

**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, 2004**

---

**GEOGRAPHY – ORDINARY LEVEL**

---

**SECTION 1 - FOLDER**

---

MONDAY, 14 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.

Otherwise, marks will be lost.

**1. Weathering**

Weathering of the earth's crust causes:

- Flooding
- Rocks to break down
- Earthquakes
- Fossils

[tick ✓ the correct box]

**2. Rocks**

The rock type found at A, in the Wicklow Mountains is:

- Basalt
- Limestone
- Sandstone
- Granite

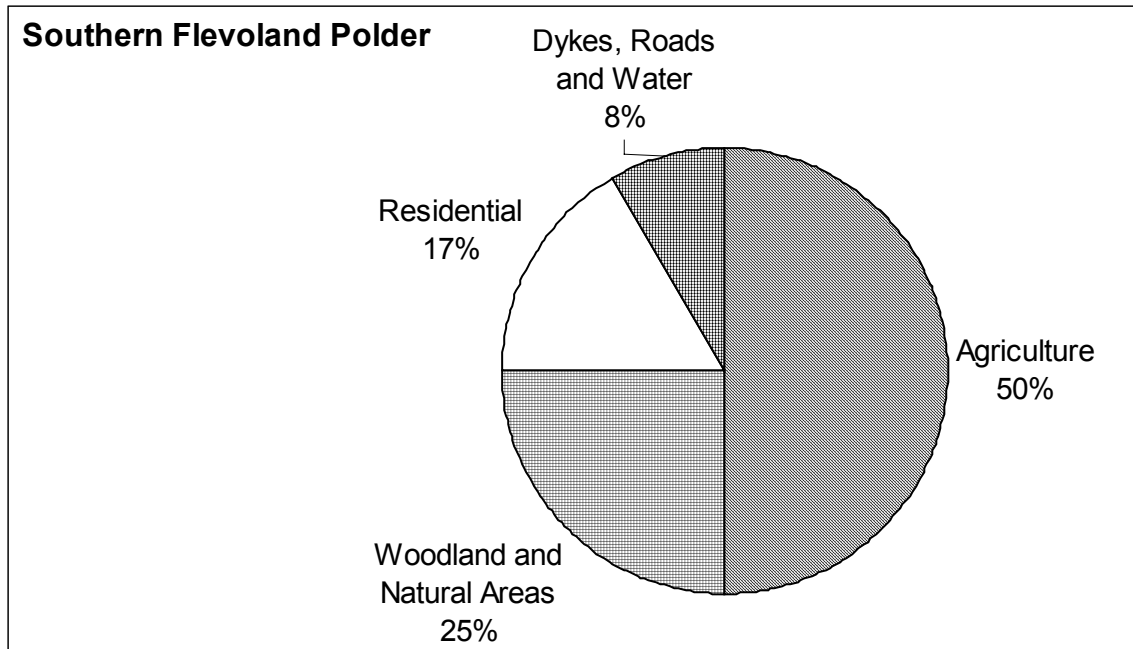
[tick ✓ the correct box]



3. Answer EITHER 3A OR 3B:

3A. Polders

Agriculture 180    Woodland and Natural Areas 90    Residential 60    Dykes, Roads and Water 30



Look at the pie chart above.

Circle the correct answer in **EACH** of the following statements:

- In Southern Flevoland, ONE QUARTER / ONE HALF of the land is used for Agriculture.
- In Southern Flevoland, ONE QUARTER / ONE THIRD of the land is Woodland and Natural Areas.
- In Southern Flevoland, the amount of Residential land is GREATER THAN / LESS THAN the amount of Woodland and Natural Areas.

