



**Coimisiún na Scrúduithe Stáit
State Examinations Commission**

JUNIOR CERTIFICATE EXAMINATION, 2012

GEOGRAPHY – ORDINARY LEVEL

SECTION 2 (90 marks)

FRIDAY, 8 JUNE – MORNING, 9.30 - 11.30

Note: **Section 1** of this paper is in a separate folder, where spaces are provided for your answers. Please remember to return your completed **Section 1 Folder** with your answer book.

SECTION 2 (90 MARKS)

Answer any **THREE** questions.
All questions carry equal marks.

Question 1. 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.

On your sketch map **show** and **label** each of the following:

- The River Shannon
- The built up area of Carrick-on-Shannon
- The N4 National Primary Road
- An area of mixed woodland.

[10]

- B. (i) ‘The area shown on the map has a long history of settlement.’

Name and locate, using grid references, any **TWO** different examples of historic settlement.

- (ii) Name and explain **TWO** possible ways in which the River Shannon might have influenced the development of Carrick-on-Shannon.

[10]

- C. The town of Carrick-on-Shannon provides a variety of services.

- (i) Name and locate, using grid references, **TWO** of these services.

- (ii) State how each of these services can be used by the local people.

[10]

Question 2. AERIAL PHOTOGRAPH

Study the aerial photograph of the Carrick-on-Shannon area 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.

On your sketch map **show** and **label** each of the following:

- The River Shannon
- A marina with boats
- Two connecting roads
- The Central Business District (CBD).

[10]

B. (i) Using the correct terms, name and locate **TWO** tourist attractions shown on the aerial photograph.

Apartments have been built along the river bank, in the right background of the aerial photograph.

- (ii) Describe **ONE** advantage of this location.
- (iii) Describe **ONE** disadvantage of this location.

[10]

C. You have been asked to build a shopping centre in Carrick-on-Shannon.

- (i) Using the correct terms, identify a suitable location for the shopping centre in the area shown on the aerial photograph.
- (ii) Name and explain **TWO** reasons why you chose this site.
- (iii) Suggest **ONE** possible disadvantage of this site.

[10]

Question 3. A GEOGRAPHICAL MIX

Answer **ANY THREE** of the questions **3A, 3B, 3C, 3D.**

3A. Aid to Developing Countries

	<p style="text-align: center;">Somalia Drought Appeal</p>
	<p>Somalia's worst drought for 60 years has killed thousands of people. Urgent support is needed to ensure families get the food they need to survive.</p> <p>Maryan, in the picture, has moved to a camp to get help. All her children are malnourished and she knew they would probably die if she stayed in her village.</p> <p style="text-align: right;">www.concern.net</p>

Read the information above and answer the following questions.

- (i) Explain what is meant by the term 'drought'.
- (ii) How does drought affect farmers and food production?
- (iii) Explain what is meant by the term 'malnourished'.
- (iv) What name is given to the type of aid needed when there is a drought like this?

[10]

3B. Wind

- (i) Name the weather instruments use to:
 - measure wind speed
 - show wind direction.
- (ii) Describe how weather in Ireland is affected by a northerly wind in winter.
- (iii) Wind is a renewable resource. Explain what this means.

[10]

Question 3. A GEOGRAPHICAL MIX (continued)

3C. Population Studies

This table shows the population in Irish cities in 2006 and 2011.

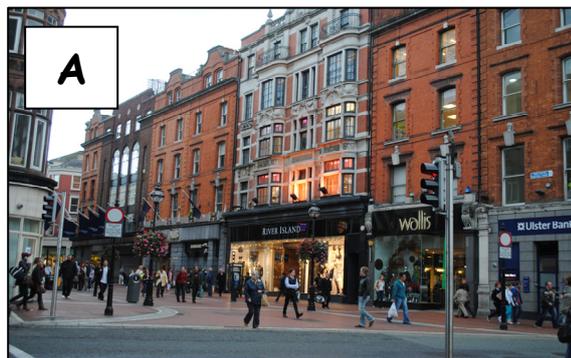
Irish Cities	2006	2011
Dublin	506,000	525,000
Cork	119,000	119,000
Galway	72,000	75,000
Limerick	60,000	57,000
Waterford	46,000	47,000

Amended from www.CSO.ie

- (i) Which city had a decrease in population?
- (ii) Which city had the no change in population between 2006 and 2011?
- (iii) What was the increase in population in Dublin between 2006 and 2011?
- (iv) Suggest **TWO** reasons for this increase in population.

