



Coimisiún na Scrúduithe Stáit State Examinations Commission

JUNIOR CERTIFICATE EXAMINATION, 2017

GEOGRAPHY – ORDINARY LEVEL

SECTION 2 (90 marks)

FRIDAY 9 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 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 built up area of Macroom
- A reservoir lake
- The River Lee
- The N22 National Primary Road.

(10)

B. The town of Macroom 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.

(8)

C. Explain **THREE** reasons why the town of Macroom developed at this location, using evidence from the Ordnance Survey map to support each reason.

(12)

Question 2. AERIAL PHOTOGRAPH

Study the aerial photograph of Macroom supplied with this paper.

NOTE: Remember - this is an oblique aerial photograph. Therefore, you must use the **correct terms**, such as left background, right foreground, etc.

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

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

- **TWO** connecting streets
- The river
- The bridge
- A playing field.

(10)

B. It is proposed to build a new hotel and leisure complex in the area covered by the aerial photograph.

- (i) Using the correct term (left foreground etc.), identify a suitable site for this hotel and leisure complex.
- (ii) Using evidence from the aerial photograph, explain **TWO** reasons why you selected this site.
- (iii) Suggest **ONE** possible objection to this site.

(10)

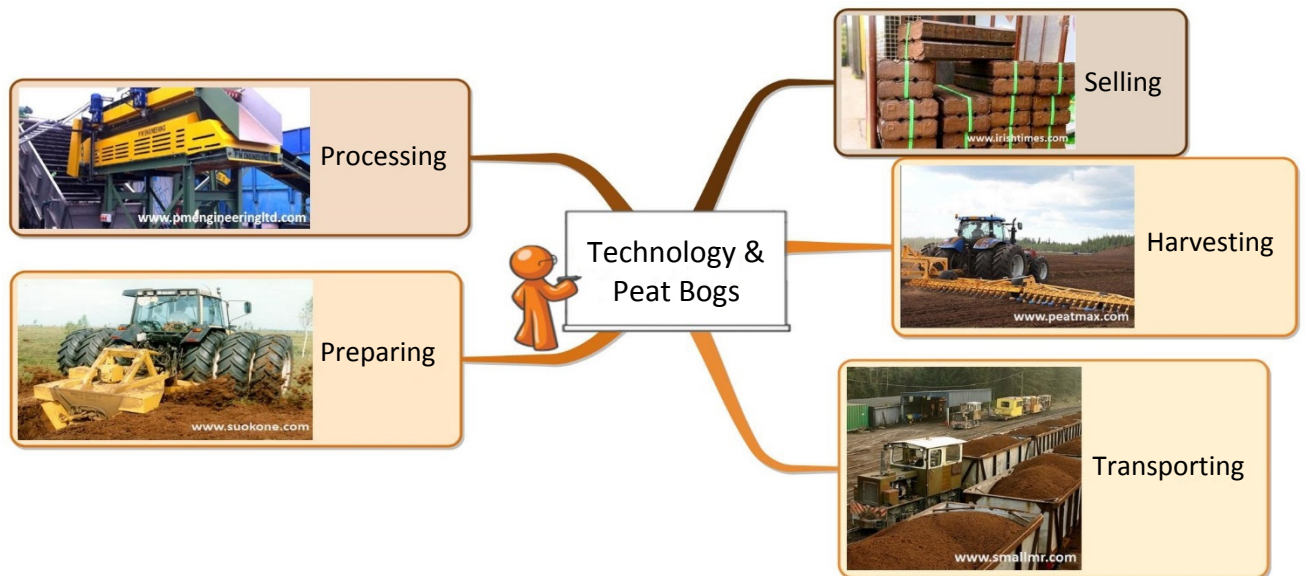
C. Look carefully at the streets on the aerial photograph.

- (i) Using the correct term (left foreground etc.), give **ONE** specific location on the aerial photograph where traffic congestion might occur in Macroom.
- (ii) Explain **ONE** reason why traffic congestion might occur at this location.
- (iii) Describe **TWO** ways by which the local council could reduce traffic congestion in Macroom.

