



Coimisiún na Scrúduithe Stáit State Examinations Commission

JUNIOR CERTIFICATE EXAMINATION, 2011

GEOGRAPHY – HIGHER LEVEL

SECTION 2 (90 marks)

FRIDAY, 10 JUNE – MORNING, 9.30 - 11.30

Note: 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.

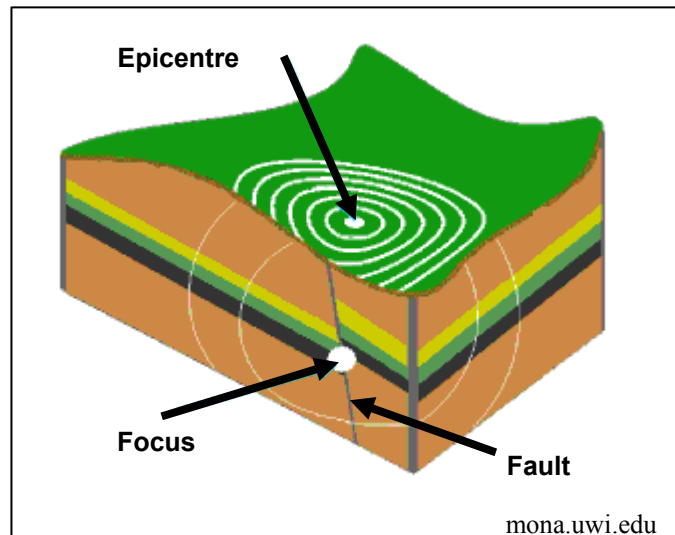
Question 1. THE EARTH'S SURFACE AND OUR PLANET

A. Karst Landscape - Limestone

- (i) Name the category of rock in which limestone belongs.
- (ii) Name a location where limestone is found.
- (iii) Explain, with the aid of a diagram, how any **one** Karst underground landform is formed.

(10)

B. Earthquakes



- (i) Examine the diagram above and explain each of the **three** terms shown in the diagram.
- (ii) Name **two** countries in the world where earthquakes occur.
- (iii) Name **one** method of reducing the impact of an earthquake in an urban area.

(10)

