



**Coimisiún na Scrúduithe Stáit
State Examinations Commission**

JUNIOR CERTIFICATE EXAMINATION, 2006

GEOGRAPHY – ORDINARY LEVEL

SECTION 2

MONDAY, 12 JUNE - AFTERNOON, 1.30 TO 3.30

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

1. SHAPING THE EARTH'S SURFACE

- A.** Name **two** features of Coastal Erosion **and two** features of Coastal Deposition

OR

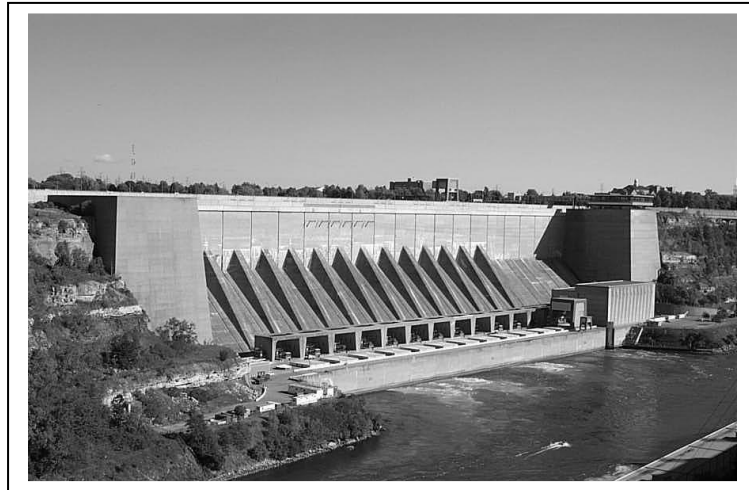
Name **two** features of Glacial Erosion **and two** features of Glacial Deposition

[8]

- B.** (i) Draw a diagram of **one** feature of River Erosion. Explain how this feature is formed.
- (ii) Draw a diagram of **one** feature of River Deposition. Explain how this feature is formed.

[12]

C. Humans and Rivers



Rivers have always been useful to humans. This photo shows a picture of a Hydro Electric Power (H.E.P.) station.

Describe **one** advantage **and one** disadvantage of building H.E.P. stations.

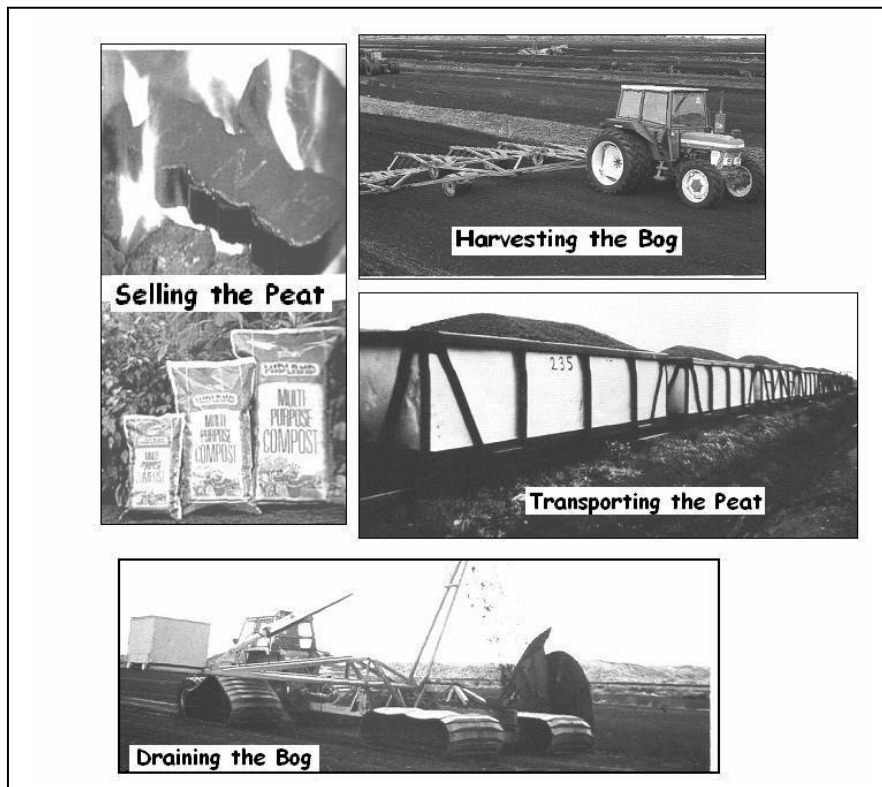
[10]

2. EXPLOITING NATURAL RESOURCES

A. Peat Bogs

- (i) Explain the difference between **Renewable Resources** and **Non-renewable Resources** and name **one** example of each. [5]
- (ii) Name **two** types of bog found in Ireland [2]

B. Stages in the Harvesting of Bogs & Newer Technology



- (i) Arrange the stages shown above in their **correct order** in your answer book [4]
- (ii) Name **one** type of machine used in exploiting bogs **and** explain how it is used. [5]

C. Over-fishing

Over-fishing has led to a shortage of fish in many sea areas.

