



**Coimisiún na Scrúduithe Stáit
State Examinations Commission**

JUNIOR CERTIFICATE EXAMINATION 2016

GEOGRAPHY – HIGHER LEVEL

SECTION 2 (90 marks)

FRIDAY 10 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. THE EARTH'S SURFACE AND ECONOMIC ACTIVITY

A. Limestone

- (i) Explain how limestone rock is formed.
- (ii) Describe **two** ways rocks may be of **economic** use to people.

(10)

B. Karst Landscape

Explain, with the aid of a labelled diagram, how any **one** underground feature in a Karst landscape was formed.

(8)

C. Economic Activity - Exploitation of Peat

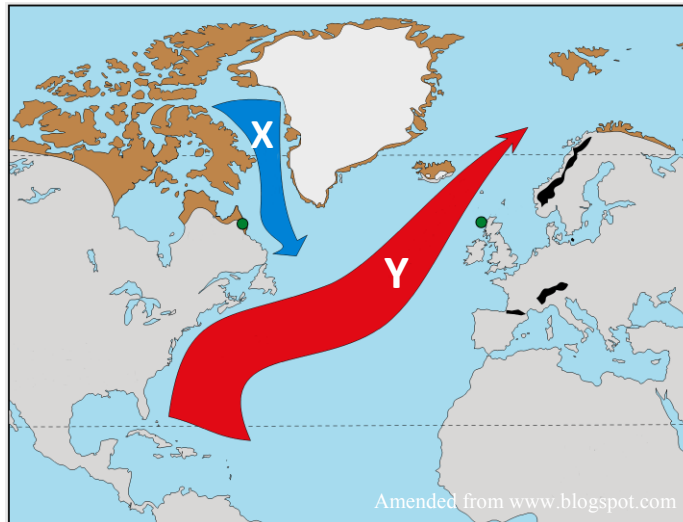


- (i) Describe **two** different ways in which technology has aided the exploitation of peat.
- (ii) Explain **two** reasons why there is limited commercial peat production in blanket bogs.

(12)

Question 2. OCEAN CURRENTS, IRRIGATION AND DESERTIFICATION

A. Ocean Currents



- (i) Name the ocean current labelled **X** and the ocean current labelled **Y**.
- (ii) Explain **two** effects that the ocean current **Y** has on the climate of Ireland.

(10)

B. Irrigation

- (i) State what is meant by the term *irrigation*.
- (ii) Name any **one** irrigation scheme that you have studied.
- (iii) Explain **two** advantages of this irrigation scheme.

(10)

C. Desertification

- (i) Explain **one** natural cause and explain **one** human cause of desertification.
- (ii) Describe **two** effects of desertification.

(10)

Question 3. GEOGRAPHICAL MIX

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

3A. New Settlement Patterns



- (i) Name **one** country where polders are found.
- (ii) Explain **one** reason why new settlements were created on polders.
- (iii) Describe **two** characteristics of settlement on polders.

(10)

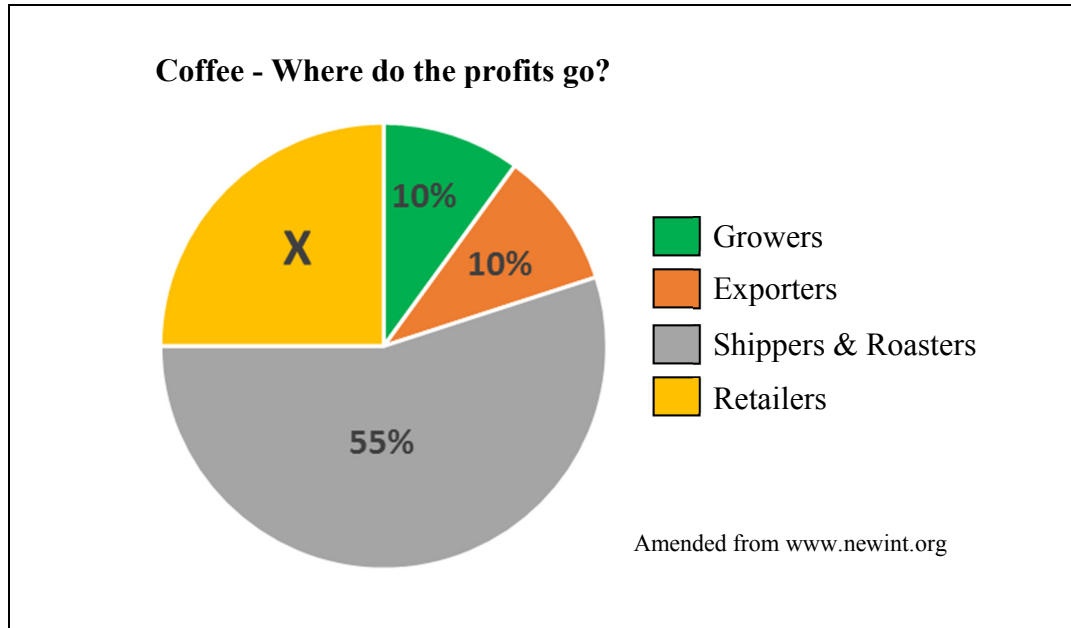
3B. Population Change

Explain how **two** of the following factors have influenced the rate of population change in any country that you have studied:

- Food supplies
- Health
- War
- Education
- Technological developments
- Place of women in society.

(10)

3C. Economic Inequality - Trade



Examine the pie chart above showing how profits from coffee production are distributed and answer each of the following questions.

- (i) What percentage of the profits from coffee production are received by shippers and roasters?
- (ii) Calculate **X**, the percentage of profits from coffee production received by retailers.
- (iii) Explain **two** negative impacts of unfair trading on the economies of the developing world.
- (iv) Name an example of a country in the developing world affected by unfair trading.

(10)

3D. Migration

- (i) Name **one** example of individual migration that you have studied.
- (ii) Explain **two** push factors associated with this example of individual migration.
- (iii) Describe **one** effect of this individual migration on the area from which people have migrated.

(10)

Question 4. URBANISATION

A. Urban Land-Use

Examine the **AERIAL PHOTOGRAPH** supplied with this paper.

Describe and explain **three** different urban land-uses evident on the aerial photograph. Use evidence from the aerial photograph to support your answer.

(10)

B. Urban Problems



(i) State what is meant by each of the following terms:

- *Urban decline*
- *Urban sprawl.*

(ii) Describe **two** problems associated with urban sprawl.

(10)

C. Urbanisation in the Developing World

(i) Name **one** city in the developing world with a high population density, that you have studied.

(ii) Explain **two** problems resulting from the high population density in the developing world city named in part (i) above.

(10)

Question 5. ORDNANCE SURVEY MAP AND AERIAL PHOTOGRAPH

A. Examine the **ORDNANCE SURVEY MAP** supplied with this paper.

Draw a sketch map of the area shown on the Ordnance Survey map.

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

- Westport Bay
- The built up area of Westport
- The N59 road
- The Owenwee River.

(10)

B. Examine the **ORDNANCE SURVEY MAP** supplied with this paper.

Explain **three** reasons why tourists might be attracted to the area on the Ordnance Survey map, using evidence from the map to support each reason.

(12)

C. Examine the **AERIAL PHOTOGRAPH** supplied with this paper.

Describe **two** ways that the local authority manages traffic in the town, using evidence from the aerial photograph to support your answer.

(8)

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