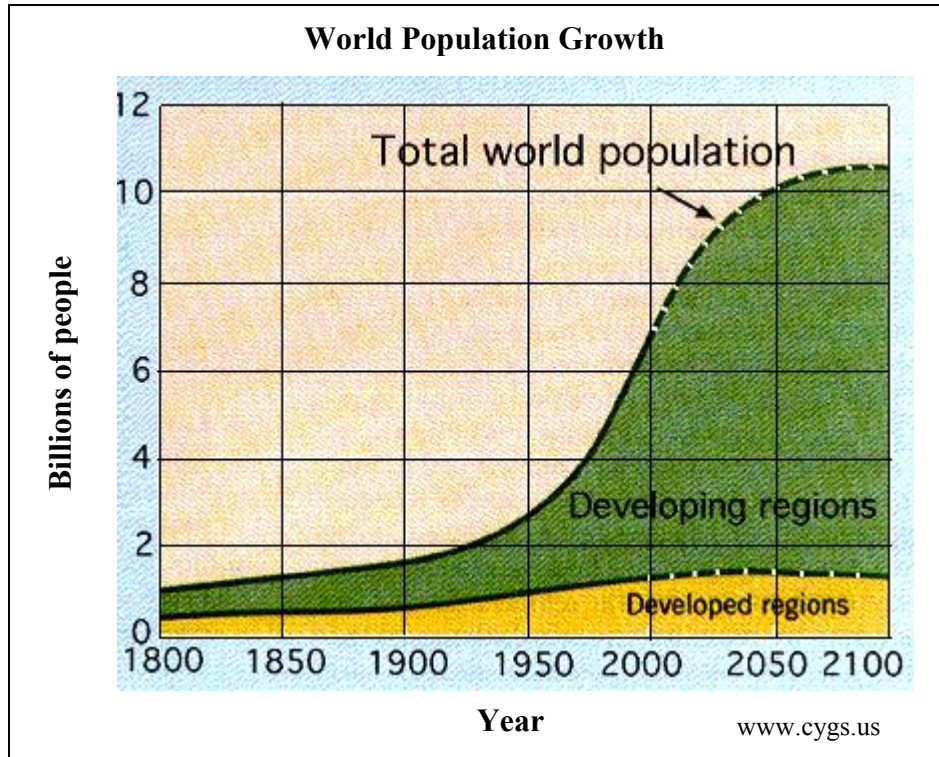
C. The Atmosphere

- (i) Name **two** major gases found in the atmosphere.
- (ii) Explain, with the aid of a diagram, how the greenhouse effect occurs.
- (iii) Name **two** ways in which the greenhouse effect can be reduced.

(10)

Question 2. POPULATION, PEOPLE AND TRANSPORT

A. Population Growth



- (i) Name **one** reason why world population began to rise from 1800 onwards.
- (ii) What will the world population be in 2050?
- (iii) Explain **two** problems associated with the predicted growth of the world population.

(10)

B. Migration

- (i) Explain any **two** of the following terms:
 - Emigration
 - Immigration
 - Barriers to migration.
- (ii) Explain why either organised migration **OR** forced migration occurs, with reference to an example you have studied.

(12)

C. Transport

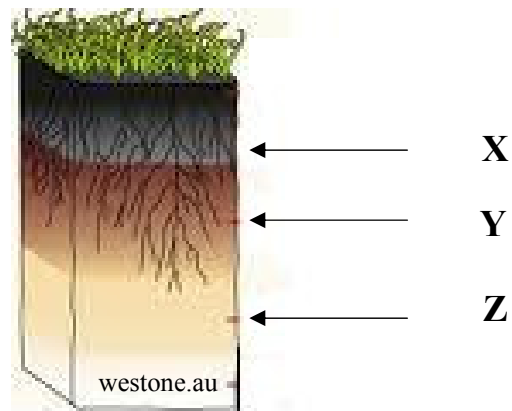
Explain the development of any transport network that you have studied.

(8)

Question 3. GEOGRAPHICAL MIX

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

3A. Soils



- (i) Examine the diagram of a soil profile above.
Name the layers labelled **X**, **Y** and **Z**.
- (ii) Describe the composition of any **one** soil you have studied.

(10)

3B. Ordnance Survey Map

Examine the Ordnance Survey map provided.

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 Dingle/An Daingean
- The coastline
- The Dingle Way (Slí Chorca Dhuibhne)
- The Garfinny River.

(10)

Question 3. GEOGRAPHICAL MIX (continued)

3C. ANSWER EITHER (i) or (ii).

(i) Glaciation

Name **one** feature formed by glacial erosion **OR** glacial deposition and explain, with the aid of a labelled diagram, how it was formed.

(10)

