



**Coimisiún na Scrúduithe Stáit
State Examinations Commission**

JUNIOR CERTIFICATE EXAMINATION, 2012

GEOGRAPHY – HIGHER LEVEL

SECTION 2 (90 marks)

FRIDAY, 8 JUNE – MORNING, 9.30 - 11.30

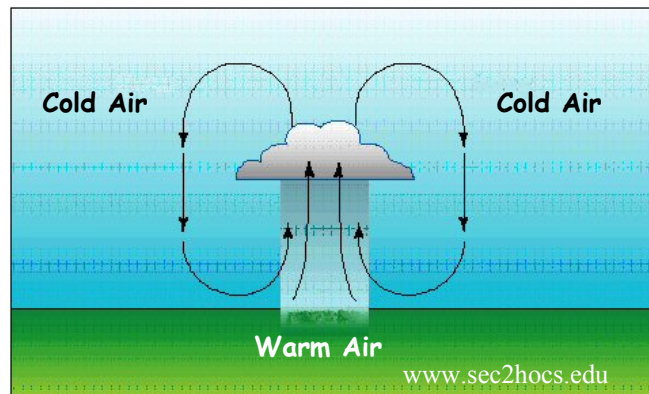
Note: **Section 1** of this paper is in a separate folder, where spaces are provided for your answers. Please remember to return your completed **Section 1 Folder** with your answer book.

SECTION 2 (90 marks)

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

Question 1. THE EARTH'S SURFACE AND OUR PLANET

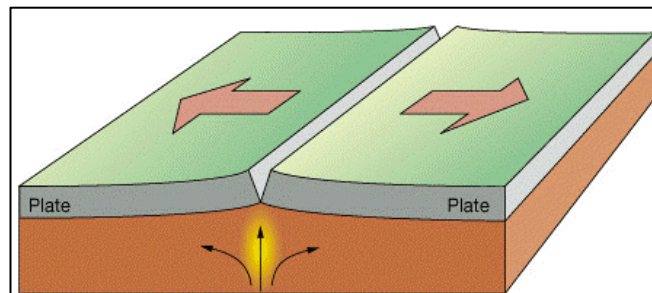
A. Rainfall



- (i) Name the type of rainfall shown in the diagram above.
- (ii) Describe how this type of rainfall occurs.

(10)

B. Plate Tectonics – Volcanoes



- (i) Name **one** example of a volcano.
- (ii) With reference to the diagram above explain how volcanoes occur.

(10)

C. Weathering

With the aid of a labelled diagram(s), explain how frost action occurs.

(10)

Question 2. RIVERS AND NATURAL RESOURCES

A. River Feature

Name **one** feature formed by **river erosion** and explain with the aid of a labelled diagram, how it was formed.

(10)

B. Water Supplies



- (i) What is the term given to the artificial watering of crops as shown above?
- (ii) Name **one** such scheme that you have studied.
- (iii) Explain **one** advantage of this scheme.
- (iv) Explain **one** disadvantage of this scheme.

(10)

C. Fishing

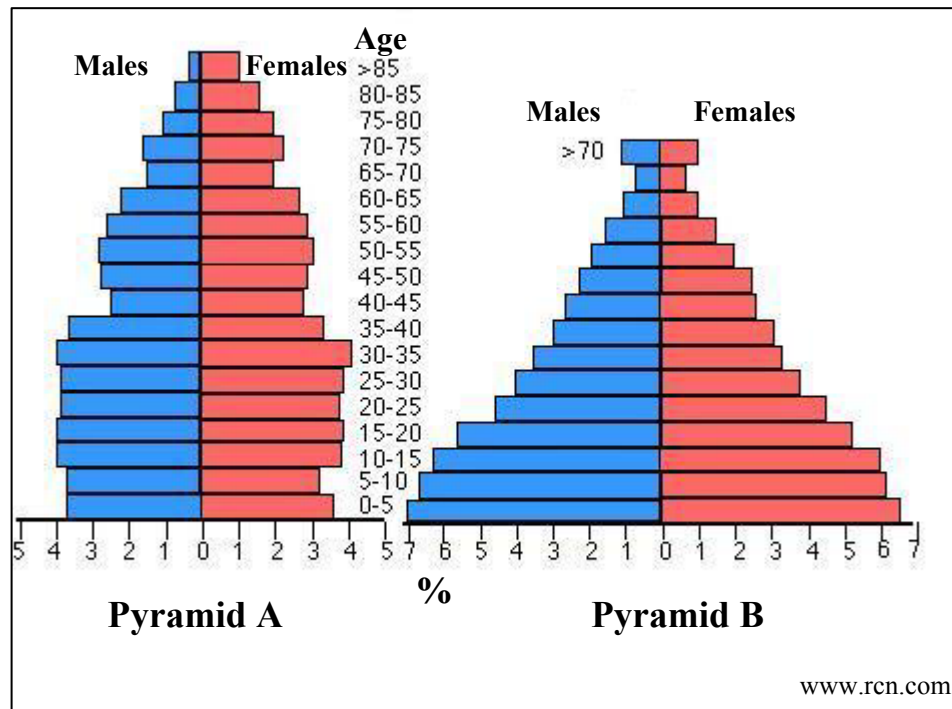
- (i) Name **two** Irish fishing ports.
- (ii) Explain **two** reasons for overfishing.
- (iii) Describe **two** measures that can be used to conserve fish stocks.