Bigger Boats	Radar
Larger Nets	Cranes

- (i) Explain how any **three** of the items named in this box have helped to cause over-fishing. [6]
- (ii) Use an example which you have studied in order to describe **two** results of over-fishing in the seas **around Ireland**. [8]

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:
- A river
 - The built-up area of a town
 - A wooded area
 - A National Primary Road
 - One tourist attraction
- [12]
- B. Look again at the Ordnance Survey map supplied.
- (i) Measure the distance in kilometres along the N72 road from the Caravan Park at **V 916 921** to Beaufort Bridge at **V 882 926**. [4]
- (ii) Describe **three** tourist activities or attractions, which can be seen on this map. [6]
- C. It has been decided to build a factory at **V 962 919**, near the junction at Ballydribbeen.
Using information from the map, explain **two** reasons for the choice of this site. [8]

4. AERIAL PHOTOGRAPH – KILLARNEY

Study the Aerial photograph of Killarney supplied with this paper.

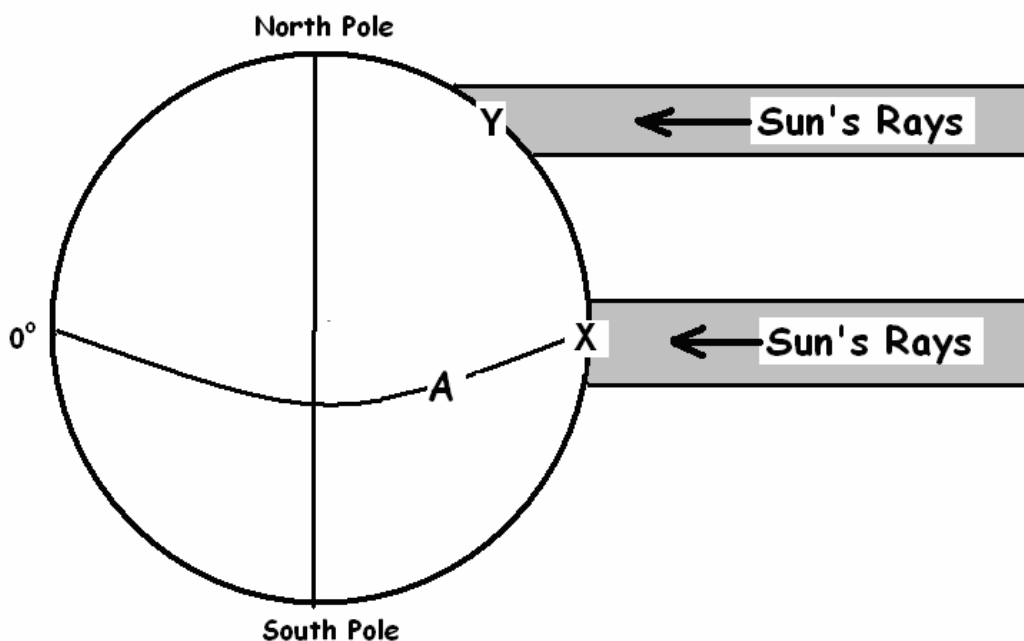
[**HINT:** Remember – This is an **oblique photograph**. Therefore, you should use the correct terms: e.g. Left Background, Right Foreground etc.]

- A. Draw a sketch map of Killarney town. On your sketch map, mark and identify:
- **Two** connecting streets
 - The main business area of the town (Central Business District)
 - **One** large car park.
- [10]
- B. Imagine you are on Killarney Town Council and a meeting is discussing the investment of money to improve the town. Describe **two** things you would suggest. Use as much detail from the photograph as possible. [8]
- C. Name **and** locate **three** services provided by the town of Killarney. [12]

