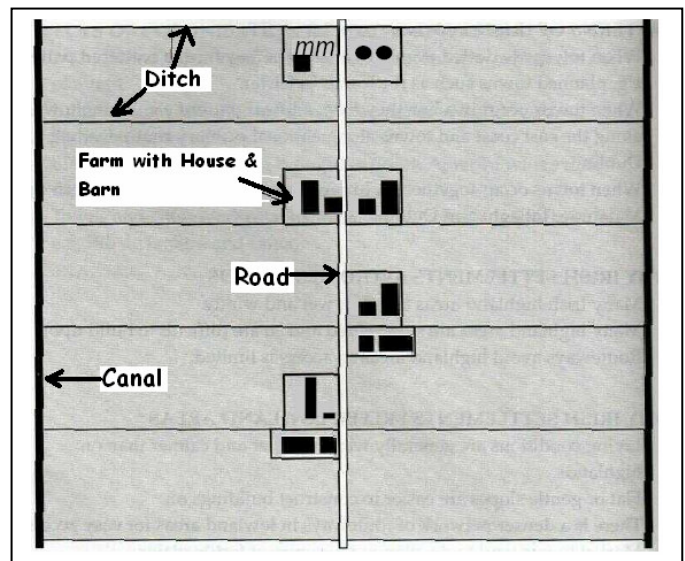
[tick ✓ the correct box]

13. **Settlement**

This map shows Farm settlement in the Dutch Polderlands. The pattern of settlement shown here is:

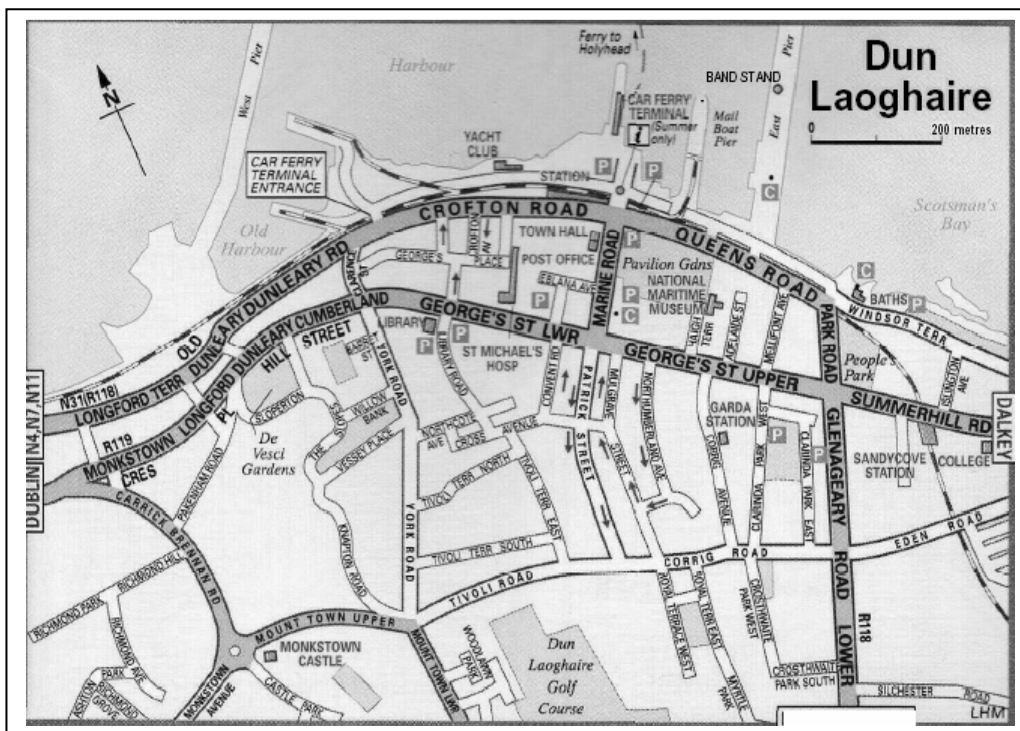
- Linear
- Dispersed
- Nucleated

[tick ✓ the correct box]



14. Function

This map shows Dun Laoghaire in County Dublin.



What is Dun Laoghaire's **main function**?

