

**AN ROINN OIDEACHAIS AGUS EOLAÍOCHTA**  
**LEAVING CERTIFICATE EXAMINATION, 2001**

**GEOGRAPHY - ORDINARY LEVEL**

**MONDAY, 11 JUNE - AFTERNOON, 1.30 to 4.50**

**INSTRUCTIONS TO CANDIDATES**

Question 1 concerns the Ordnance Survey map and is compulsory.

The other questions, from 2 to 18, are laid out in **FOUR** sections. These are Physical Geography, Social Geography, Economic Geography, Regional and World Geography.

**Five questions** must be answered but **not more than two questions** may be answered from any one section. Candidates must attempt:

- Question 1;
- One Regional and World Geography question [from Questions 14 – 18];
- Three other questions from 2 - 18;

The choice of questions from 2 to 18 is subject to the restriction, specified above, that **not more than two questions** may be answered from any one section.

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**PLEASE MAKE SURE YOU HAVE AN ORDNANCE SURVEY MAP AND AN AERIAL PHOTOGRAPH BEFORE ATTEMPTING THIS PAPER.**

**THIS QUESTION MUST BE ANSWERED**

**QUESTION 1.      ORDNANCE SURVEY**

Examine the 1:50 000 Ordnance Survey Map and legend supplied with this paper.

- (i) Draw a sketch map of the area covered by the Ordnance Survey Map. On the sketch map, show and name the following:
- A Named River
  - A Golf Course
  - An Electricity Transmission Line
  - A County Boundary
  - The Built up area of Ardee
  - A National Secondary Route
- (30 marks)**

[Note: The sketch map should not be a tracing.]

- (ii) Using evidence from the Ordnance Survey Map only, suggest **THREE** reasons why the town of Ardee grew up at this location. **(30 marks)**
- (iii) “The area shown on the map has a long history of settlement”. Identify **THREE** different types of information from the map that support this statement. **(20 marks)**

**PHYSICAL GEOGRAPHY**

**Questions 2 - 5**

**QUESTION 2.      GLACIAL LANDFORMS**

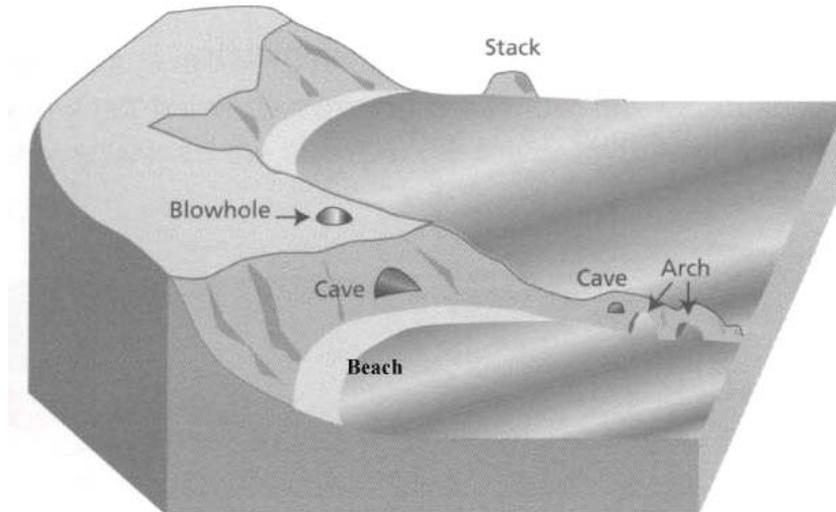
Hanging Valley, Corrie (Cirque), Glaciated Valley, Drumlin, Esker and Outwash Plain.

- (i) Select **THREE** of the above glacial features and, using a diagram, describe how each of them was formed. **(60 marks)**
- (ii) Give **TWO** reasons why glaciated landscapes are very attractive to tourists. **(20 marks)**

**QUESTION 3.      RIVERS**

- (i) Name **TWO** features formed by river erosion and **TWO** features formed by river deposition. **(20 marks)**
- (ii) Explain, with the aid of a diagram or diagrams, how any **THREE** of the features you have named in part (i) were formed. **(60 marks)**

**QUESTION 4.**      **THE SEA**



- (i) Sea Stack, Sea Arch, Sea Cave, Blowhole and Beach.

Select any **THREE** of the features above and in the case of **EACH**:

- Describe and explain, with the aid of a diagram, how it was formed.

**(60 marks)**

- (ii) The sea is eroding the coastline in many places.

Explain any **TWO** ways to limit this erosion.

**(20 marks)**

**QUESTION 5.**      **THE PHYSICAL WORLD**

Explain **TWO** of the following statements in some detail:

- (i) Rocks have many economic uses.

