



# Coimisiún na Scrúduithe Stáit State Examinations Commission

LEAVING CERTIFICATE EXAMINATION, 2005

GEOGRAPHY - ORDINARY LEVEL

MONDAY, 13 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.

**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 1:50000 Ordnance Survey extract and legend supplied with this paper.

**(i)** Draw a sketch-map of the area covered by the Ordnance Survey extract. On the sketch-map **mark** and **name** the following:

- Lough Owel
- The Royal Canal
- A Motte
- A railway line
- A Nature Reserve
- Lady's Island

[**N.B.** The sketch-map should **not** be a tracing and should be **smaller** than the original map]

**(30 marks)**

**(ii)** Name and give locations for **FOUR different** types of antiquities to be found in this region.

**(20 marks)**

**(iii)** Using evidence from the Ordnance Survey extract only, suggest and explain **THREE** reasons why the town of Mullingar grew up at this location.

**(30 marks)**

## PHYSICAL GEOGRAPHY

### Questions 2 – 5

#### QUESTION 2.      GLACIATION



- (i) Esker, Corrie (Cirque), Glaciated Valley, Pyramidal Peak, and Drumlin.

Name **TWO** of these features formed in **highlands** and **TWO** features formed on **lowlands**.  
(20 marks)

- (ii) Explain, with the aid of a diagram, how any **THREE** of the features **selected in part (i)** were formed.  
Give an **Irish example** for each.

(60 marks)

#### QUESTION 3.      THE SEA (MARINE)

- (i) Name **TWO** features formed along **highland coasts** and **TWO** features formed along **lowland coasts**.

(20 marks)

- (ii) Explain, with the aid of a diagram, how any **THREE** of the features **named in part (i)** were formed.  
Give an **Irish example** for each.

(60 marks)

**QUESTION 4.      EARTH MOVEMENTS**

- (i) Earthquakes, Fold Mountains and Volcanoes.  
Select any **TWO** of the above and for **each one you select**:
- Name **ONE** area in the world where it occurs.
  - Describe and explain how it is caused, with the aid of a diagram.
- (60 marks)**
- (ii) Describe and explain **TWO** possible effects of an earthquake on a major city.
- (20 marks)**

**QUESTION 5.      THE PHYSICAL WORLD**

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

- (i) Erosion by rivers has resulted in many distinctive landforms in Ireland. **(40 marks)**
- (ii) Weathering can be caused by physical **OR** chemical processes. **(40 marks)**
- (iii) Weather forecasting is becoming more accurate each year. **(40 marks)**
- (iv) Irish bogs are under threat and should be preserved. **(40 marks)**

## SOCIAL GEOGRAPHY

### Questions 6 - 9

#### **QUESTION 6.      AERIAL PHOTOGRAPH OF MULLINGAR**

Examine the aerial photograph supplied with this paper.

- (i) Draw a sketch-map of the area of Mullingar covered by the aerial photograph. On it **mark** and **name** the following:

[**N.B.** This should **not** be a tracing and should be **smaller** than the photograph].

- Two connecting streets
- Two churches
- A housing estate
- An area of woodland
- A car park

**(30 marks)**

- (ii) Imagine that a developer wishes to build a new leisure complex in the area of Mullingar covered by the photograph.

Give a location suitable for the development and explain **THREE** reasons for your choice.

**(30 marks)**

- (iii) Using **both** the aerial photograph **and** the Ordnance Survey extract, describe briefly **TWO** pieces of evidence that Mullingar is a major market town.

**(20 marks)**

**QUESTION 7.**

**POPULATION STUDIES**



(i) There are many factors that influence population growth. Among these are:

- Health
- War
- The status of women
- Education
- Improved technology
- Unemployment

Select any **THREE** of the above factors and explain how **each** affects population growth.

**(60 marks)**

(ii) “Family size has been falling in the **Developed World** and this will lead to problems in the future.”  
Do you agree with this statement? Explain your answer.

**(20 marks)**

**QUESTION 8.      URBAN STUDIES**

(i) Rapid Population Growth has created many **problems in cities**. Among these are:

- Lack of Housing
- Traffic Congestion
- Pollution
- Crime and Drugs
- Disease

Select any **THREE** of these problems and explain **each** by referring to a **city OR cities** you have studied.

**(60 marks)**

(ii) "**Rural Depopulation** occurs when many people move out of rural areas."

Explain **ANY TWO** effects this depopulation can have on any **ONE** region studied by you.

**(20 marks)**

**QUESTION 9.      SOCIAL GEOGRAPHY ISSUES**

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

- (i) Urban Sprawl is a problem in modern cities. **(40 marks)**
- (ii) Much of the work done by women is unpaid and therefore under-valued in both the developing and developed world. **(40 marks)**
- (iii) Discrimination is often suffered by migrants. **(40 marks)**
- (iv) Birth Rates and Death Rates influence population change. **(40 marks)**

## ECONOMIC GEOGRAPHY

### Questions 10 - 13

#### QUESTION 10.     ENERGY



- (i) Name and explain in detail THREE forms of renewable energy. (60 marks)
- (ii) Explain TWO ways in which people could conserve energy in the home. (20 marks)



**QUESTION 11.      AGRICULTURE**

(i) There are many important factors that influence agriculture. Among these are:

- Climate
- Soil Fertility
- Government Policies
- Proximity (nearness) to Markets

Select any **TWO** of the above factors and explain in detail how **each** has influenced agriculture in **any area studied by you.**

**(40 marks)**

(ii) “The number of people working on the land is falling rapidly in the Developed World.”