**OR**

3B. Polders

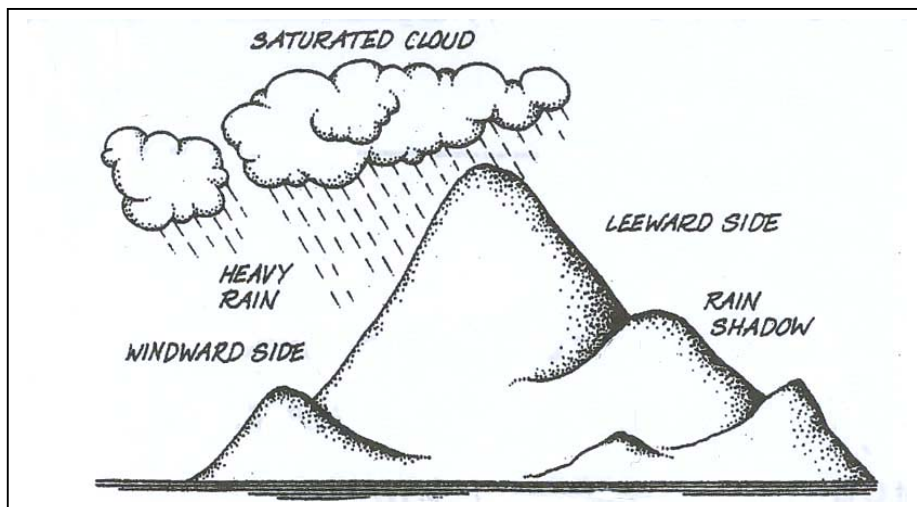
Polders are areas of reclaimed land found mainly in:

- The Netherlands
- Germany
- Ireland
- Brazil

[tick ✓ the correct box]

4. Answer EITHER 4A OR 4B:

4A. **Rainfall**



The diagram above shows an example of:

- Relief Rainfall
- Monsoon Rainfall
- Cyclonic Rainfall
- Convectional Rainfall

[tick ✓ the correct box]

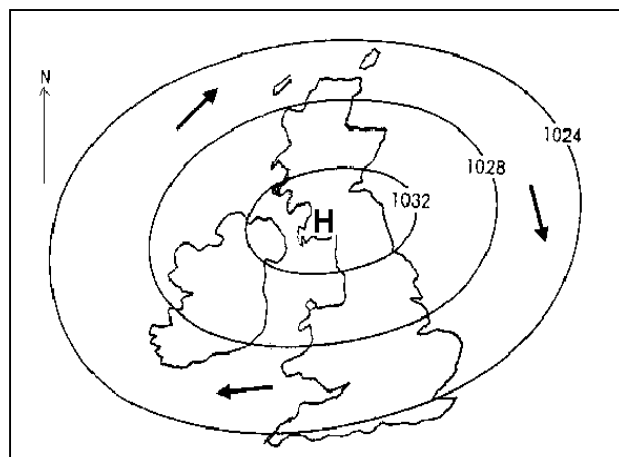
OR

4B. **The Restless Atmosphere**

The map shows a pressure system for early February. The most likely weather for this situation is that it will be:

- Mild, wet and windy
- Cold, wet and windy
- Clear skies, sunny in the middle of the day, but cold with frost at night

[tick ✓ the correct box]



5. Answer EITHER 5A OR 5B:

5A. The Environment

Trees like the ones in the photograph are killed by:

- Acid Rain
- The Ozone Layer
- Abrasion
- Solar Energy



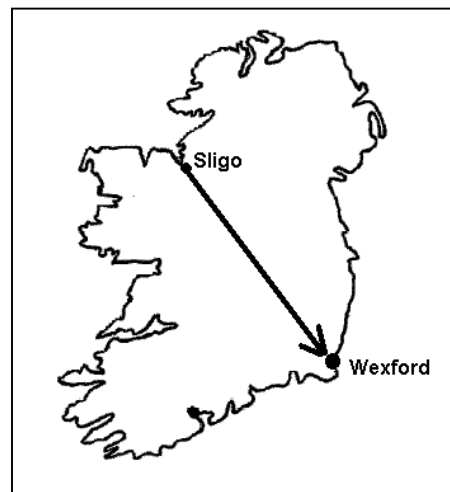
[tick ✓ the correct box]

OR

5B. Direction

Look at this map. If you were travelling from Sligo to Wexford, 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]

6. **The Living Soil**

**Leaching** in soils means:

- Evaporating upwards of minerals
- Washing down of minerals by water
- The adding of minerals to the soil
- Bacteria breaking down dead vegetation

