



**Coimisiún na Scrúduithe Stáit  
State Examinations Commission**

**JUNIOR CERTIFICATE EXAMINATION, 2013**

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**GEOGRAPHY – ORDINARY LEVEL**

**SECTION 2 (90 marks)**

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**FRIDAY, 7 JUNE – MORNING, 9.30 - 11.30**

**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**

Study the Ordnance Survey map of Enniscorthy and the legend supplied with this paper.

**A.** 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 Slaney
- The built up area of Enniscorthy
- An area of Natural Woodland
- The N11 National Primary Road.

[10]

**B.** “Enniscorthy is an old town. It developed at this location for a number of reasons.”

Using grid references, explain **THREE** reasons why Enniscorthy developed at this location.

[12]

**C.** There is an Industrial Estate on the eastern side of the N11 at **S 977 419**.

- (i) Explain **TWO** reasons why industrial estates are usually built on the edge of large towns.
- (ii) Name any **TWO** services which are available for factory workers in the built up area of Enniscorthy.

[8]

## Question 2. AERIAL PHOTOGRAPH

Study the aerial photograph of Enniscorthy supplied with this paper.

[NOTE: Remember - this is an oblique photograph. Therefore, you must use the **correct terms** e.g. left background, right foreground, etc.]

A. Draw a sketch map of the whole area shown on the aerial photograph.

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

- A river
- A bridge for cars
- **TWO** connecting streets
- A church with a spire.

[10]

B. Using the correct terms, name and give the location of **TWO** land-uses in the town of Enniscorthy and describe each land-use.

[8]

C. You have been asked to build a new school in Enniscorthy.

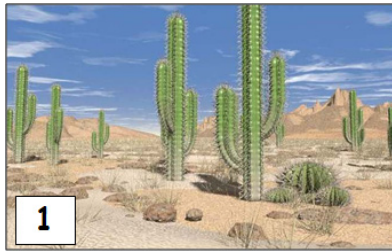
- (i) Using the correct terms, identify a suitable site for the school on the area shown on the aerial photograph.
- (ii) Explain **TWO** reasons why you chose this site.
- (iii) Suggest **ONE** disadvantage of this site.

[12]

### Question 3. A GEOGRAPHICAL MIX

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

#### 3A. Climate Types



www.wikispaces.com

The photographs above show vegetation in three different hot climate areas.

- (i) Name **ONE** hot climate that you have studied and describe this hot climate.
- (ii) Describe the vegetation resulting from this hot climate.
- (iii) Name **ONE** way in which this climate affects people.

[10]

#### 3B. Economic Inequality



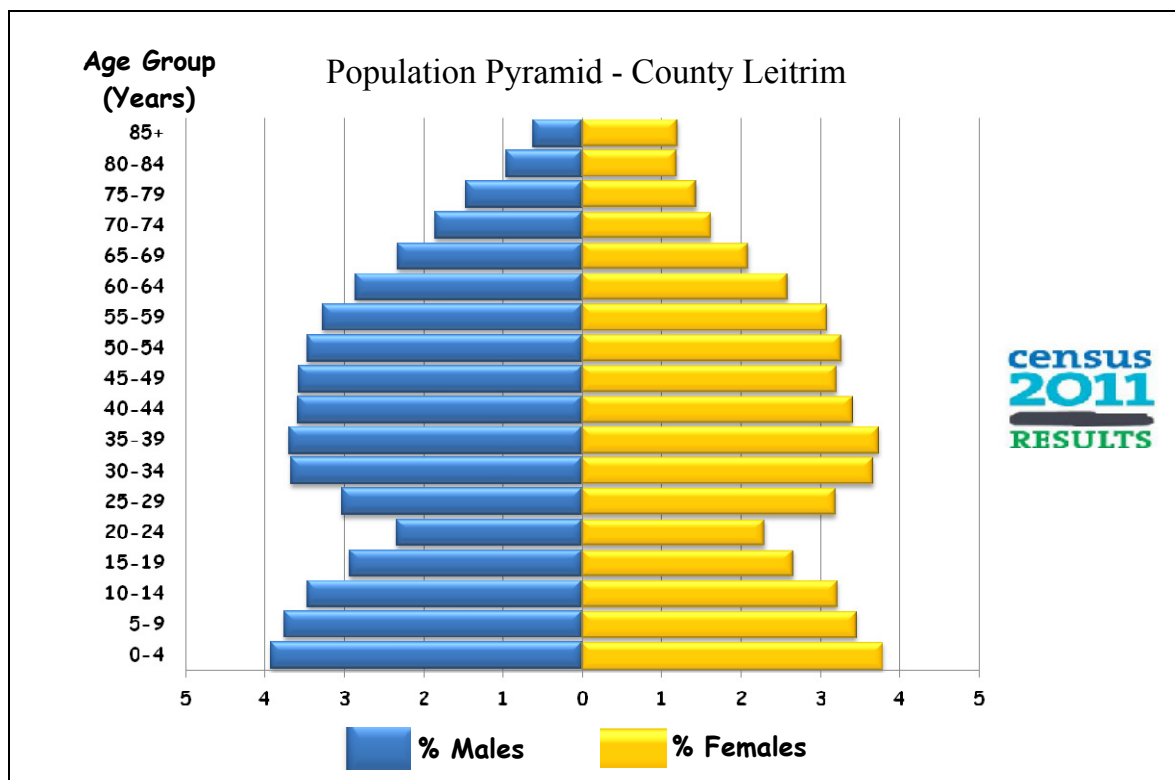
www.gatewayonline.com, www.omiusajpic.org, www.guardian.co.uk

- (i) Name a developing country that you have studied.
- (ii) Explain how any **THREE** of the factors shown in the pictures above have slowed the development of this country.