- Explain in detail **TWO** of the causes of this decline in **any agricultural area studied by you.**
- Explain **TWO methods (ways)** this decline might be slowed.

**(40 marks)**

**QUESTION 12.      ECONOMIC GEOGRAPHY ISSUES**

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

- (i) Rising oil prices are a growing concern in the world today. **(40 marks)**
- (ii) There is growing concern at the loss of the Tropical Rain Forests. **(40 marks)**
- (iii) The LUAS rapid rail system has been very successful in Dublin. **(40 marks)**
- (iv) Manufacturing Industry is a system with inputs, processes and outputs. **(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 **in detail TWO** ways you prepared for the exercise. **(16 marks)**
- (iii) Describe **in detail THREE** methods you used to gather the information. **(24 marks)**
- (iv) Explain **THREE** results of the fieldwork. **(12 marks)**
- (v) Explain **in detail THREE** methods you used to present your results. **(12 marks)**
- (vi) Explain **one change** you would make if you were repeating the fieldwork exercise. **(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.      COUNTRIES AND THEIR REGIONS**

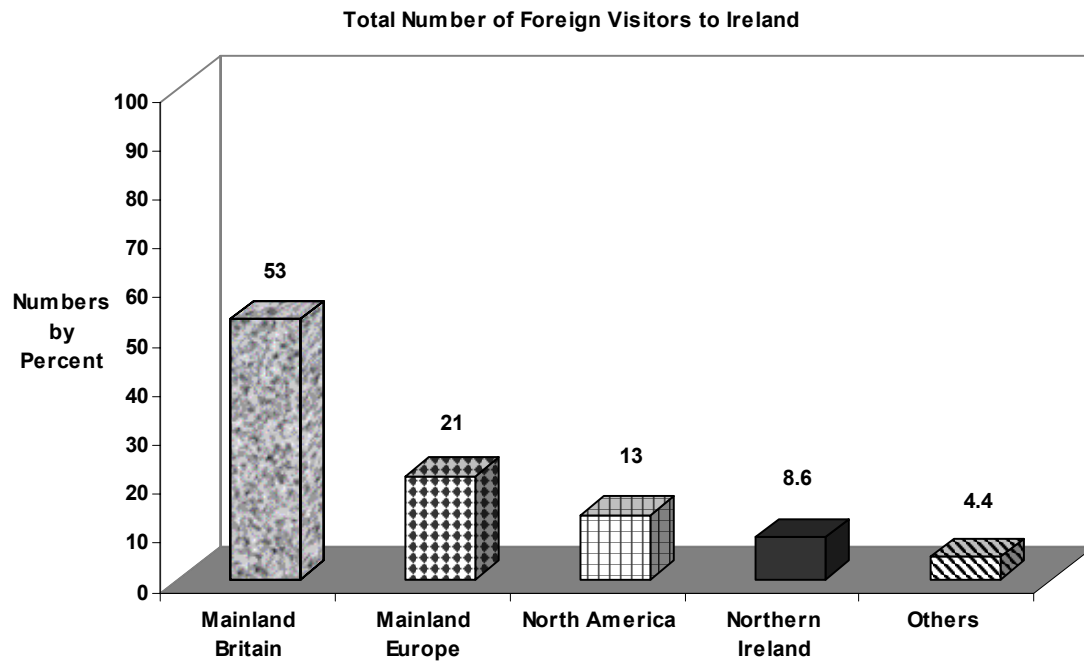
Ireland, Norway, Switzerland, Portugal, Spain and France

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 15.      TOURISM**



- (i) Examine the data in the chart above on the Number of Foreign Visitors to Ireland and answer the following:
- Where do most visitors to Ireland come from?
  - What percentage comes from North America?
- (10 marks)**
- (ii) Describe and explain in detail **THREE** reasons why tourists visit **Ireland** each year.
- (60 marks)**
- (iii) Explain **ONE** problem caused by large numbers of tourists visiting an area.
- (10 marks)**

**QUESTION 16.      REGIONS IN EUROPE**

Scania, North Italian Plain, West of Ireland, The Nord/Pas de Calais, The Ruhr, The Sambre-Meuse.

(i) From the list of regions above **select and identify:**

- **ONE** Core Region
- **ONE** Peripheral Region **or** **ONE** Resource Declining Region

**(20 marks)**

(ii) Describe the regions **under the following headings:**

- Primary Activities
- Secondary Activities

**(60 marks)**

**QUESTION 17.      STATEMENTS ON EUROPE**

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

(i) Tourism plays an important part in the economy of Spain.

**(40 marks)**

(ii) Much of Norway's wealth is based on its natural resources.

