



**Coimisiún na Scrúduithe Stáit
State Examinations Commission**

JUNIOR CERTIFICATE EXAMINATION, 2009

GEOGRAPHY – ORDINARY LEVEL

SECTION 2

FRIDAY, 5 JUNE - AFTERNOON, 2.00 to 4.00

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.

OVER →

SECTION 2 (90 MARKS)

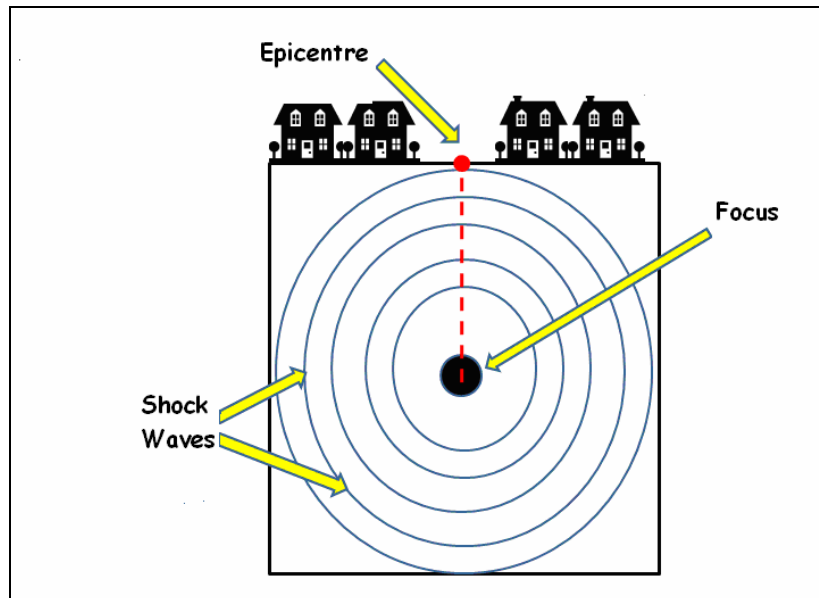
Answer **THREE** questions.
All questions carry equal marks.

1. SHAPING THE EARTH'S SURFACE

A. Landforms

- (i) Name **ONE** landform formed by **Coastal OR Glacial erosion**.
Describe with the aid of diagrams, how it was formed [6]
- (ii) Name **ONE** landform formed by **Coastal OR Glacial deposition**.
Describe with the aid of diagrams, how it was formed [6]

B. Earthquakes



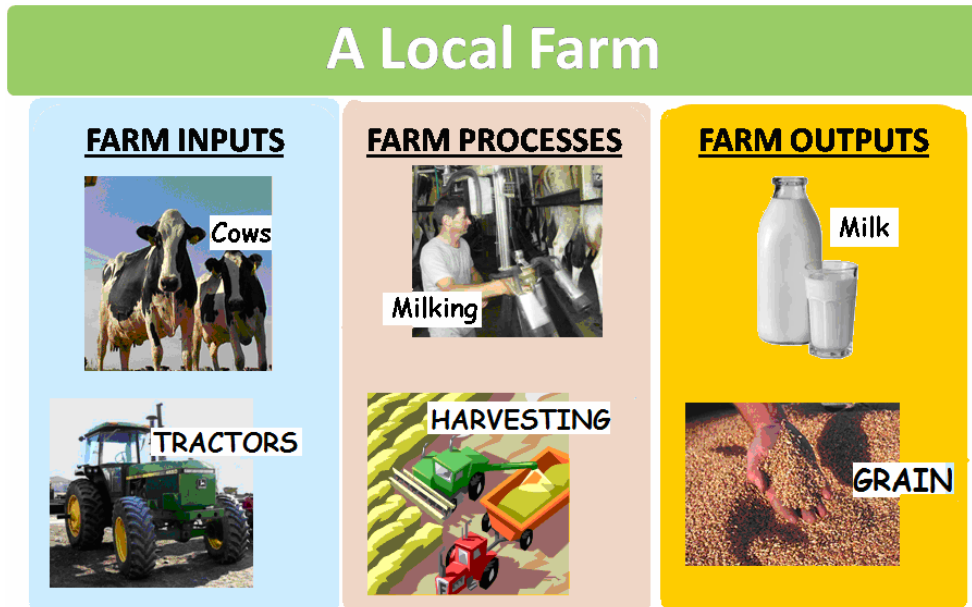
- (i) Examine the diagram. With the help of the terms shown on the diagram describe what happens during an earthquake. [6]
- (ii) Name **ONE** place in the world where earthquakes often happen. [2]
- (iii) Name **TWO** results of an earthquake hitting a large city. [4]