[tick ✓ the correct box]

7. **City Housing**

Semi-detached houses are most likely to be found in:

- the Central Business District
- the suburbs
- the inner city
- an industrial estate

[tick ✓ the correct box]



8. **Aid to Developing Countries**

Emergency Aid is:

when the money must be used to buy goods from the donor country

when money is given by the Irish Government to a country to buy farming tools

when food, blankets and medicine are donated at a time of disaster or famine

[tick ✓ the correct box]

9. **Settlement**

The settlement pattern shown is:

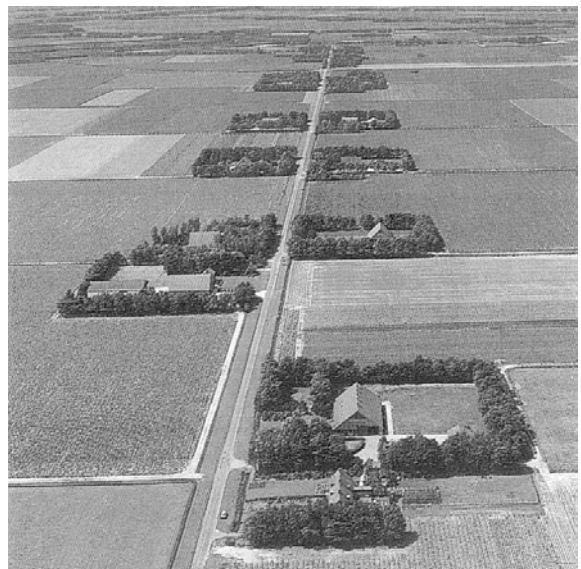
Clustered

Linear

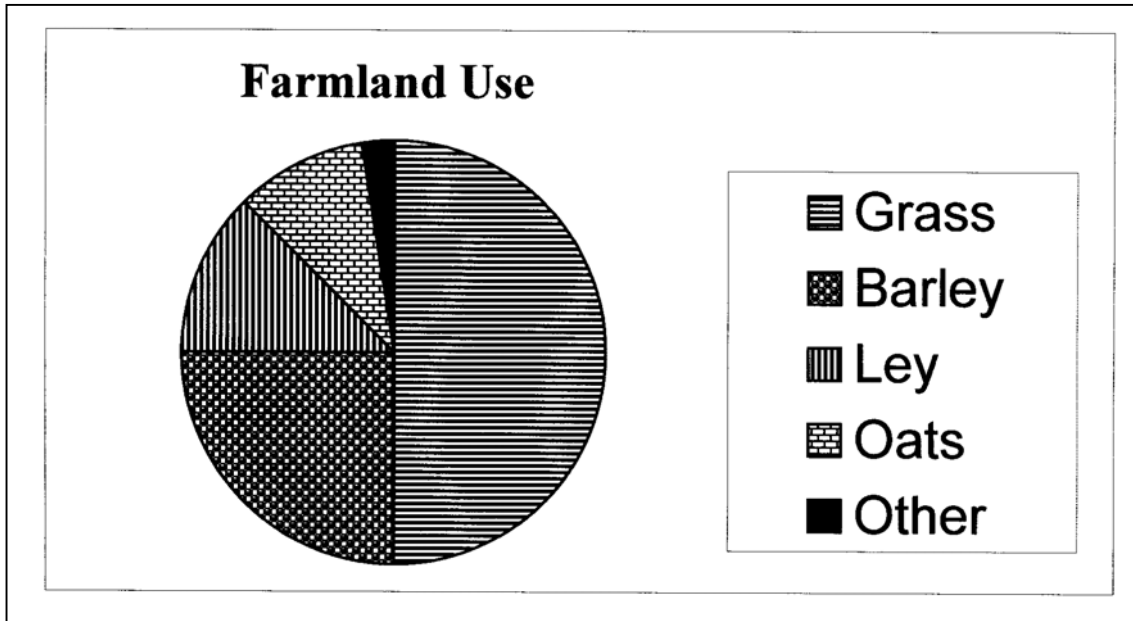
Urban

Defence

[tick ✓ the correct box]



10. Statistical Diagrams – Land Use on the Farm



Which of the following is the percentage land used for growing barley on this farm?