**(40 marks)**

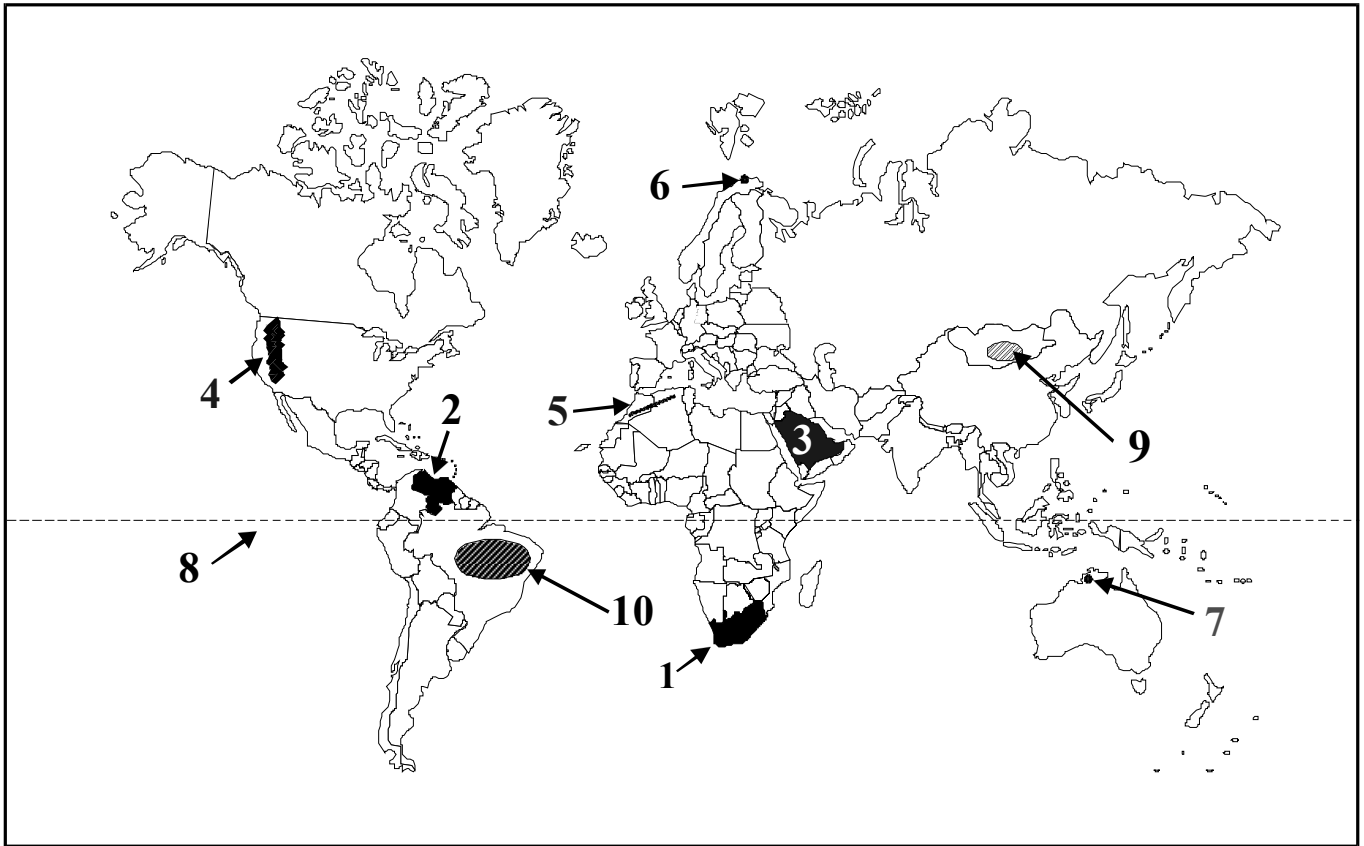
(iii) E. U. enlargement is bringing both problems and benefits for Ireland.

**(40 marks)**

(iv) Agriculture is the most important single industry in the economy of the Republic of Ireland.

**(40 marks)**

**QUESTION 18. WORLD GEOGRAPHY**



Examine the map of the world above.

(i) Name the items numbered 1 - 10 in your answerbook.

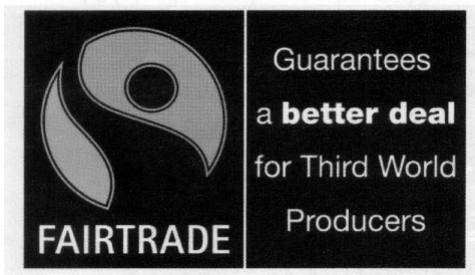
Countries 1, 2 and 3; Mountain Ranges 4 and 5; Cities 6 and 7; a Line of Latitude 8; a Desert Area 9 and a Forest Area 10. **(20 marks)**

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

\*The Sudan                      \*Iraq                      \*Middle East

Select **ONE** of the above areas and describe the issues involved. **(40 marks)**

(iii)



"Fair Trade is the reason that the small farmers in our association have a livelihood at all. "

Jorge Ramirez, President, El Guabo Group, Ecuador

Explain **TWO** ways in which people in the Developed World can help to balance trade with the Developing World. **(20 marks)**

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