



**Coimisiún na Scrúduithe Stáit
State Examinations Commission**

JUNIOR CERTIFICATE EXAMINATION, 2015

GEOGRAPHY – ORDINARY LEVEL

SECTION 2 (90 marks)

FRIDAY, 5 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 Kenmare 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:

- Dinish Island in the Kenmare River
- The complete area of the Kenmare River
- The built up area of Kenmare
- The N70 National Secondary Road.

(10)

B. Explain **TWO** reasons why the town of Kenmare developed at this location, using evidence from the Ordnance Survey map to support each reason.

(8)

C. The District Council has asked you to design a tourist brochure for the Kenmare area.

Using evidence from the Ordnance Survey map, describe **FOUR** attractions the area has for tourists.

(12)

Question 2. AERIAL PHOTOGRAPH

Study the aerial photograph of Kenmare 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.** You are the owner of a large company. You have decided to locate one of your factories in the area shown on the aerial photograph.
- (i) Using the correct term (left background etc.), identify a suitable site for the factory.
 - (ii) Using evidence from the aerial photograph, explain **TWO** reasons why you selected this site.
 - (iii) State **TWO** objections that might be raised against building the factory at this site.

(12)

- B.** 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
- A residential area
- An area of woodland
- A church with a spire.

(10)

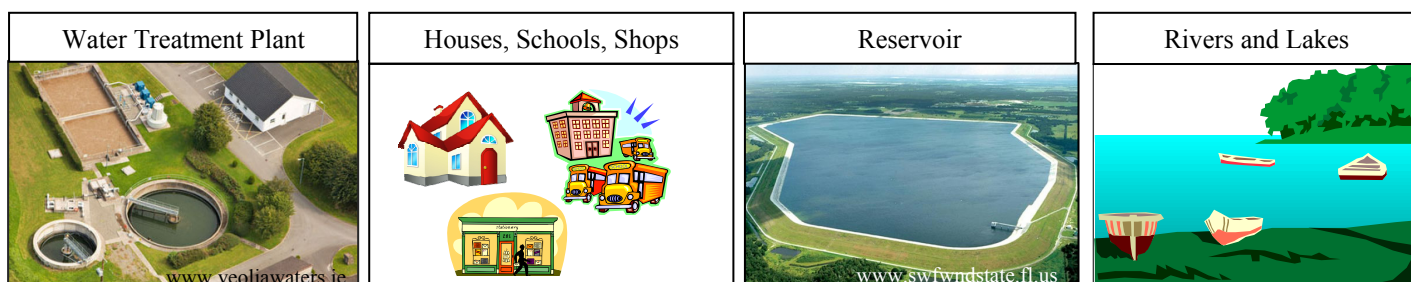
- C.** Imagine you live in one of the houses in the left middleground of the aerial photograph.

Using evidence from the aerial photograph, explain **TWO** advantages of living at this location.

(8)

Question 3. ECONOMIC GEOGRAPHY

A. Water – A Natural Resource



The pictures above show different stages in providing a local water supply. The pictures are not in the correct order.

- (i) Describe the stages involved in providing a local water supply.
- (ii) Explain how a water supply can become polluted.

(12)

B. Oil and Gas Exploration

- (i) Name **ONE** area off the Irish coast where oil / natural gas has been found.
- (ii) Explain **ONE** positive effect and **ONE** negative effect of such a discovery for an area.
- (iii) State **ONE** reason why it is important to reduce the amount of fossil fuels being used.

(10)

C. Economic Development - Aid

Tied aid	Multilateral aid	Bilateral aid
Emergency aid	Development aid	

- (i) Choose any **ONE** type of aid named in the box above.
Describe the advantages **and** the disadvantages of this type of aid.
- (ii) Name **ONE** place in the world where this type of aid is used or was used.

(8)

Question 4. PHYSICAL GEOGRAPHY

A. Deposition

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

(10)

B. Rivers and People

- (i) Describe **ONE** advantage of rivers for people.
- (ii) Describe **ONE** disadvantage of rivers for people.

(8)

C. Rocks

- (i) Name **ONE** rock and state **ONE** use of this rock.
- (ii) Explain how this rock was formed.
- (iii) Describe **ONE** advantage of quarrying.
- (iv) Describe **ONE** disadvantage of quarrying.

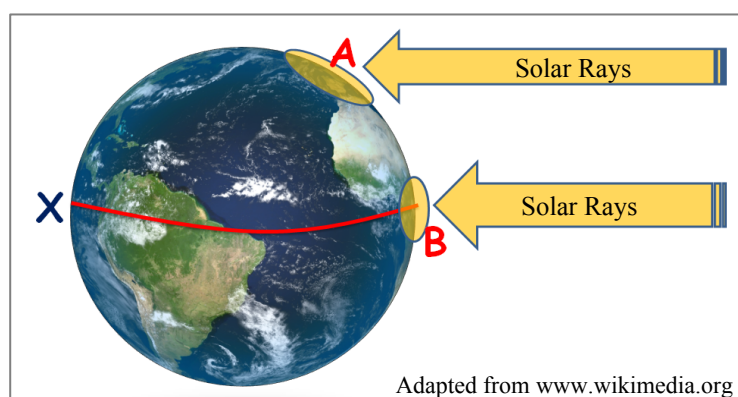
(12)

Question 5. A GEOGRAPHICAL MIX

Answer ANY THREE of the questions 5A, 5B, 5C, 5D.