- 13%
- 20%
- 25%
- 40%

[tick ✓ the correct box]

11. Trees in our Environment

Trees absorb carbon dioxide which people and animals produce.

Cutting down Tropical Rainforests is one cause of :

- Avalanches
- The Greenhouse Effect
- Global poverty
- Carbonic Acid

[tick ✓ the correct box]





## 12. Map of Dublin Dart Line

Look at the map below, which shows the Dart line in Dublin.



If you boarded the Dart at Dun Laoghaire station and travelled northwards for seven stops, what station would you then be at?

- Blackrock
- Booterstown
- Lansdowne Road
- Tara Street

[tick ✓ the correct box]

## 13. Ordnance Survey

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

Which of the following is located at G 266 227?

- Moated Site
- Church
- Castle
- Burial ground

[tick ✓ the correct box]

14. Answer **EITHER 14A OR 14B:**

14A. **Ordnance Survey**

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

There is a 17 metre spot height in the Grid Square:

G 18 20

G 28 16

G 17 14

G 22 14

[tick ✓ the correct box]

**OR**

14B. **Population**

A place is said to be **overpopulated** when

There are many big cities

Population is high

There are not enough resources  
for all the people living there

The population is growing

[tick ✓ the correct box]

15. Economic Activities

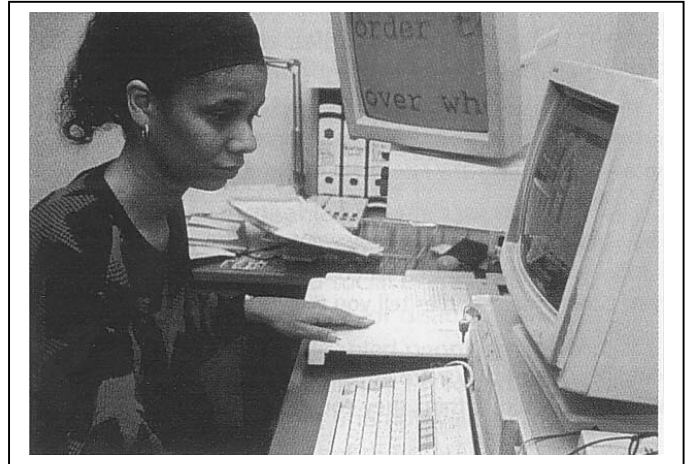
The woman shown in an office in the photograph works in a:

Primary Activity

Secondary Activity

Tertiary Activity

[tick ✓ the correct box]



16. Secondary Activities

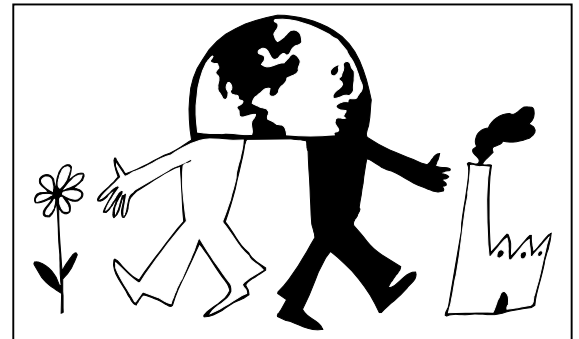
Which of the following statements best describes the cartoon?

There is sometimes conflict between industry and the interests of the environment

