



**Coimisiún na Scrúduithe Stáit**  
**State Examinations Commission**

**Junior Certificate 2011**

**Marking Scheme**

**Geography**

**Higher Level**

## Section 1 Folder Question

Allow 20 Questions @ 3 marks each = 60 marks

1. 3 @1 mark each  
(A) Mantle (B) Outer Core (C) Inner Core
2. 3 @1 mark each  
(i) Active (ii) Dormant (iii) Extinct
3. 1 @ 3 marks  
Mechanical Weathering
4. 3 @ 1 mark each  
(i) True (ii) False (iii) False
5. 3 @ 1 mark each  
(A) Isobars (B) Isohyets (C) Isotherms
6. 3 @ 1 mark each  
Stevenson Screen, Temperature, Humidity
7. 3@ 1 mark each  
(i) Levee (ii) Old Age (iii) Alluvium
- 8A. 3 @ 1mark each  
(i) Erosion (ii) Destructive (iii) True

**Or**

- 8B. 3 @ 1 mark each  
(i) Erosion (ii) Tarn (iii) Upland
- 9A. 3 @ 1 mark each  
(i) Sahel (ii) Any Two

**Or**

- 9B. 3@ 1 mark each  
Any 3
- 10A. 3 @ 1mark each  
(i) Keeping (ii) Short (iii) Upland

**Or**

- 10B. 3 @ 1 mark each  
(i) True (ii) False (iii) True

11. 1 @ 3 marks

2,4,5

12. 3 @ 1 mark each

(i) Horizons (ii) Brown Soils (iii) Humus

13. 3 @ 1 mark each

X	Y
A	4
B	1
C	2
D	3

14. 1 @ 3 marks

2,3,5

15. 3 @ 1 mark each

(i) 25-44 (ii) 0-14, 65+

16. 1 @ 3 marks

1,4,5

17. 1 @ 3 marks

Linear

18. 3 @ 1 mark each

(i) True (ii) False (iii) False

19. 1 @ 3 marks

An Oblique Photograph

20. 1 @ 3 marks

Left Foreground

Please complete **The Folder Marking Grid** on front cover of Folder and enter the **Folder Total Mark** on the **top right corner of the first page** of the candidate's script e.g. **F 46**.

## 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.

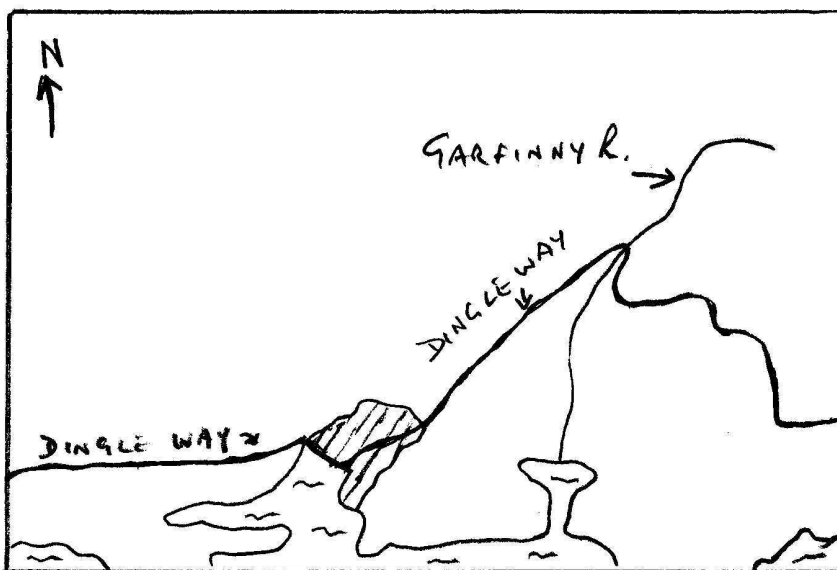
On your sketch map **show and label** each of the following:

- 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**

**DINGLE O.S. MAP**



**▨ BUILT UP AREA      ~ COASTLINE**

(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.