5. A GEOGRAPHICAL MIX

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

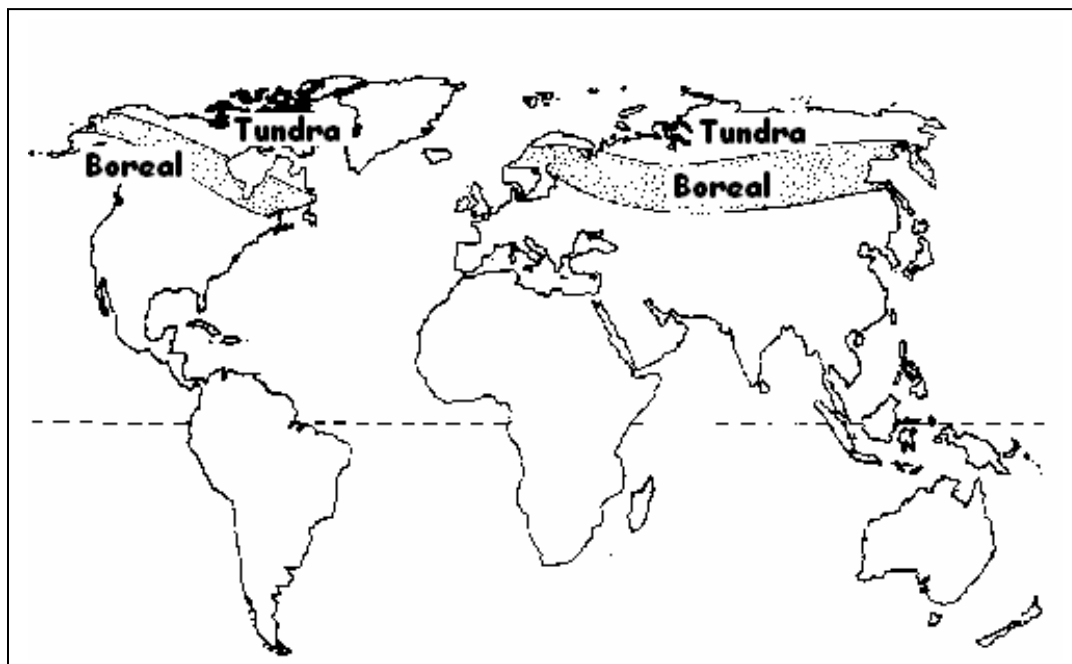
5A. Restless Atmosphere



Study this diagram carefully. It shows how the sun heats the Earth.

- (i) Name the line of Latitude marked A [2]
- (ii) Describe why the heating effect of the sun is different at X and Y. [6]

This Map shows Boreal and Tundra Climate types



- (iii) Name **one** region which has **either** a boreal climate **or** a tundra climate. [2]

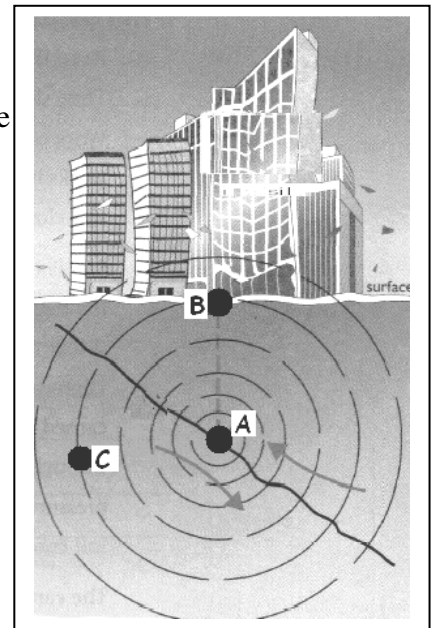
5. A GEOGRAPHICAL MIX continued

5B. Earthquakes

(i) Describe how an earthquake occurs, with reference to the diagram:

- A is the Focus
- B is the Epicentre
- C are Shock-waves

[6]



(ii) A *Tsunami* struck the countries around the Indian Ocean on the 26th of December, 2004

These photos were taken from a satellite in space.