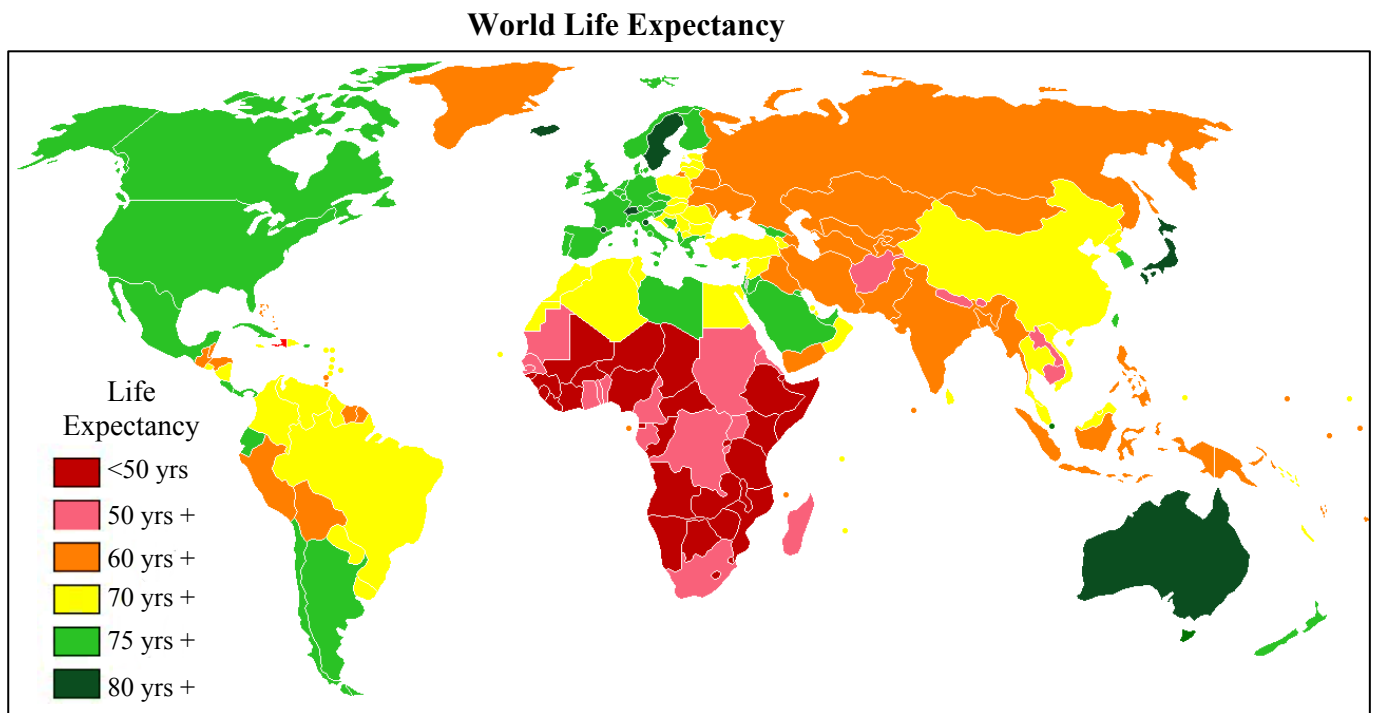
OR

(ii) Coasts

Name **one** feature formed by coastal erosion **OR** coastal deposition and explain, with the aid of a labelled diagram, how it was formed.

(10)

3D. Global Patterns



www.wikimedia.org

Examine the map above which shows world life expectancy.

(i) What is the life expectancy for **each** of the following countries?

- Ireland
- Mali.

(ii) Explain the term 'life expectancy'.

(iii) Explain **two** reasons why life expectancy is longer in Ireland than in countries such as Mali.

(10)

Question 4. ECONOMIC ACTIVITY AND DEVELOPMENT

A. Economic Activity

- (i) Explain **two** factors which influence the location of industry.
- (ii) Economic activities can give rise to local conflicts. Name and explain an example of such a conflict.

(10)

B. Tourism

- (i) Name **two** types of tourist regions.
- (ii) Explain **one** positive effect of tourism, referring to an example you have studied.
- (iii) Explain **one** negative effect of tourism, referring to an example you have studied.

(10)

C. Economic Inequality

- (i) Name a developing region you have studied.
- (ii) Explain **three** reasons why this region is not as economically developed as other regions.

(10)

Question 5. AERIAL PHOTOGRAPH AND ORDNANCE SURVEY MAP

A. Examine the AERIAL PHOTOGRAPH provided.

Draw a sketch map of the photograph.

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

- A recreational area
- The port
- A church
- A bus depot / garage.

(10)

B. Using the ORDNANCE SURVEY MAP provided, explain **three reasons for the development of the urban area of Dingle/An Daingean at this site.**

(12)

C. Using the ORDNANCE SURVEY MAP provided, explain **two reasons for the lack of settlement north of Northing 04.**

(8)

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