



**Coimisiún na Scrúduithe Stáit
State Examinations Commission**

JUNIOR CERTIFICATE EXAMINATION, 2010

GEOGRAPHY – ORDINARY LEVEL

SECTION 2

FRIDAY, 11 JUNE - MORNING, 9.30 to 11.30

SECTION 1 of this paper is in a separate folder, where spaces are provided for your answers.

N.B. PLEASE REMEMBER TO RETURN YOUR FOLDER WITH YOUR ANSWER BOOK.

SECTION 2 (90 MARKS)

Answer any **THREE** questions.

All questions carry equal marks.

1. PHYSICAL GEOGRAPHY

A. Rivers

- (i) Name **ONE** feature of **river erosion**.

Draw a diagram of this feature.

Explain how this feature was formed.

[6]

- (ii) Examine the photograph of the Hydro-Electric Power station with its dam and lake.

Describe **ONE** advantage of dam building.

[4]

Describe **ONE** disadvantage of dam building.

[4]

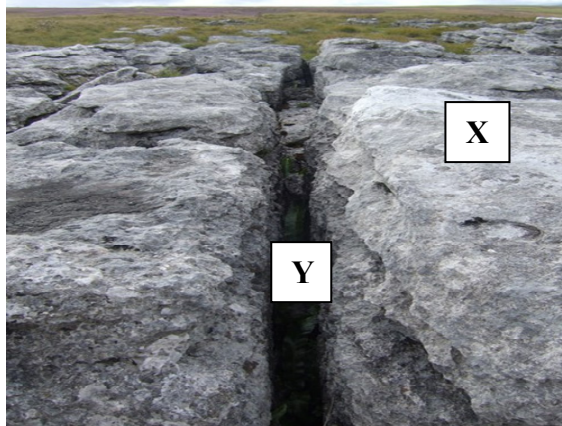


1. **PHYSICAL GEOGRAPHY (continued)**

B. Weathering in the Burren

(i) What type of rock is limestone? [2]

(ii) This picture shows limestone pavement.



What is the name given to the slabs of limestone at **X**?

What is the name given to the deep weathered gaps between them at **Y**?

[2]

(iii) Name any **TWO underground** landforms found in the Burren. [4]

C. The Burren is very attractive for tourists. Tourism brings benefits to this area but can also cause problems.

Name **ONE** benefit and explain how it helps the Burren area and the people living there.

Name **ONE** problem and explain how it is caused by tourism.

[8]

OVER →

2. THE RESTLESS ATMOSPHERE

- A. The following table shows temperature and rainfall figures for Shannon Airport. Examine the table and answer the questions below.

	Temperature and rainfall at Shannon Airport for 2008												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Temperature	7	6	7	8	14	14	15	16	13	10	8	5	°C
Rainfall	220	62	102	49	35	105	94	187	86	156	92	75	mm

(Source: Adapted from Met Éireann)

- (i) Which was the wettest month? [2]
- (ii) Which was the coldest month? [2]
- (iii) What was the annual temperature range? [2]
- (iv) Explain why the temperature is higher in the summer months. [4]
- B. Draw a labelled diagram and explain how **EITHER** relief rainfall **OR** convectional rainfall occurs. [8]
- C. The work that many people do is influenced by the weather. Name **TWO** groups of people whose work is influenced by the weather. For **EACH** group explain how the weather influences them. [12]

3. AERIAL PHOTOGRAPH and ORDNANCE SURVEY MAP

Study the aerial photograph of Carrick-on-Suir supplied with this paper.

[**HINT:** Remember - This is an oblique photograph. Therefore, you should use the correct terms e.g. left background, right middleground, centre foreground, etc.]

A. Draw a sketch map of the whole area shown on the photograph.
Mark on it and identify:

- The river
- A bridge
- Two connecting roads
- A sports ground.

[10]

B. Imagine you live in one of the houses shown in the right middleground of the photograph.

Name and explain **TWO** advantages of living there. In your answer you must use information from the photograph.

[10]

C. Answer this part of the question using the Ordnance Survey map and / or the aerial photograph.

- (i) Name and locate any **TWO** tourist attractions.
- (ii) Explain how tourists might use these attractions.