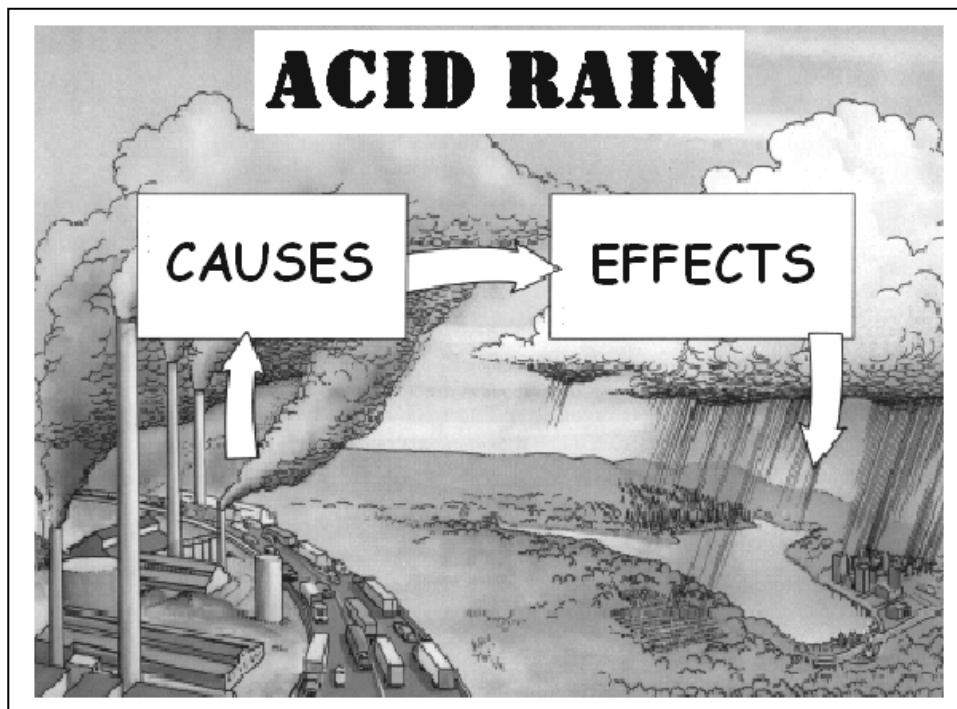
They show the town of Banda Aceh in Indonesia before the *Tsunami* struck **and** after the *Tsunami* struck.

Explain what a *Tsunami* is.

[4]

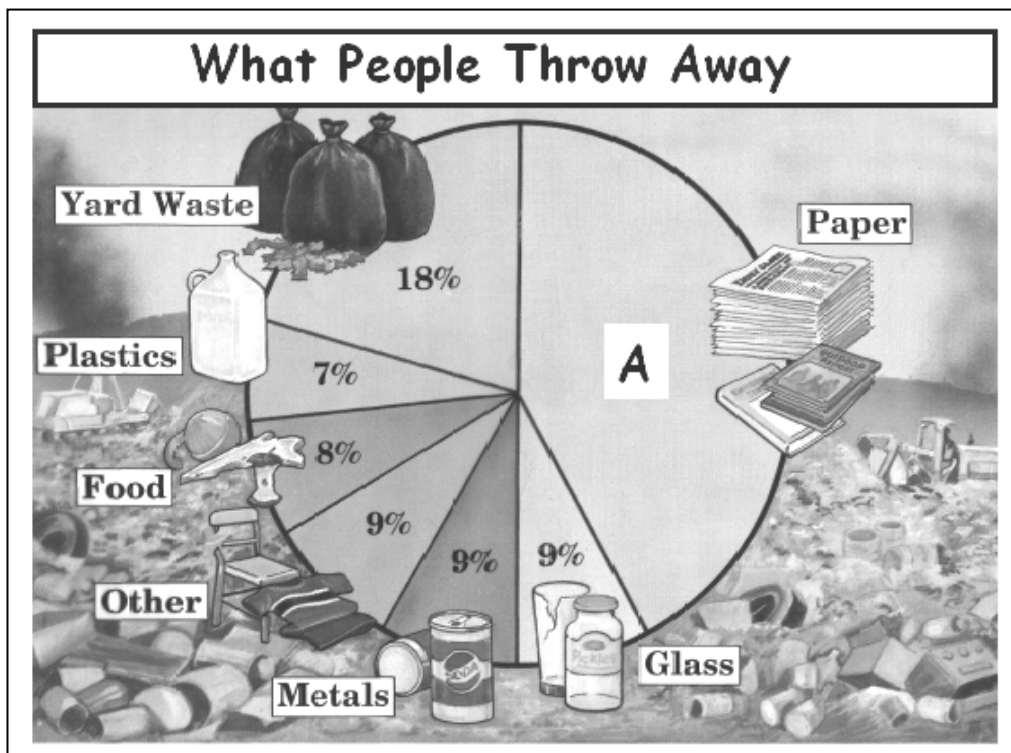
5. A GEOGRAPHICAL MIX continued

5C. Protecting our Environment



(i) Using this picture, explain **one** cause and **one** effect of Acid Rain.

[6]



(ii) Study this Pie Chart – which shows the **different types of waste** which people throw away.

Calculate as a percentage, how much of this waste is **paper**.

[2]

(iii) Name **two** things shown in this picture that are sent for recycling by your home or school.

[2]

5. A GEOGRAPHICAL MIX *continued*

5D. An Unequal World



Bucchi Italy

(i) Describe what you think is the message in this cartoon. [4]

(ii) Explain why **Developing Countries** find it difficult to become richer.

Use the following hints to help you with your answer:

- Trade with developed countries
- Climate
- Population

[6]