[10]

3D. Urban Studies



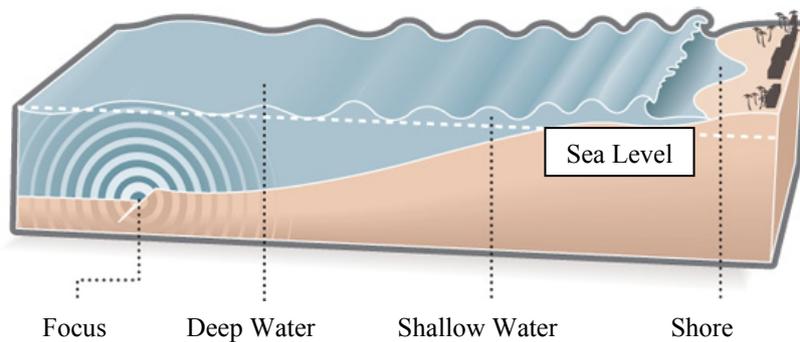
www.google.ie

- (i) The photographs above show different urban functions. Name and describe any **TWO** functions shown in the photographs.
- (ii) Name and explain **ONE** problem which could be faced by people living in a city.

[10]

Question 4. PHYSICAL GEOGRAPHY

A. Earthquakes and Tsunamis



www.usgs.gov

On March 11, 2011, a tsunami struck the coast of Japan.

- (i) Describe how an earthquake occurs, starting from the focus.
- (ii) With the help of the diagram, explain what a 'tsunami' is.
- (iii) Describe **ONE** effect of a tsunami hitting a large city.

[12]

B. River Landforms

- (i) Name **ONE** feature formed by rivers.
- (ii) Draw a diagram of the feature you have named.
- (iii) Explain how this feature was formed.

[10]

C. Rocks

- (i) Name **ONE** sedimentary rock **and** describe **ONE** use of this rock.
- (ii) Name **ONE** metamorphic rock **and** describe **ONE** use of this rock.

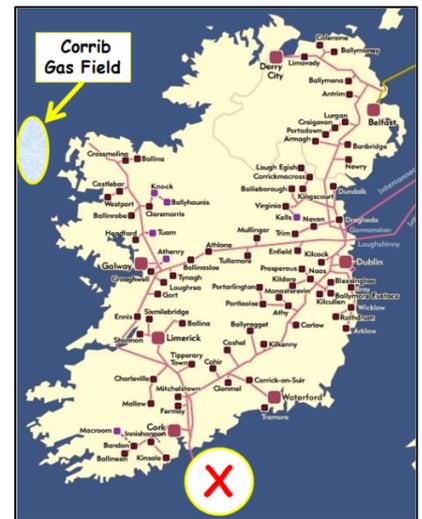
[8]

Question 5. ECONOMIC ACTIVITIES

A. Irish Oil and Gas

The map on the right shows Ireland's Natural Gas network.

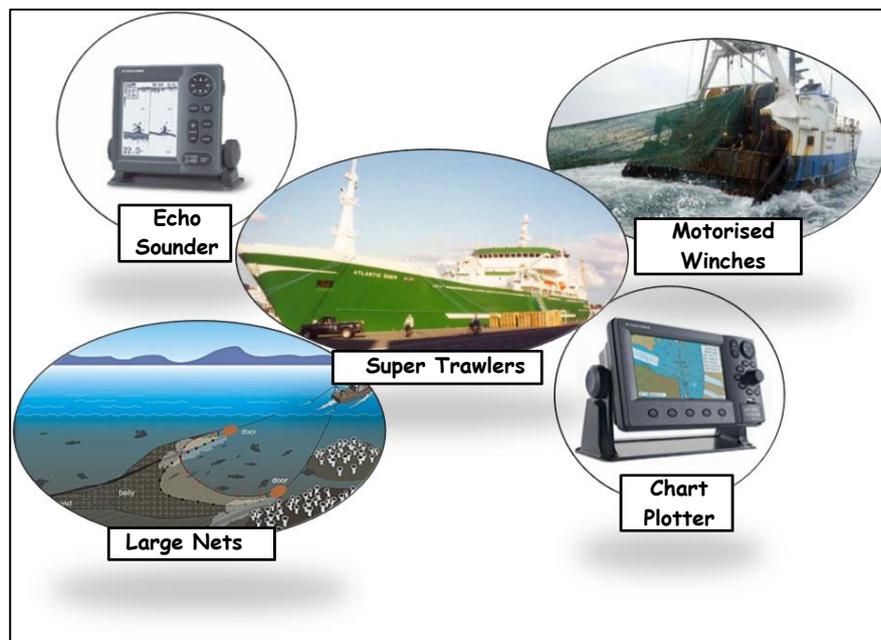
- (i) Name the gas field labeled X on the map.
- (ii) Describe **TWO** advantages of discovering oil or gas, for a country like Ireland.
- (iii) Name **TWO** ways people use oil.



www.bordgais.ie

[10]

B. Resources and Technology



- (i) Explain the term 'overfishing'.
- (ii) Explain how **THREE** of the technologies shown above have contributed to overfishing.
- (iii) Name **ONE** way to conserve fish stocks.

[10]

C. Farming as a System

- (i) With reference to a farm that you have studied, describe how farming can be described as a system with inputs, processes and outputs.
- (ii) Explain the term 'mixed farming'.

[10]

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