[10]

Question 3. A GEOGRAPHICAL MIX (continued)

3C. Population Studies



Study the population pyramid above showing the structure of population in County Leitrim at the 2011 Census.

- (i) What percentage of males were in the 80 – 84 year age group?
- (ii) Which age group had more males, the 80 – 84 year age group or the 30 – 34 year age group?
- (iii) There was a small percentage of males and females in the 20 – 24 year age group.  
What might this tell us about migration in County Leitrim?
- (iv) Name **TWO** ways in which information from the Census of Population can be used.

[10]

3D. Rivers

- (i) Name **ONE** feature formed by rivers.
- (ii) With the aid of a diagram explain how this feature was formed.
- (iii) State **TWO** ways people use rivers.

[10]

#### Question 4. ECONOMIC GEOGRAPHY

##### A. Traffic in an Irish City

Time Period	9 a.m. to 10 a.m.	11 a.m. to 12 noon	2 p.m. to 3 p.m.	5 p.m. to 6 p.m.
No. Bicycles	20	8	17	23
No. Cars	403	350	260	578
No. Trucks	79	58	35	89

The table above shows the results of a traffic survey carried out by a group of students.

- (i) What was the number of trucks counted between 9 a.m. and 10 a.m.?
- (ii) What was the total number of bicycles counted during the survey?
- (iii) State **ONE** reason for the larger number of cars counted between 5 p.m. and 6 p.m.
- (iv) Explain **TWO** solutions to traffic congestion.

[10]

##### B. Economic Activities

- (i) Some economic activities may be studied as systems, with inputs, processes and outputs.

With reference to a farm **or** a factory that you have studied, name **TWO** inputs, **TWO** processes and **TWO** outputs.

- (ii) Explain any **TWO** of the following:
  - Footloose industry
  - Mixed farm
  - Raw materials
  - Markets.

[10]

## Question 4. ECONOMIC GEOGRAPHY (continued)

### C. Tourism



[www.discoverireland.ie](http://www.discoverireland.ie)

[www.irishrail.ie](http://www.irishrail.ie)

- (i) Name **ONE** Irish tourist region that you have studied and describe **TWO** reasons why tourists are attracted to this region.
- (ii) Describe **ONE** way in which tourism can have a negative effect on a region.
- (iii) Explain **ONE** way in which tourism can help to improve transport and communication links in a region.

[10]

## Question 5. PHYSICAL GEOGRAPHY

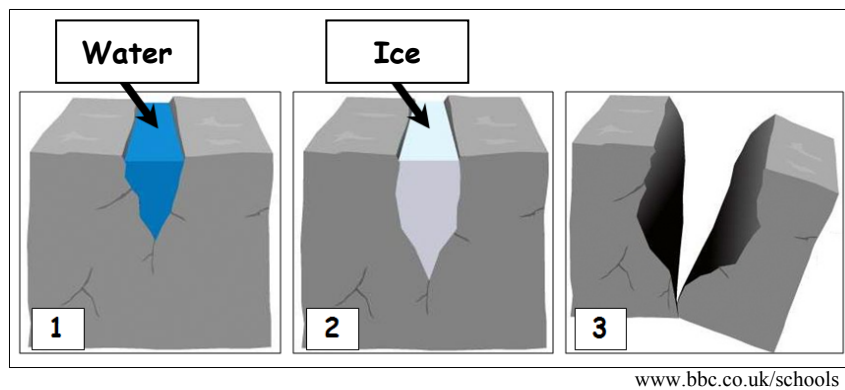
### A. Rocks

There are three major rock groups: **Igneous**, **Sedimentary** and **Metamorphic**.

- (i) Name **ONE** rock from each group.
- (ii) Choose any **ONE** rock that you have named and describe how it is formed.
- (iii) State **TWO** uses of this rock.

[11]

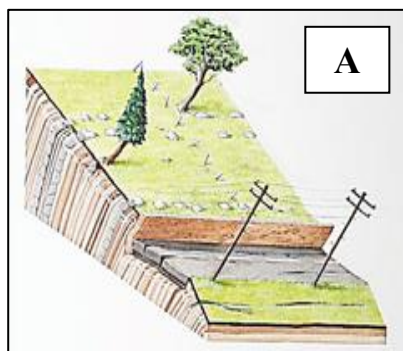
### B. Weathering



- (i) With the aid of the diagrams above explain how rocks are weathered by freeze-thaw (frost shattering).
- (ii) Explain the term scree.

[9]

### C. Mass Movement



Mass movement can be either slow or fast.

- (i) Name **each** type of mass movement shown in the pictures **A** and **B** above.
- (ii) Choose any **ONE** type of mass movement and explain how it happens.

[10]