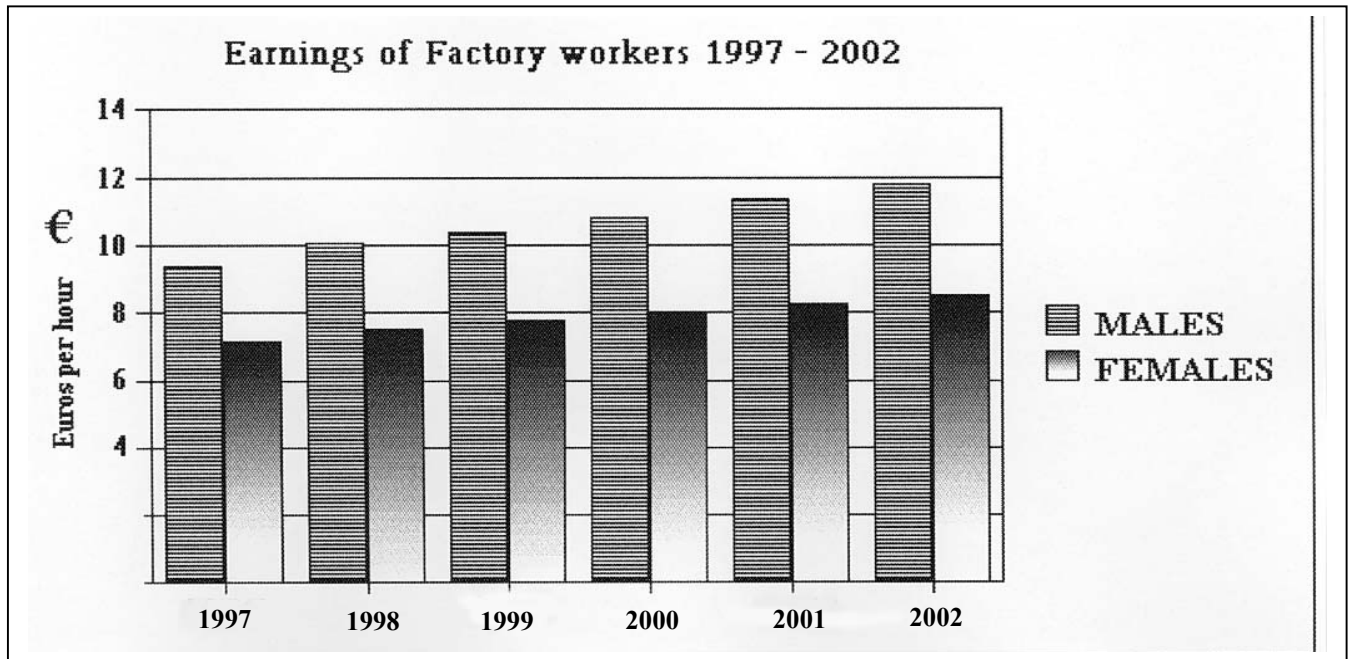
Industry always works to protect the environment

Industry never works to protect the environment

[tick ✓ the correct box]



17. Employment in Factories



Which sentence best describes the information in the bar chart above?