**(40 marks)**

- (ii) Many occupations depend on accurate weather forecasts.

**(40 marks)**

- (iii) Soil erosion continues to be a major problem in many parts of the world.

**(40 marks)**

- (iii) Name and briefly describe **ONE** cause and **TWO** consequences (results) of earthquakes.

**(40 marks)**

## SOCIAL GEOGRAPHY

### Questions 6 - 9

#### **QUESTION 6.**      **AERIAL PHOTOGRAPH**

Draw a sketch map (not a tracing) of the area covered by the aerial photograph of Ardee supplied with this paper.

(i) On the sketch map name and identify:

- A church and graveyard
  - A modern housing development
  - A timber storage yard
  - An area of agricultural land use
  - The main shopping area
- (30 marks)**

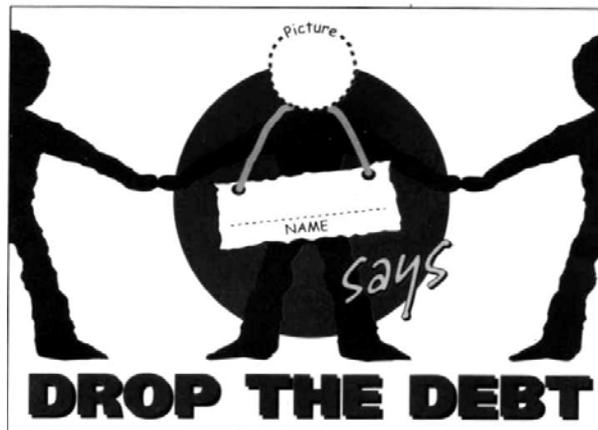
(ii) Identify and name **THREE** town functions in the town of Ardee. Give evidence from the map and the photograph in support of your answer.

**(30 marks)**

(iii) Suggest a suitable location for a supermarket in the area covered by the photograph. State the location, with reference to foreground, background etc. and explain **ONE** advantage and **ONE** disadvantage of using evidence from the photograph only.

**(20 marks)**

#### **QUESTION 7.**      **FOREIGN DEBT**



Source - Trócaire: "Taking Action on Debt."

(i) "Each year Developing Countries pay the Developed World much more in debt repayments than they receive in grants."

Explain **TWO** effects this debt has on the countries in the Developing World. **(40 marks)**

(ii) What measures can the Developed World take to reduce debt repayments from the Developing World? **(40 marks)**

**QUESTION 8.            POPULATION STUDIES**

- (i) A number of problems are made worse by high population densities in cities or towns; some are listed below:
- Over crowding
  - Traffic congestion
  - Poor health conditions
  - Pollution
  - Unemployment

Select any **THREE** of the above problems and explain them with reference to any **ONE** city or town you have studied.

**(60 marks)**

- (ii) The Irish Government plans to move some Government Departments out of Dublin to other parts of the country. Explain **TWO** of the effects this will have on

- Dublin
- Other parts of the country

**(20 marks)**

**QUESTION 9.            SOCIAL GEOGRAPHY ISSUES**

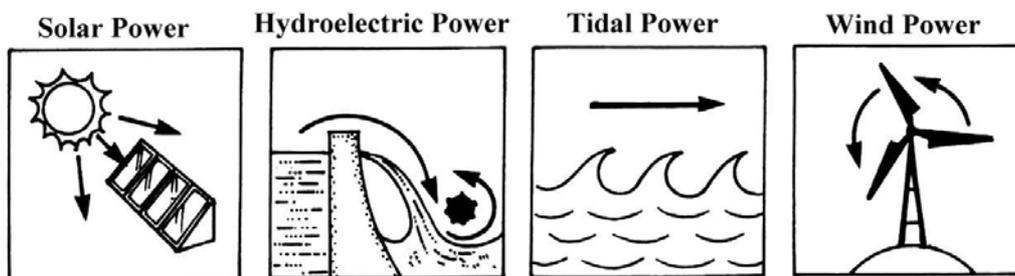
Explain **TWO** of the following statements in some detail:

- (i) Families are usually larger in the Developing World. **(40 marks)**
- (ii) Civil war is a major problem for countries in Africa. **(40 marks)**
- (iii) Finding enough land for housing development is becoming a serious problem in some cities. **(40 marks)**
- (iv) Labour shortages are now a major issue in many parts of Ireland. **(40 marks)**

**ECONOMIC GEOGRAPHY**

**QUESTIONS 10 - 13**

**QUESTION 10.            ENERGY**



- (i) Describe and explain any **THREE** of the above types of renewable energy sources. **(60 marks)**
- (ii) Explain **TWO** ways in which people can save energy in the home. **(20 marks)**

**QUESTION 11.      AGRICULTURE**

(i) Agriculture is a system with **INPUTS**, **PROCESSES** and **OUTPUTS**.