- Defence
- Religious
- Sea-Port
- Capital city

[tick ✓ the correct box]

15. **Housing**

Look carefully at this photo. The type of building shown here is usually to be found in:

- Suburbs
- Inner City
- Central Business District
- Industrial Zone

[tick ✓ the correct box]



16. **Primary Economic Activities**

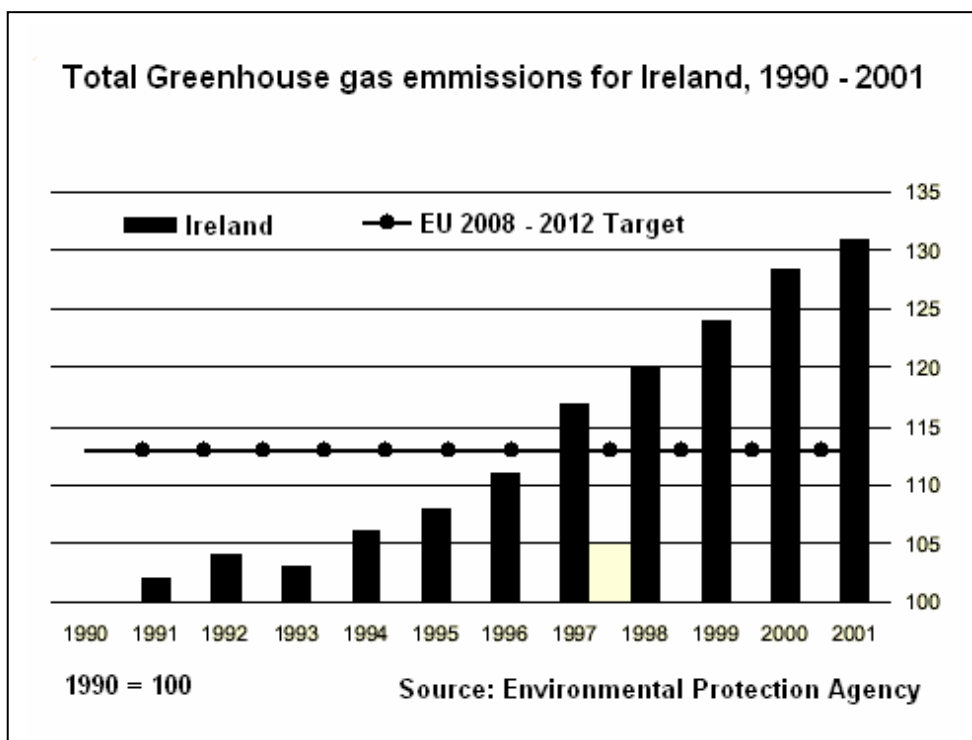
Ploughing	Milking	Sowing
Feeding animals	Harvesting wheat	Spreading fertiliser


These are examples of:

- A Farm System
- Farm Processes
- Farm Outputs
- Farm Inputs

[tick ✓ the correct box]

17. Statistical Diagrams



The European Union (EU) countries set a target  to reduce Greenhouse gas emissions (levels) by 2012. The information in this graph shows that:

Ireland has reduced it's greenhouse gas emissions (levels) since 1990

Ireland had gone above the EU greenhouse gas emission target by 1997 and has rapidly increased since.

Ireland's greenhouse gas emissions (levels) have not yet reached the target set by the EU.

There has been no change in Ireland's greenhouse emissions (levels) since 1997

[tick ✓ the correct box]

18. Grid References

Look at the Ordnance Survey Map supplied with this paper.
The settlement feature located at **V 892 903** is:

- An Ogham Stone
- A Friary
- A Standing stone
- A Castle

[tick ✓ the correct box]

19. Aid to the South

Which of the following provides **Multi-Lateral Aid** to developing countries?:

- The United Nations
- The United States Government
- GOAL and Trocaire
- County Councils

[tick ✓ the correct box]

20. Women at Work

Type of Employment	MALES	FEMALES
Farming, Fishing & Forestry	89,086	7,193
Manufacturing (Factory) Workers	182,306	42,714
Building and Construction workers	133,961	2,737
Office work, managing and government workers	114,726	203,839
Commercial and Sales	121,627	118,288
Services Workers	69,564	101,014
Communication & Transport Workers	92,488	9,956

Source: CSO, Census 2002 – Occupations

Study the table above and then circle the correct answer in **each** of the Statements below:

More *males / females* are “Service Workers”

More *males / females* work in “Farming, Fishing & Forestry”

More females work in “*Commercial and Sales*” / “*Manufacturing*”

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