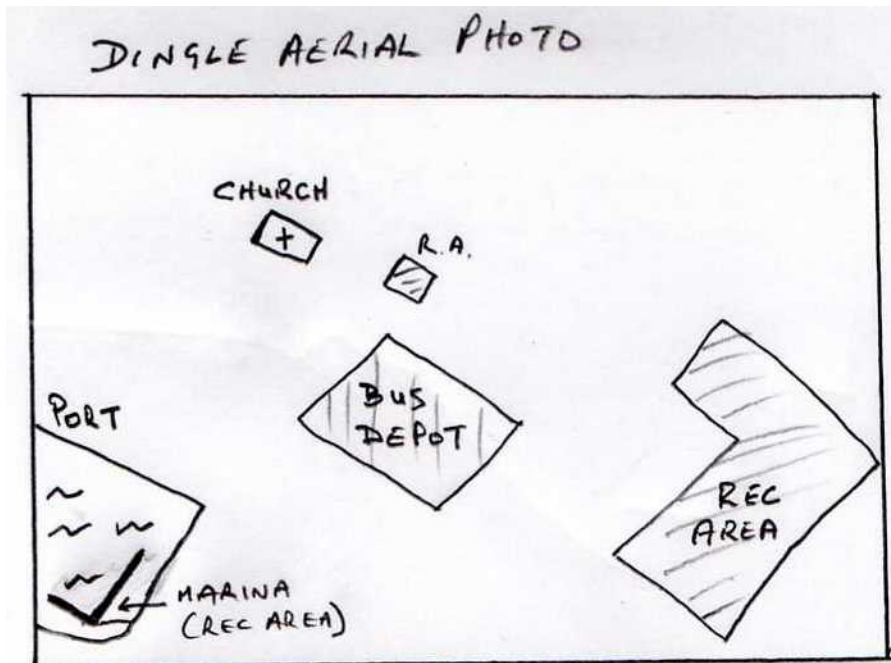
Draw a sketch map of the photograph.

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 Northing 04.

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

(8)

## FOLDER SUMMARY MARK SHEET

1. Mantle, Outer Core, Inner Core	1+1+1
2. Active, Dormant, Extinct	1+1+1
3. Mechanical Weathering	3
4. True, False, False	1+1+1
5. Isobars, Isohyets, Isotherms	1+1+1
6. Stevenson Screen, Temperature, Humidity	1+1+1
7. Levee, Old Age, Alluvium	1+1+1
8A. Erosion, Destructive, True	1+1+1
<b>Or</b>	
8B. Erosion, Tarn, Upland	1+1+1
9A. Sahel + Any two valid	1+1+1
<b>Or</b>	
9B. Any 3 Valid	1+1+1
10A. Keeping/Short/Upland	1+1+1
<b>Or</b>	
10B. True, False, True	1+1+1
11. 2,4,5	3
12. Horizons, Brown Soils, Humus	1+1+1
13. A=4, B=1, D=3	1+1+1
14. 2,3,5	3
15. 25-44, 0-14, 65+	1+1+1
16. 1,4,5	3
17. Linear	3
18. True, False, False	1+1+1
19. Oblique	3
20. Left Foreground	3

## SUMMARY MARKING SCHEME

### Question 1. **THE EARTH'S SURFACE and OUR PLANET**

- A. (i) Name @ 1m  
(ii) Name @ 1m  
(iii) Name @ 1m, Diagram @ 1m, Two Explanations @ 3m (St2+D1)
- B. (i) Three Explanations @ 2m  
(ii) Two Countries @ 1m each  
(iii) One Method @ 2m
- C. (i) Two Gases @ 1m each  
(ii) Diagram @ 1m, Label @ 1m, Two Explanations @ 2m (St1+D1)  
(iii) Two Ways @ 1m each

### Question 2. **POPULATION GROWTH**

- A. (i) Name @ 1m  
(ii) Figure @ 1m  
(iii) Two problems @ 4m (St2+D2)
- B. (i) Two Explanations @ 2m  
(ii) Name @ 2m Two Explanations @ 3m (St2+D1)
- C. Name @ 4m Two Explanations @ 2m (St1+D1)

### Question 3. **GEOGRAPHICAL MIX** Answer three of the following questions A, B, C, D.

- A. Soils (i) Three Layers Named @ 1m each  
(ii) Soil Named @ 1m Two Descriptions @ 3m each (St2+D1)
- B. OS Map Frame/Orientation @ 2m (1+1) Four Features @ 2m each
- C. Glaciation/Coasts Feature Named/Diagram @ 1m each  
Two Explanations @ 4m each (St2+D1+Ev1)
- D. Global Patterns (i) Two Named @ 1m each  
(ii) Explanation @ 2m (St1+D1)  
(iii) Two Reasons @ 3m (St2+D1)

### Question 4. **ECONOMIC ACTIVITY and DEVELOPMENT**

- A. (i) Two Factors Named @ 2m each Explained @ 1m each (St1)  
(ii) Conflict Named @ 2m Explained @ 2m
- B. (i) Two Types Named @ 1m each  
(ii) Positive Effect @ 4m (St2+D1+Ex1)  
(iii) Negative Effect @ 4m (St2+D1+Ex1)
- C. (i) Region Named @ 1m  
(ii) Three Reasons @ 3m (St2+D1)

### Question 5. **AERIAL PHOTO & ORDNANCE SURVEY MAP**

- A. Frame/Orientation @ 2m (1+1) Four features @ 2mks
- B. Three Reasons @ 4m (St2+D1+Ev1)
- C. Two reasons @ 4m each (St2+D1+Ev1)

