

Section 2

Allow Three Questions @ 30 marks each = 90 marks

Question 1. THE EARTH'S SURFACE AND OUR PLANET

A. Karst Landscape - Limestone

- (i) Name the category of rock in which limestone belongs.
Name @ 1m
- (ii) Name a location where limestone is found.
Name @ 1m
- (iii) Explain, with the aid of a diagram, how any **one** Karst underground landform is formed
Feature Named 1m
Diagram 1m
Two Explanations of Formation @ 3m each (St2+D1) (10)

B. Earthquakes

- (i) Examine the diagram above and explain each of the **three** terms shown in the diagram.
Three Explanations @ 2m each
- (ii) Name **two** countries in the world where earthquakes occur.
Two Countries @ 1m each
- (iii) Name **one** method of reducing the impact of an earthquake in an urban area.
One Method @ 2m (10)

C. The Atmosphere

- (i) Name **two** major gases found in the atmosphere.
Two Named @ 1m each
- (ii) Explain, with the aid of a diagram, how the greenhouse effect occurs.
Diagram 1m + Labelled 1m
Two Explanations @ 2m each (St1+D1)
- (iii) Name **two** ways in which the greenhouse effect can be reduced.
Two Ways @ 1m each (10)

Question 2. POPULATION, PEOPLE AND TRANSPORT

A. Population Growth

- (i) Name **one** reason why world population began to rise from 1800 onwards.
Name @ 1m
- (ii) What will the world population be in 2050?
Figure @ 1m
- (iii) Explain **two** problems associated with the predicted growth of the world population.
Two Problems Explained @ 4m each (St2+D2)

(10)

B. Migration

- (i) Explain any **two** of the following terms:
 - Emigration
 - Immigration
 - Barriers to migration.**Two Terms Explained @ 2m each**
- (ii) Explain why either organised migration **OR** forced migration occurs, with reference to an example you have studied.
Migration Named @ 2m
Two Explanations @ 3m each (St2+D1)

(12)

C. Transport

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

Transport Network Named @ 4m
Two Explanations @ 2m each (St1+D1)

(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.
Layers Named @ 1m each
- (ii) Describe the composition of any **one** soil you have studied.
Soil Named @ 1m Two Descriptions @ 3m each (St2+D1)

(10)

3B. Ordnance Survey Map

Examine the Ordnance Survey map provided.

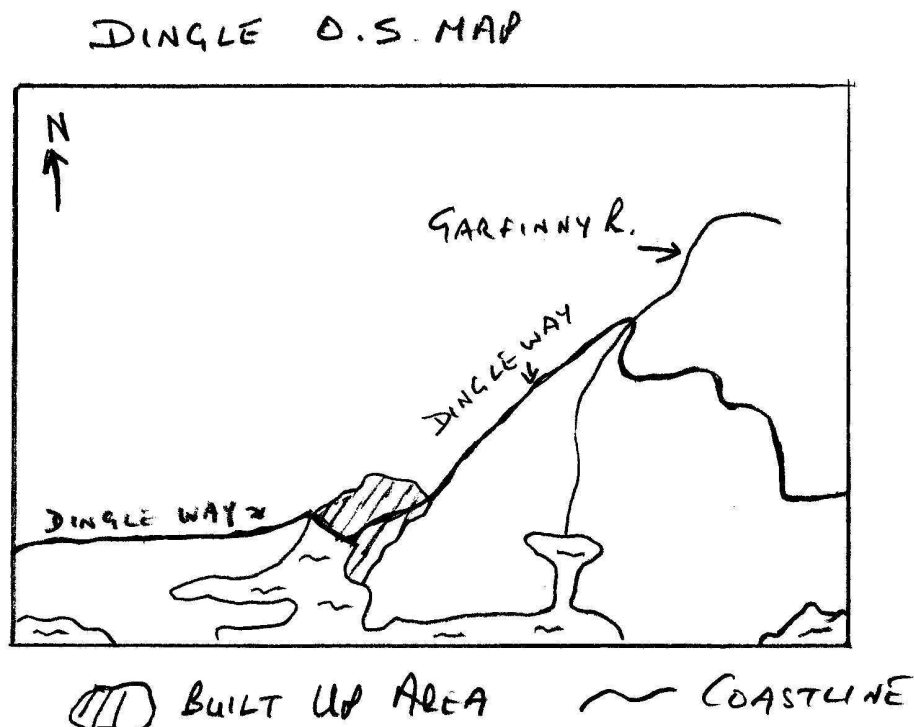
Draw a sketch map of the area shown on the Ordnance Survey map.