C. Extracting Rocks

- (i) Name any **TWO** rocks. [2]
- (ii) Rocks (Stone) have many good uses for people.
Describe **ONE** use of each rock you named. [4]

2. ECONOMIC ACTIVITIES

A. Farming as a System



With reference to the diagrams above, explain how **FARMING** works as a system with Inputs, Processes and Outputs. [12]

B. Energy Resources – Oil and Gas

- (i) Explain the term **non-renewable resource**. Name **ONE** example. [3]
- (ii) Name **TWO** uses of oil in everyday life. [2]
- (iii) Describe **ONE positive** effect and **ONE negative** effect of finding a large oil or natural gas field off the coast of Ireland. [4]

Question 2C is on the next page.

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2. ECONOMIC ACTIVITIES *continued*

C. Tourism



- (i) With the help of the photographs above from the Discover Ireland web site, describe **TWO** tourist attractions / activities available in Ireland. [6]
- (ii) Describe **ONE** way in which tourism has helped your local area. [3]

3. ORDNANCE SURVEY MAP

- A.** Study the Ordnance Survey map supplied with this paper.
Draw a sketch map of the area shown on the Ordnance Survey map.
Mark on it and identify:
- The coastline
 - The built-up area of Wicklow
 - The N11 National Primary Road
 - The railway line
- [10]
- B.** Look again at the Ordnance Survey map supplied.
- (i) Measure the distance in kilometres along the N11 road from the Junction with the R772 at **T 282 962** to the northern edge of the map. [4]
- (ii) Using the map name **TWO** services found in the built-up area of Wicklow. [4]
- C.** It has been proposed to build an hotel on Bride's Hill (T 33 92).
Using evidence from the map describe **ONE** advantage and **ONE** disadvantage for building the hotel here. [12]

OVER →

4. **AERIAL PHOTOGRAPH – Wicklow**

Study the aerial photograph of Wicklow 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 area shown on the photograph. Mark on it and identify:
- The coastline
 - A river
 - A bridge
 - A residential area. [10]
- B. Imagine you are the owner of a large company. You have decided to locate one of your factories in this area.

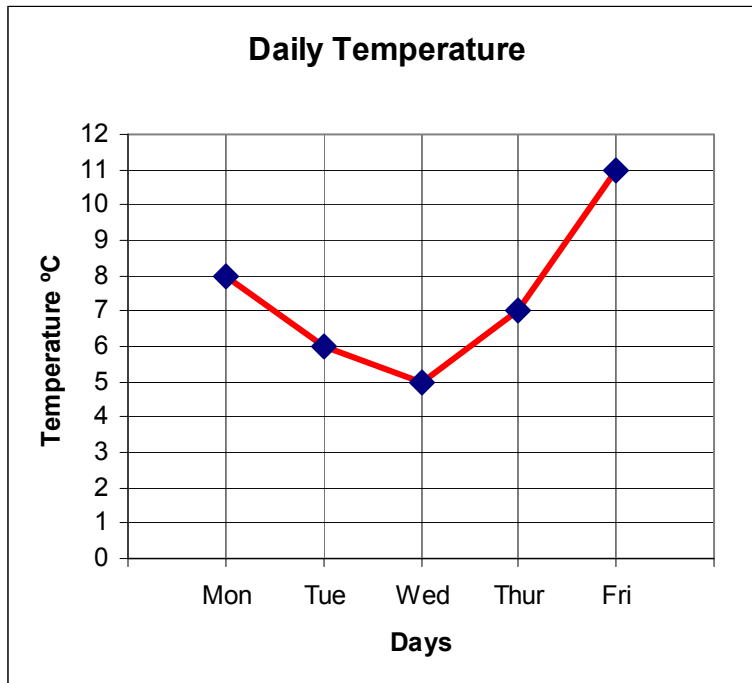
Using evidence from the Aerial Photograph:

- (i) Identify **ONE** site you think would be suitable for building a Factory. [2]
- (ii) Describe **TWO** reasons why you chose this site. [6]
- (iii) Name **ONE** objection that might be raised against the factory. [2]
- C. Using evidence from the aerial photograph, explain **TWO** reasons why the town of Wicklow developed at this location. [10]

5. A GEOGRAPHICAL MIX

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

5A. Temperature



The graph above shows temperature readings taken at a school for a week.

- (i) Which day had the highest temperature? [2]
- (ii) Which day had the lowest temperature? [2]
- (iii) What was the Temperature Range (*difference in temperature*) for the week? [2]
- (iv) Explain why places near the Equator are **hotter** than places near the Poles. (If it helps, you can draw a diagram as part of your answer.) [4]

OVER →

5. A GEOGRAPHICAL MIX *continued.*

5B. Aid to Developing Countries

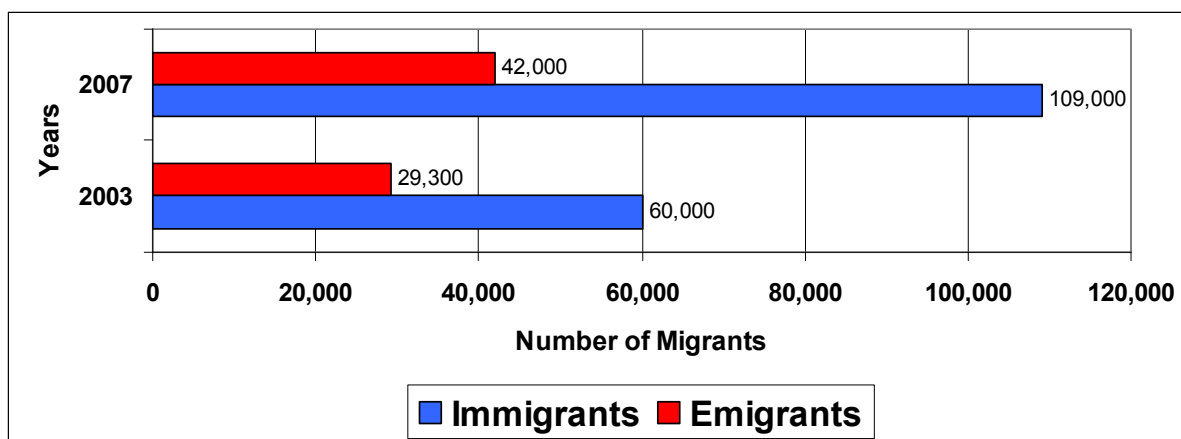
	<h2>Irish Aid helps provide clean water in Mozambique</h2> <p>Before the water pump in the village was built, the people had to walk an hour each way to the nearest lake for water. Louisa (in the photo) a mother of three children, often had to make three trips a day with heavy buckets.</p> <p>Access to clean water in the villages in this part of Mozambique improved from 24% in 2001 to over 73% in 2007</p>
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(Source: www.irishaid.gov.ie)

- (i) With the help of the information given above, explain what you understand by the term “**Bi-lateral Aid**”. [3]
- (ii) How did the situation improve for the water supply in the village between 2001 and 2007? [3]
- (iii) Imagine you are on a visit to this village. Briefly describe **TWO** things that might be different from home. [4]

5. A GEOGRAPHICAL MIX *continued.*

5C. People on the Move – Migration



(Source: Population and Migration Estimates, CSO, 2007)

- (i) Calculate the increase in immigrants coming into Ireland between 2003 and 2007. [2]
- (ii) Explain **TWO** Push factors (reasons why people might leave their own country). [4]
- (iii) Explain **TWO** Pull factors (reasons why people might come to live in Ireland). [4]

5D. Our Environment



- (i) Explain **TWO** causes of Global Warming. [6]
- (ii) Name **TWO** possible effects of Global Warming. [4]

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