Explain this system with reference to agriculture in any country you have studied. **(60 marks)**

(ii) Why are so many farmers leaving agriculture in the **Developed World**? **(20 marks)**

**QUESTION 12.      ECONOMIC GEOGRAPHY ISSUES**

Explain **TWO** of the following statements in some detail:

(i) Pollution control has economic consequences. **(40 marks)**

(ii) Ireland is a world leader in computer manufacturing. **(40 marks)**

(iii) Public transport provision is now a major concern in urban areas. **(40 marks)**

(iv) Rising oil prices are a growing concern in the world today. **(40 marks)**

**QUESTION 13.      FIELDWORK**

With reference to **ANY** fieldwork exercise that you have completed in Geography:

(i) State the **title** and **aims** of the exercise. **(8 marks)**

(ii) Describe how **you prepared** for the exercise. **(16 marks)**

(iii) Describe the **methods you used to gather** the information. **(24 marks)**

(iv) Describe the **results** of the fieldwork. **(12 marks)**

(v) Explain the **methods you used to present** your results. **(12 marks)**

(vi) Did your fieldwork exercise **help you to understand** the practical value of Geography? **(8 marks)**

**REGIONAL AND WORLD GEOGRAPHY**

**Questions 14 – 18**

● **You must attempt at least One Question from Regional and World Geography but you may not attempt more than Two Questions.**

**QUESTION 14.      TYPES OF REGIONS**

- **Core/Developed Regions,**
- **Peripheral/Underdeveloped Regions,**
- **Depressed/Resource Declining Regions,**

Select any **TWO** of these three types of regions and for **EACH**:

(i) Name **ONE** example of each type in Europe. **(10 marks)**

(ii) Describe and explain some of the main characteristics of the **TWO** regions chosen. **(70 marks)**

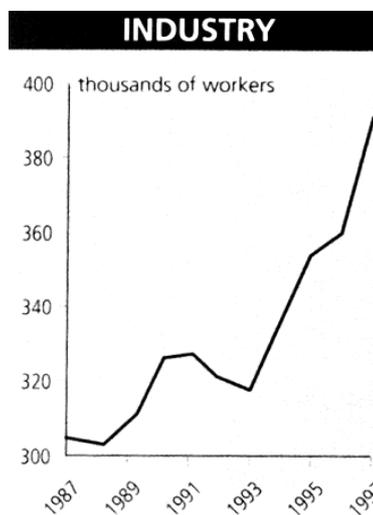
**QUESTION 15.**      **COUNTRIES AND THEIR REGIONS**

Ireland, Switzerland, Germany, Spain, Belgium and France

In the case of **ANY ONE** of the above countries you have studied:

- (i) Draw a sketch map to show how you would divide the whole country into **TWO OR MORE REGIONS.** (20 marks)
- (ii) Select **TWO** of these regions and, in the case of each, describe the development of the region using the following headings:
- Physical Geography
  - Agriculture
  - Manufacturing **or** Services
- (60 marks)

**QUESTION 16.**      **INDUSTRY IN IRELAND**



Number of workers employed in Irish Industry 1987 to 1997

- (i) Explain **THREE** reasons why the number of industrial workers has increased so rapidly in Ireland. Refer to the graph above in your answer. (50 marks)
- (ii) The vast majority of Irish industries are concentrated in Dublin and other cities. Explain **TWO** ways that industry can be attracted to other areas in Ireland. (30 marks)

**QUESTION 17.**      **STATEMENTS ON EUROPE**

Select any **TWO** of the following statements and discuss them in detail:

- (i) Irish agriculture is facing many challenges in the future. (40 marks)
- (ii) Norway is one of Europe's largest fishing nations. (40 marks)
- (iii) Italy has many attractions for tourists. (40 marks)
- (iv) The Ruhr in Germany is one of Europe's leading industrial regions. (40 marks)

**QUESTION 18.**

**WORLD GEOGRAPHY**



Examine the map of the world above.

(i) In your answerbook, name the items numbered 1 – 10.

Countries 1, 2 and 3; Islands 4 and 5; Mountain Range 6; Capital Cities 7 and 8; Sea Areas 9 and 10.

(20 marks)

\*Note the world map is on the examination paper rather than on a separate sheet.

(ii) The following areas have made world headlines in recent years.

- Yugoslavia and its neighbours
- Middle East
- Northern Ireland

Select ONE of the above areas and describe the issues involved.

(40 marks)

(iii) "The movement of refugees and asylum seekers across borders is becoming a major feature of the world today."

Discuss this statement by referring to any ONE area you have studied

(20 marks)