Section 2

Allow Three Questions @ 30 marks each

Question 1. **THE EARTH'S SURFACE AND ECONOMIC ACTIVITY**

A. **Limestone**

    (i)   Explain how limestone rock is formed.
        One Explanation at 6m (St2 + D1 + D1 + D1 + D1)

    (ii)   Describe **two** ways rocks may be of **economic** use to people.
        Two Descriptions at 2m each (St1 + D1)

    (10)

B. **Karst Landscape**

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

    Feature named @ 1m
    Labelled diagram @ 1m
    Explanation of formation @ 6m (St2 + D1 + D1 + D1 + D1)

    One development mark may be for additional information, not in the written, on a diagram.
    One development mark must be for a process.

    (8)

C. **Economic Activity - Exploitation of Peat**

    (i)   Describe **two** different ways in which technology has aided the exploitation of peat.
        Two Descriptions @ 3m each (St1 + D1 + D1)

    (ii)   Explain **two** reasons why there is limited commercial peat production in blanket bogs.
        Two Explanations @ 3m each (St2 + D1)

    (12)

Question 2.   OCEAN CURRENTS, IRRIGATION AND DESERTIFICATION

A.   Ocean Currents

(i)   Name the ocean current labelled **X** and the ocean current labelled **Y**.
        Two Currents @ 1m each

(ii)   Explain **two** effects that the ocean current **Y** has on the climate of Ireland.
        Two Explanations at 4m each (St2 + D1 + D1)

                                                                                    (10)

B.   Irrigation

(i)   State what is meant by the term *irrigation*.
        Statement 1m

(ii)   Name any **one** irrigation scheme that you have studied.
        Name 1m

(iii)   Explain **two** advantages of this irrigation scheme.
        Two Explanations @ 4m each (St2 + D1 + D1)
        If irrigation scheme named is invalid Statement marks only.

                                                                                    (10)

C.   Desertification

(i)   Explain **one** natural cause and explain **one** human cause of desertification.
        Two Explanations at 3m each (St1 + D1 +D1)
        Accept global warming once.

(ii)   Describe **two** effects of desertification.
        Two Descriptions @ 2m each (St1 + D1)

                                                                                    (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.
             Name 1m

    (ii)   Explain **one** reason why new settlements were created on polders.
             One Explanation at 3m (St2 + D1)

    (iii)   Describe **two** characteristics of settlement on polders.
             Two Descriptions @ 3m each (St2 + D1)

                                                    (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.

Two Explanations @ 5m each (St2 + D1 + D1 + D1)

Maximum Development 1 mark reserved for naming country, awarded to benefit candidate.
Both factors must be from the same country.
Country not named Statement marks only.

                                                    (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?
Answer: 55% @ 1m

(ii)   Calculate **X**, the percentage of profits from coffee production received by retailers.
Answer: 25% @ 2m

(iii)   Explain **two** negative impacts of unfair trading on the economies of the developing world.
Two Explanations @ 3m each (St1 + D1 + D1)

(iv)   Name an example of a country in the developing world affected by unfair trading.
Name 1m

(10)

3D. Migration

(i)   Name **one** example of individual migration that you have studied.
Name 2m
Look for an understanding of Individual Migration.

(ii)   Explain **two** push factors associated with this example of individual migration.
Two Explanations @ 3m each (St1 + D1 + D1)
Factors must be relevant to example named in part (i).

(iii)   Describe **one** effect of this individual migration on the area from which people have migrated.
One Description @ 2m (St1 + D1)
Effect must be relevant to example named in part (i).

(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.

Urban Land-use 1   (St2 + D1 + D1)
Urban Land-use 2   (St1 + D1 + D1)
Urban Land-use 3   (St1 + D1 + D1)

If land-use not named or incorrect terminology used Statements marks only.