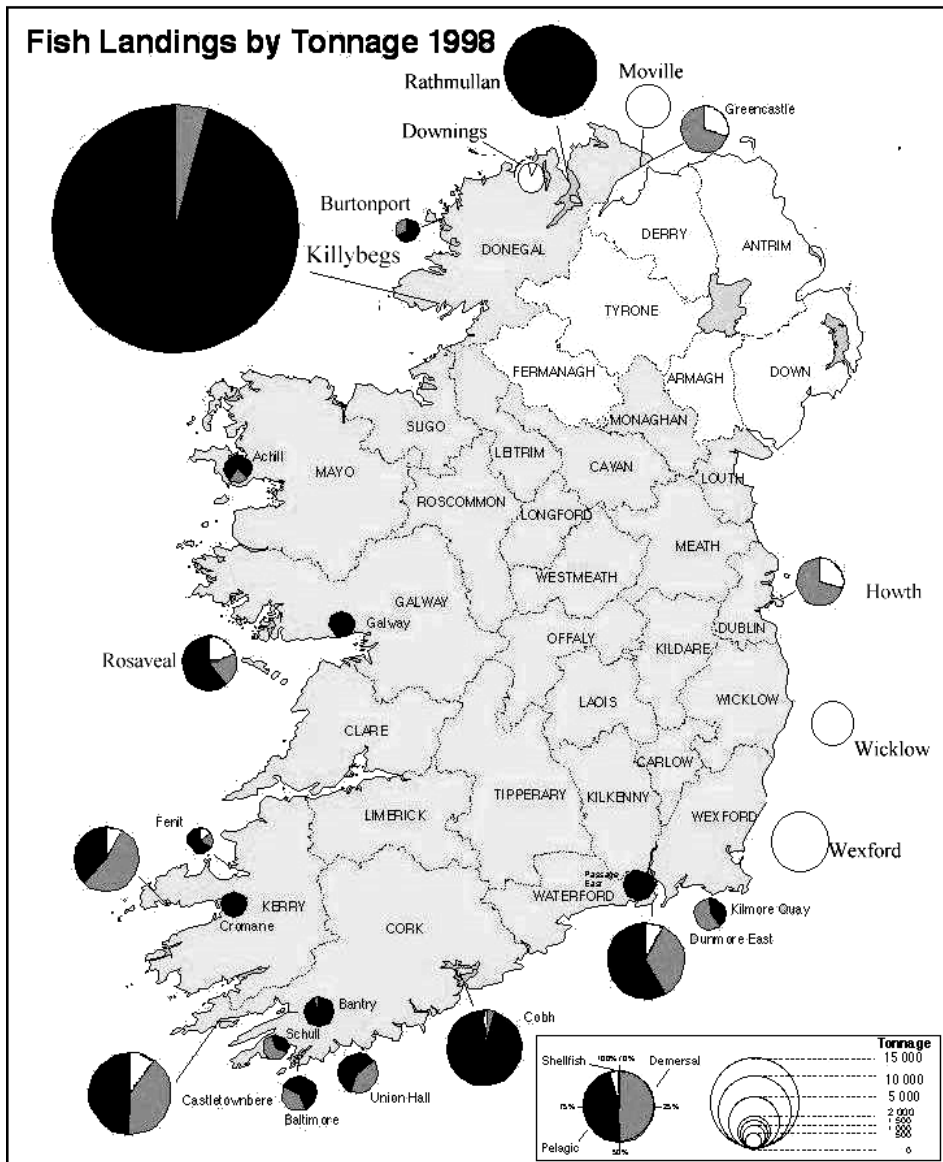
Women in factories have earned more per hour than men between 1997 and 2002.

Men and women in factories have earned an equal hourly wage between 1997 and 2002

The hourly wage for women in Irish factories has increased slightly between 1997 and 2002 but is still not level with the hourly wage of males

[tick ✓ the correct box]

18. Fishing



Study the map above. It shows the amount of fish, in tonnes, landed in different ports in 1998. The greatest amount of fish was landed in:

- Killybegs
- Dunmore East
- Rathmullan
- Howth

[tick ✓ the correct box]

**19. Migration**

There are a number of reasons why people migrate. These are called Push and Pull Factors. Which of the following is a **Push** factor?

- Lively social life
- Good housing
- Good jobs
- War

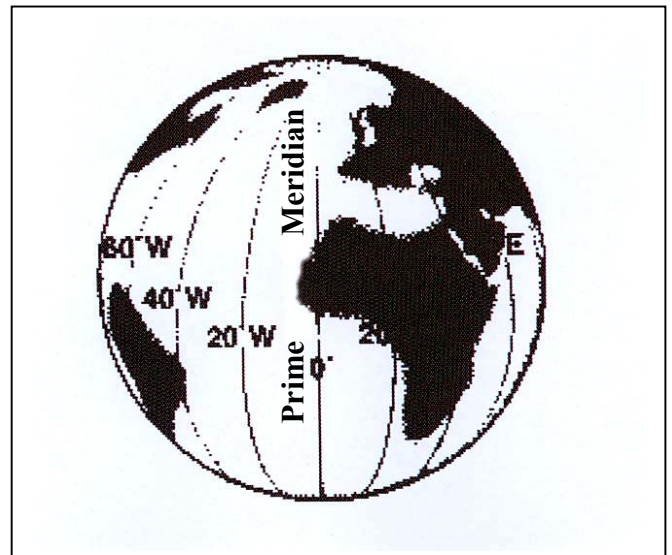
[tick ✓ the correct box]

**20. World Geography**

The global map shows

- Lines of Latitude
- Contour lines
- Isobars
- Lines of Longitude

[tick ✓ the correct box]



**Blank Page**

**Blank Page**