(10)

Question 3. GEOGRAPHICAL MIX

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

3A. Population Pyramids



- (i) Name **one** country with a population structure similar to Pyramid A.
 - (ii) Name **one** country with a population structure similar to Pyramid B.
 - (iii) Explain **one** reason why Pyramid B has a wider base than Pyramid A.
 - (iv) Name **two** uses of population pyramids.
- (10)

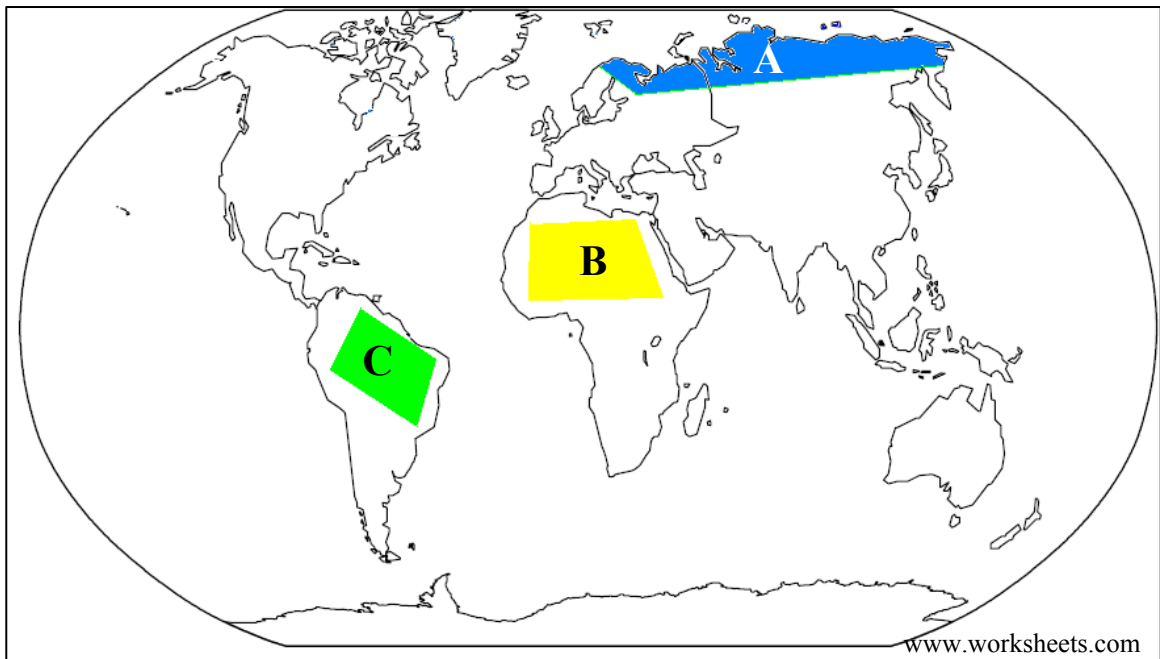
3B. Aerial Photograph

Examine the aerial photograph accompanying this paper.

- (i) Using the correct terms (right background etc.) identify and locate a suitable site for an hotel.
 - (ii) Explain **two** reasons why this site would be a suitable location for an hotel.
- (10)

Question 3. GEOGRAPHICAL MIX (continued)

3C. World Climates



Examine the map above which shows the location of three of the world's climatic regions.

- (i) Name the type of climate at each of the locations **A**, **B**, and **C**.
- (ii) Explain the characteristics of any **one** climate type that you have studied.

(10)

3D. Energy

- (i) Name **one** example of renewable energy.
- (ii) Explain any **two** physical (natural) factors that are required for the generation of energy using the renewable energy source named in part (i) above.
- (iii) Explain **one** advantage of renewable energy.

(10)

Question 4. URBANISATION, ECONOMIC ACTIVITY AND DEVELOPMENT

A. World Cities

- (i) Name **one** city with a high population density, that you have studied.
 - (ii) Describe and explain **two** problems experienced as a result of the high population density, in the city named in part (i) above.
- (10)

B. Industrial Activity

- (i) Explain **one** impact of industrial activity on the environment.
 - (ii) Explain how the role of women in industry has changed over time.
- (10)

C. Unequal World

Unequal World – ‘North / South’ Divide



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‘Levels of economic development are unequal throughout the world.’

- (i) Explain **three** reasons why the level of economic development is lower in the ‘south’.
 - (ii) Name **two** ways in which this can be addressed.
- (10)

Question 5. ORDNANCE SURVEY MAP AND AERIAL PHOTOGRAPH

A. Examine the **ORDNANCE SURVEY MAP** 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 features:

- The railway line
- The built up area of Carrick-on-Shannon
- An area of natural woodland
- The River Shannon.

(10)

B. ‘The area shown on the Ordnance Survey map has a long history of settlement.’

Name, locate and explain, using six-figure grid references, any **two** examples of historic settlement on the map.

(8)

C. With reference to the **ORDNANCE SURVEY MAP** and **AERIAL PHOTOGRAPH** provided, explain **three** reasons why Carrick-On-Shannon (and the surrounding area on the map) is an important tourist destination.

(12)

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