(10)

Question 3. ECONOMIC GEOGRAPHY

A. Resources and Technology



Examine the information above.

- (i) Describe **THREE** ways that technology (machines) has increased the amount of peat that is extracted (removed).
- (ii) Describe **ONE** possible use of bogs after the peat has been removed.

(8)

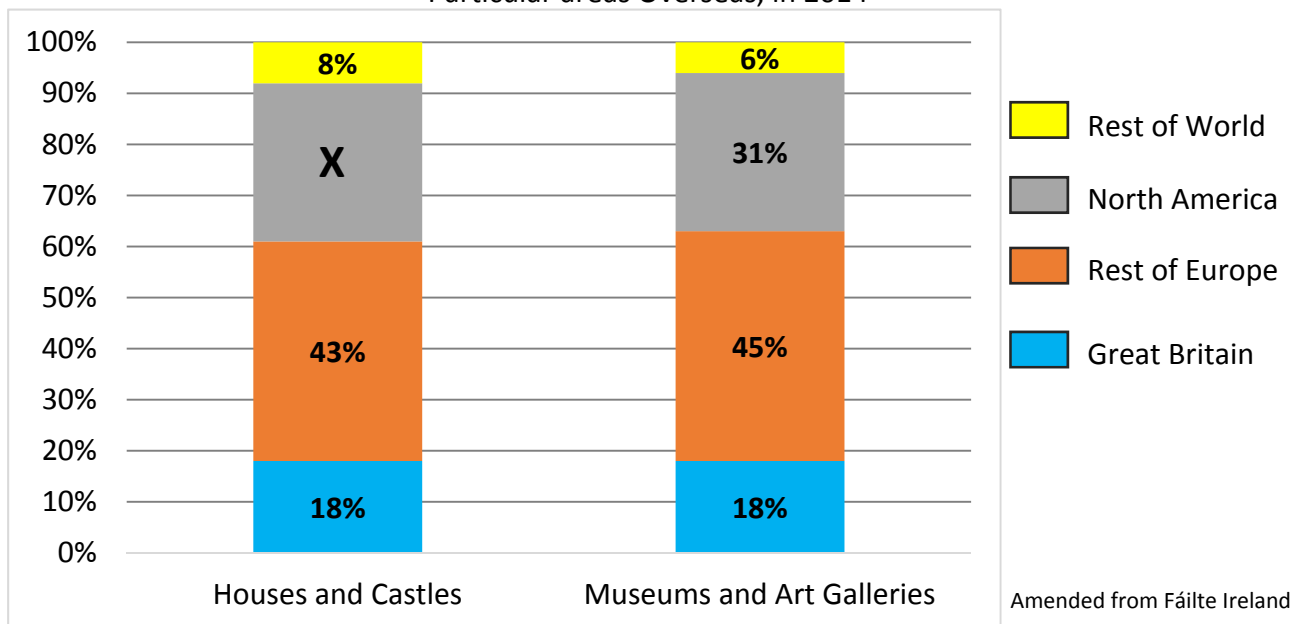
B. Manufacturing Industry

- (i) Name **ONE** factory that you have studied **and** state where it is located.
- (ii) Explain **TWO** reasons why the factory that you named in part (i) developed at this location.
- (iii) Name **ONE** Input and **ONE** Output of the factory that you named.

(12)

C. Tourism

Percentage of Visits to Selected Cultural Activities by Tourists to Ireland from Particular areas Overseas, in 2014



Study the chart above. It shows the percentage of visits to selected cultural activities by tourists to Ireland from particular areas overseas in 2014.

- (i) What percentage of visits to Museums and Art Galleries were by tourists from Great Britain?
- (ii) What percentage of visits to Houses and Castles were by tourists from the Rest of Europe?
- (iii) Calculate **X**, the percentage of visits to Houses and Castles by tourists from North America.
- (iv) Explain **ONE** way in which tourism can have a negative effect on a region.
- (v) Explain **ONE** way in which tourism can help to improve transport and communication links in a region.