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.

Four Features Shown and Named @ 2m each

Shape and Orientation @ 2m (1+1) Must have landscape shape for 1m



(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.

Feature Named @ 1m

Diagram 1m

Two Explanations of Formation @ 4m each (St2+D1+Ref to Diag/Process 1m)

(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)

Feature Named @ 1m

Diagram 1m

Two Explanations of Formation @ 4m each (St2+D1+Ref to Diag/Process 1m)

3D. Global Patterns

Examine the map above which shows world life expectancy.

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

- Ireland
- Mali.

Named @ 1m each

(ii) Explain the term 'life expectancy'.

One Explanation @ 2m

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

Two Reasons @ 3m each (St2+D1)

(10)

Question 4. ECONOMIC ACTIVITY AND DEVELOPMENT

A. Economic Activity

- (i) Explain **two** factors which influence the location of industry.
Two Factors Named @ 2m each
Two Factors Explained @ 1m each = St1
- (ii) Economic activities can give rise to local conflicts.
Name and explain an example of such a conflict.
Conflict Named @ 2m
Conflict Explained @ 2m

(10)

B. Tourism

- (i) Name **two** types of tourist regions.
Two Types Named @ 1m each
- (ii) Explain **one** positive effect of tourism, referring to an example you have studied.
One Positive Effect @ 4m (St2+D1+Example 1)
- (iii) Explain **one** negative effect of tourism, referring to an example you have studied.
One Negative Effect @ 4m (St2+D1+Example1)

(10)

C. Economic Inequality

- (i) Name a developing region you have studied.
Region Named @ 1m
- (ii) Explain **three** reasons why this region is not as economically developed as other regions.
Three Reasons @ 3m each (St2+D1)

(10)

Question 5. AERIAL PHOTOGRAPH AND ORDNANCE SURVEY MAP

A. Examine the **AERIAL PHOTOGRAPH** provided.

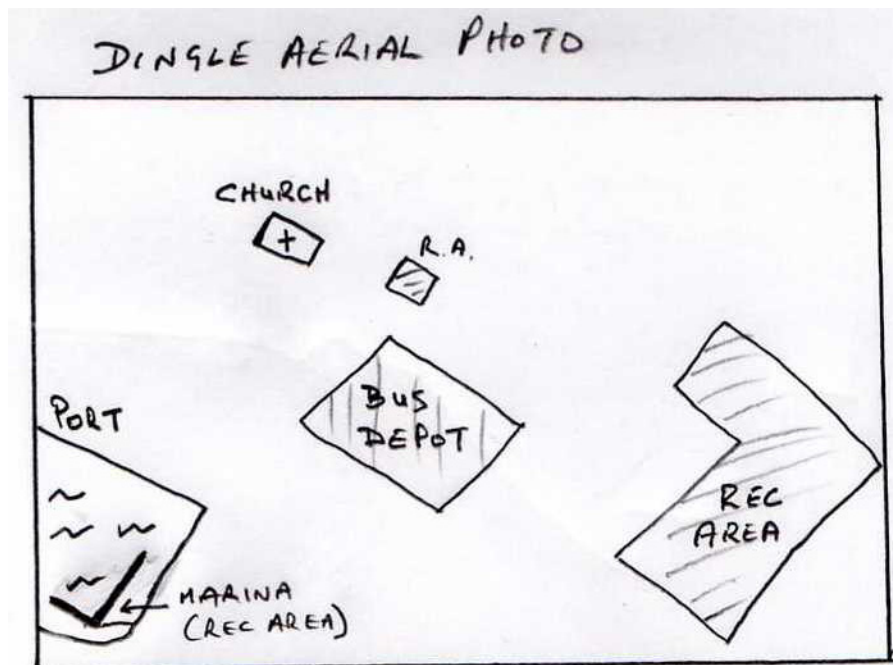
Draw a sketch map of the photograph.

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

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

Four Features Shown and Named @ 2m each

Shape and Orientation @ 2m (1+1) Must have landscape shape for 1m



(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.

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

(12)

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

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

(8)