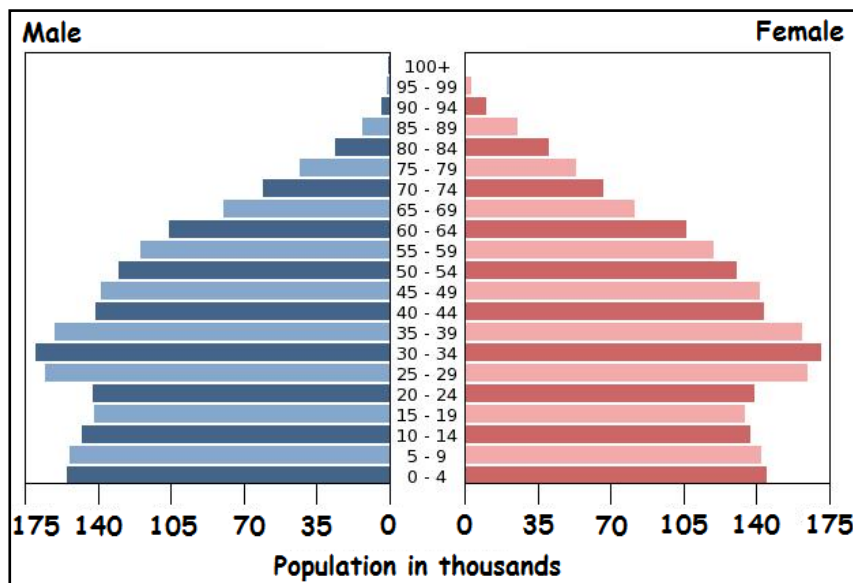
[10]

OVER →

4. A GEOGRAPHICAL MIX

Answer ANY THREE of the questions 4A, 4B, 4C, 4D.

4A. POPULATION STUDIES



Study the graph above. It shows the structure of population in an Irish town.

- (i) How many males are in the 60 – 64 age group? [2]
- (ii) Are there more females in the 60 – 64 age group or in the 30 – 34 age group? [2]
- (iii) Why would the bulge in population of people between 25 and 39 be an advantage for someone who wants to build a new factory in this town? [2]
- (iv) Name **TWO** ways in which governments use population pyramids. [4]

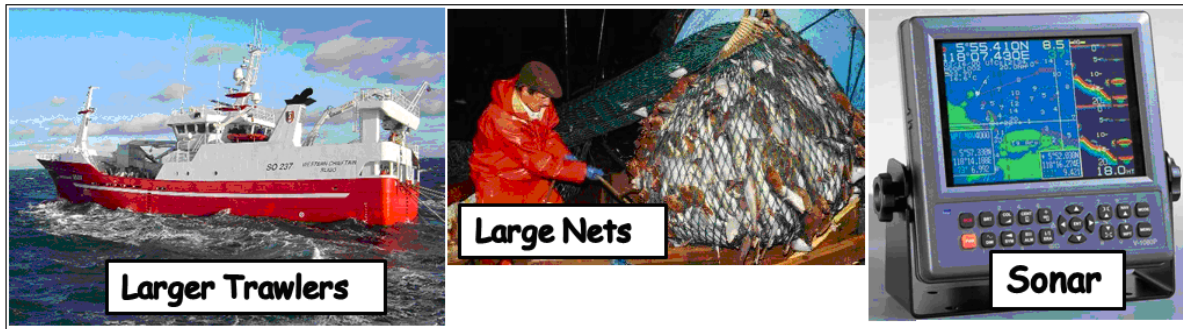
4B. UNEQUAL WORLD

Differences occur within countries and between countries which make it an unequal world.

- (i) Name and explain **TWO** reasons why there are differences between the east and west of Ireland. [4]
- (ii) Name **ONE** country you have studied in the developing world. Explain how **TWO** factors from the list below have slowed development in that country:
 - Climate change
 - Population growth
 - War
 - Unfair trade. [6]

4. A GEOGRAPHICAL MIX (continued)

4C. ECONOMIC ACTIVITY – Overfishing



(i) Explain how any **TWO** of the items shown in the photographs above have helped to cause overfishing. [4]

(ii) Describe **TWO** results of overfishing in the seas around Ireland. [6]

4D. URBAN GEOGRAPHY

(i) Name **TWO** advantages of living in a city. [2]

(ii) Choose **ONE** problem from the pictures below and describe how it could be a disadvantage for living in a city. [4]



(iii) Explain **TWO** of the following terms:

- Rush Hour
- Central Business District
- Commuter
- Pedestrian area.

[4]

OVER →

5 ORDNANCE SURVEY MAP

- A. Study the Ordnance Survey map and legend provided.

Draw a sketch map of the area shown on the Ordnance Survey map.
Mark on it and identify:

- A major river
- The built-up area of Carrick-on-Suir
- A National Primary road.
- One antiquity.

[10]

- B. Look again at the Ordnance Survey map.

- (i) “Carrick-on-Suir is an old town. It has developed at this location for a number of reasons”.

Using evidence from the map, name and describe **TWO** reasons why Carrick-on-Suir developed at this location.

[8]

- (ii) What is the distance in kilometres, in a straight line (‘as the crow flies’), between the tourist information centre at **S 401 217** and the parking area at **S 431 226**?

[3]

- C. Use the legend supplied and look at the built-up area of Carrick-on-Suir shown on the map.

Name and locate, using grid references, **THREE** services which are provided.

[9]