(10)

B.   Urban Problems

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

- *Urban decline*
- *Urban sprawl.*

Two Statements @ 2m each (Graded 2/1/0)

(ii)   Describe **two** problems associated with urban sprawl.
Two Descriptions @ 3m each (St2 + D1)

(10)

C.   Urbanisation in the Developing World

(i)   Name **one** city in the developing world with a high population density, that you have studied.
Name 2m

(ii)   Explain **two** problems resulting from the high population density in the developing world city named in part (i) above.
Two explanations @ 4m each (St2 + D1 + D1)

City not named or invalid in part (i) Statement marks only.
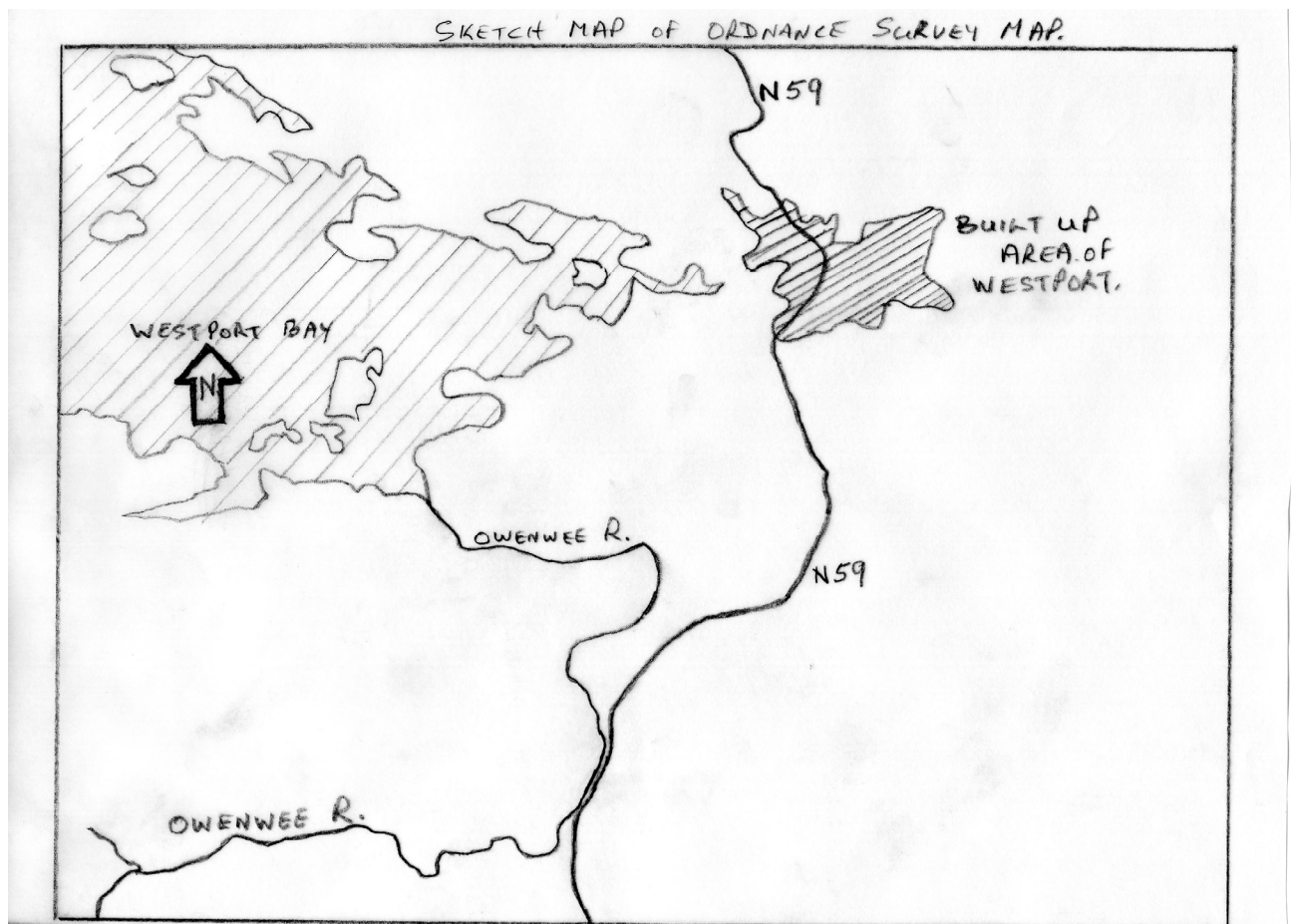
(10)

Question 5.   ORDNANCE SURVEY MAP AND AERIAL PHOTOGRAPH

5A.   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.

SKETCH MAP OF ORDNANCE SURVEY MAP.

Four features shown and labelled @ 2m each

Shape and Orientation @ 2m (1 + 1)

(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.

Three Explanations @ 4m each (St2 + Ev1 + D1)

(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.

Two Descriptions @ 4m each (St2 + Ev1 + D1)

(8)