5A. The Restless Atmosphere

(i)



Study the diagram above, which shows how the sun heats the Earth. The line X shows the Equator.

Explain why the temperature at A is lower than the temperature at B.

(ii) Choose any ONE of the factors below and describe how it influences the temperature on the Earth's surface.

- Distance from the sea
- Prevailing winds
- Altitude
- Relief.

(10)

5B. Urbanisation

% of People Living in Urban Areas in Selected Countries in 1990 and 2010

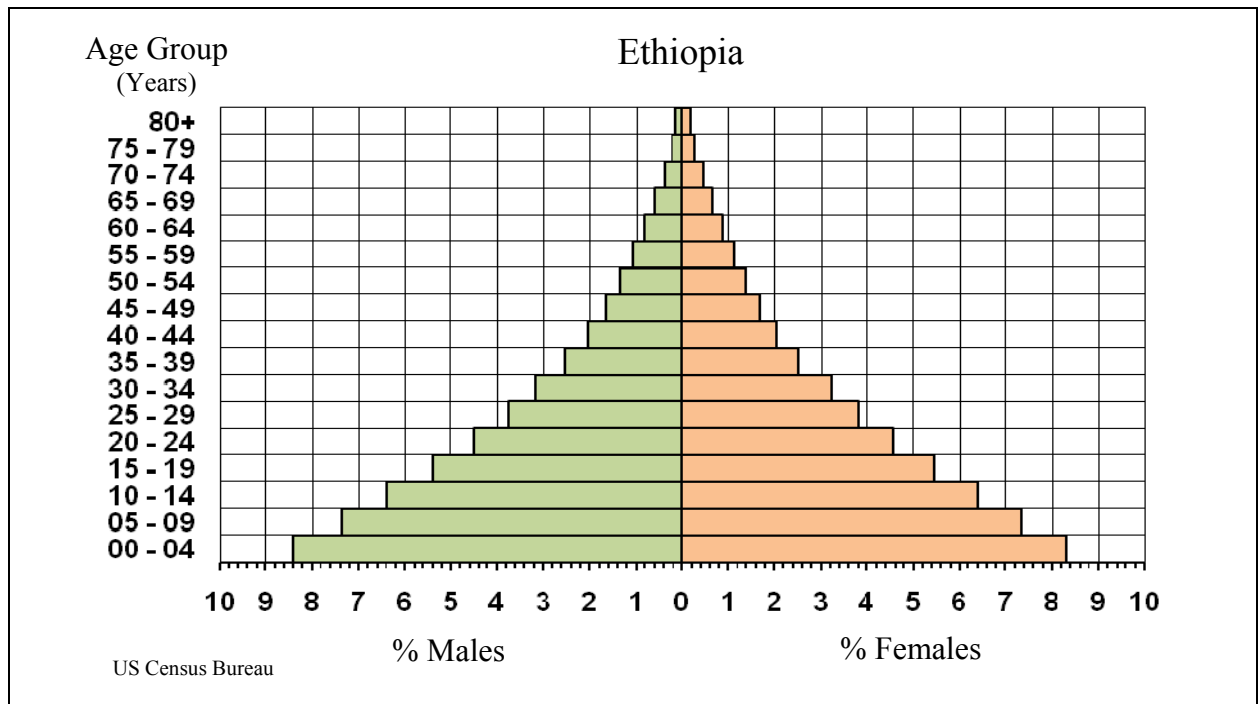
Country	1990	2010
Bangladesh	19.8%	27.9%
Germany	73.1%	73.8%
Ireland	56.9%	61.9%
Sudan	28.6%	33.1%

www.esa.un.org

- Which country had the highest percentage of people living in urban areas in 2010?
- Calculate the increase in the percentage of people living in urban areas in Ireland between 1990 and 2010.
- Explain TWO reasons why people move to live in urban areas (towns and cities).

(10)

5C. Population Studies



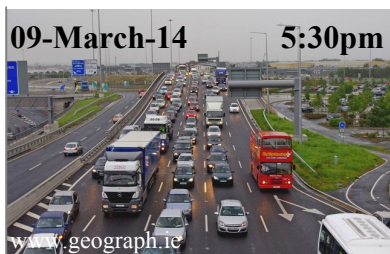
Study the pyramid above showing the age and sex structure of the population in Ethiopia.

- (i) What percentage of males are in the 40 - 44 year age group?
- (ii) Explain why there is a high percentage of Ethiopia's population in the younger age groups.
- (iii) Explain why there is a very low percentage of Ethiopia's population aged 65 years and over.
- (iv) State **ONE** way in which information from the Census of Population can be used.

(10)

5D. Traffic Movement

A. Cars at rush hour



B. Bus



C. Luas



- (i) Look at Photograph A, taken from a traffic camera.
Given the time of day, is the larger amount of traffic leaving or entering the city?
- (ii) Describe **ONE** reason why the car is the most popular mode of transport for daily commuters.
- (iii) Explain **ONE** advantage and **ONE** disadvantage of public transport for daily commuters.

(10)

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