(10)

Question 4. GEOGRAPHICAL MIX

Answer **ANY THREE** of the questions **4A, 4B, 4C, 4D.**

4A. Migration



- (i) With the help of the photographs above, explain **TWO** push factors that influence migration.
- (ii) Explain **TWO** effects on the West of Ireland of people migrating to urban areas such as Dublin.

(10)

4B. Economic Inequality

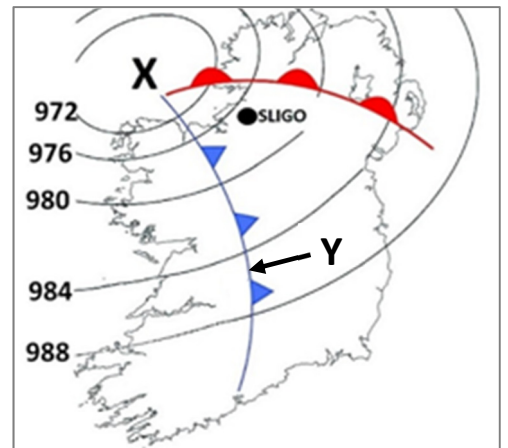
- (i) Name **ONE** developing country that you have studied.
- (ii) Explain how any **THREE** of the factors listed below have slowed the development of this country:
- Climate change
 - Population growth
 - Unfair trade
 - War.

(10)

4C. Weather Forecasting

Look at the weather chart shown opposite.

- (i) Examine the isobars on the weather chart. Is there high pressure or low pressure at **X**?
- (ii) What type of front is shown at **Y**?
- (iii) Describe how this front (**Y**) will change the weather at Sligo as it approaches.
- (iv) Explain how frontal rainfall occurs.



(10)

4D. Climate Type

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

(10)

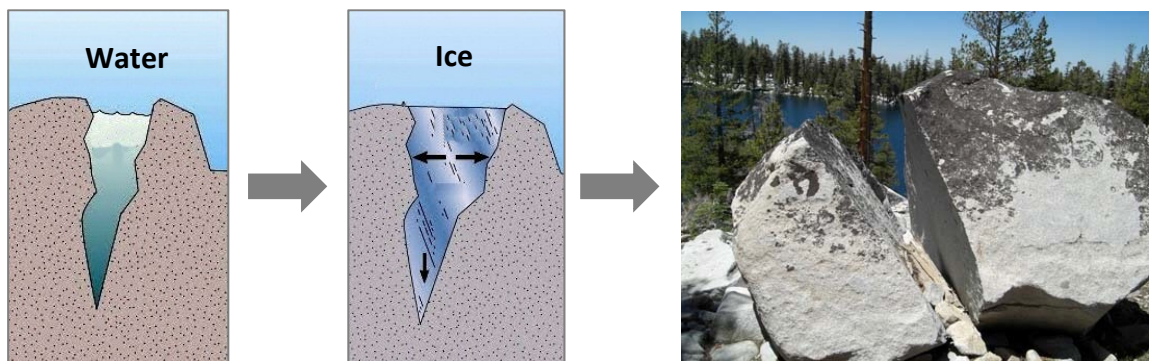
Question 5. SHAPING THE EARTH'S SURFACE

A. Deposition

- (i) Name **ONE** feature formed by glacial deposition **OR** coastal deposition.
- (ii) Explain, with the aid of a labelled diagram, how this feature was formed.

(10)

B. Mechanical Weathering



Amended from www.resources.teachnet.ie

- (i) Name the type of mechanical weathering shown in the images above.
- (ii) With the aid of the images above, describe how this type of mechanical weathering occurs.
- (iii) Explain the term *scree*.

(10)

C. Soils

- (i) Name **and** describe **ONE** Irish soil type that you have studied.
- (ii) Explain how any **TWO** of the following influence soils:
 - Minerals
 - Plant remains
 - Micro-organisms
 - Air and water.

(10)