



Coimisiún na Scrúduithe Stáit
State Examinations Commission

JUNIOR CERTIFICATE 2010

MARKING SCHEME

GEOGRAPHY

HIGHER LEVEL

Section 1 Folder Question

Allow 20 Questions @ 3 marks each = 60 marks

1. 3 @1mark each
(i)True, (ii)True, (iii)False
2. 1 @ 3 marks
Leaching
3. 1 @ 3 marks
Relief Rainfall.
4. 3 @ 1mark each
(i) Active (ii) Igneous (iii) Basalt
5. 3 @ 1 mark each
(i) Limestone (ii) Chemical (iii) The Burren
6. 3 @ 1 mark each

X	Y
A	2
B	3
C	4
D	1

7. 1 @ 3marks
1,3,5
- 8A. 3 @ 1mark each
Thermometer, Hygrometer, Stevenson Screen

Or

- 8B. 3 @ 1 mark each
Labour, Capital, Transport
- 9A. 3@1 mark each
Tombolo, Coastal Deposition, Longshore Drift

Or

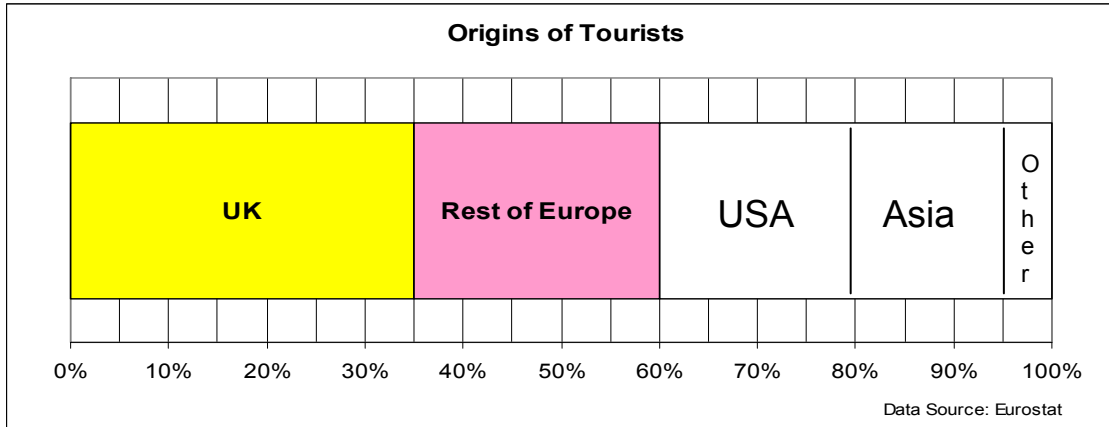
- 9B. 3@ 1 mark each
Drumlin, Glacial Deposition, Moraine

10A. 3 @ 1mark each

(i) Summer (ii) 18:23 (iii) 8:24

Or

10B. 3 @1mark each



11. 1 @ 3 marks

2,3,5

12. 3 @ 1mark each

A	3
B	1
C	2
D	4

13. 3 @ 1 mark each

(i) Arable (ii) 22.6% (iii) Any Valid Answer

14. 3 @ 1mark each
Any Valid Answer

15. 3 @ 1 mark each

(i) <2.5% (ii) 5-19% (iii) 20 -34%.

16. 3 @ 1 mark each

(i) Even (ii) Convex (iii) Concave

17. 3 @ 1 mark each

A	4
B	3
C	1
D	2

18. 1 @ 3 marks
North West

19. 1 @ 3 marks
Left Background

20 1 @3 marks
S 404/5 216/7

Please complete **The Folder Marking Grid** on front cover of Folder.

Please 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

A. Mass Movement

- (i) Name one type of mass movement.

Name @ 2m

- (ii) Explain how this type of mass movement occurs.

Two explanations @ 4m each (St 2m Dev 2m)

B. Weathering

- (i) Name the type of weathering shown in the diagrams.

Name @ 2m

- (ii) Explain how this type of weathering occurs.

Two explanations @ 4m each (St 2m Dev 2m)

C. The Earth's Crust

- (i) Name one feature formed where plates collide.

Name @ 2m

- (ii) Name one feature formed where plates separate.

Name @ 2m

- (iii) With the aid of a diagram, explain how **one** of the features named is formed.

One explanation @ 4m (St 2 + Dev 1+ Dev1)

Diagram @ 2m (Drawn + Labelled)

Question 2. CLIMATE

A. (i) Name **one** hot climate. **Name @ 2m**

(ii) Name **one** temperate climate. **Name @ 2m**

(iii) Name **one** cold climate. **Name @ 2m**

B. Select **one** climate and describe it in detail referring to temperatures and precipitation.

Two Descriptions @ 6m each (St 2m +Dev 2m +Dev 2m)
One Temperature/ One precipitation

C. Factors affecting climate include:

- Latitude
- Distance from the seas and oceans
- Prevailing winds
- Altitude
- Relief
- Aspect.

Select any **three** of these factors and explain how each one affects climate.

Explanation how each affects climate **Three @ 4m each** (St 2m +Dev 1m +Dev 1m)

Question 3. ECONOMIC ACTIVITIES

A. Fishing

- (i) Describe the trend indicated by the figures in the table.

Description @ 2m (Trend 1m + Ref to figures 1m)

- (ii) Explain the term 'overfishing'.

Explanation @ 2m (St 1 + Dev 1)

- (iii) Explain Two reasons why overfishing occurs in Irish waters.

Two Explanations @ 3m each (St 2 + Dev 1)

B. Secondary Industry

- (i) **Name** one manufacturing industry you have studied.

Name @ 1m

- (ii) **Describe** this industry referring to its inputs, processes and outputs.

Three Descriptions @ 3m each (1+1+1)

C. Ordnance Survey Map and Tourism

Using the ORDNANCE SURVEY MAP provided, explain two reasons why tourists might go to Carrick-on-Suir on their holidays.

Two Reasons @ 5m each (St 2 + Map Ev 2 + Dev 1)

Question 4. GEOGRAPHICAL MIX

Allow best THREE of 4A, 4B, 4C, 4D.

4A. An Unequal World

- (i) Which area is more developed, the North or the South?

Statement @ 2m The North

- (ii) Briefly **explain** why child mortality is higher in the South.

One Explanation @ 4m (St 2 +Dev 1+Dev 1)

- (iii) Explain **one** reason why people might migrate from the South to the North.

One Reason @ 4m (St 2 +Dev 1+Dev 1)

4B. Functional Zones in Cities

Explain the location of any **two** functional zones in a city you have studied.

Two Explanations @ 5m each (St 2 +Dev 2 +Dev 1)

4C. Population

Examine the population pyramid for Ireland in 2050.

- (i) What percentage of the population will be in the 80 + age group in 2050?

% Named @ 2m 7.8%

- (ii) Explain why life expectancy will be longer in 2050.

One Explanation @ 4m (St2 +Dev1 +Dev1)

- (iii) Name **two** ways in which governments use population pyramids.

Two Ways named @ 2m each

4D. Rivers

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

Feature Named @ 1m
Diagram @1m

Two Explanations of Formation @ 4m each (St 2 +Dev 1 + Ref to Diag/Process 1)

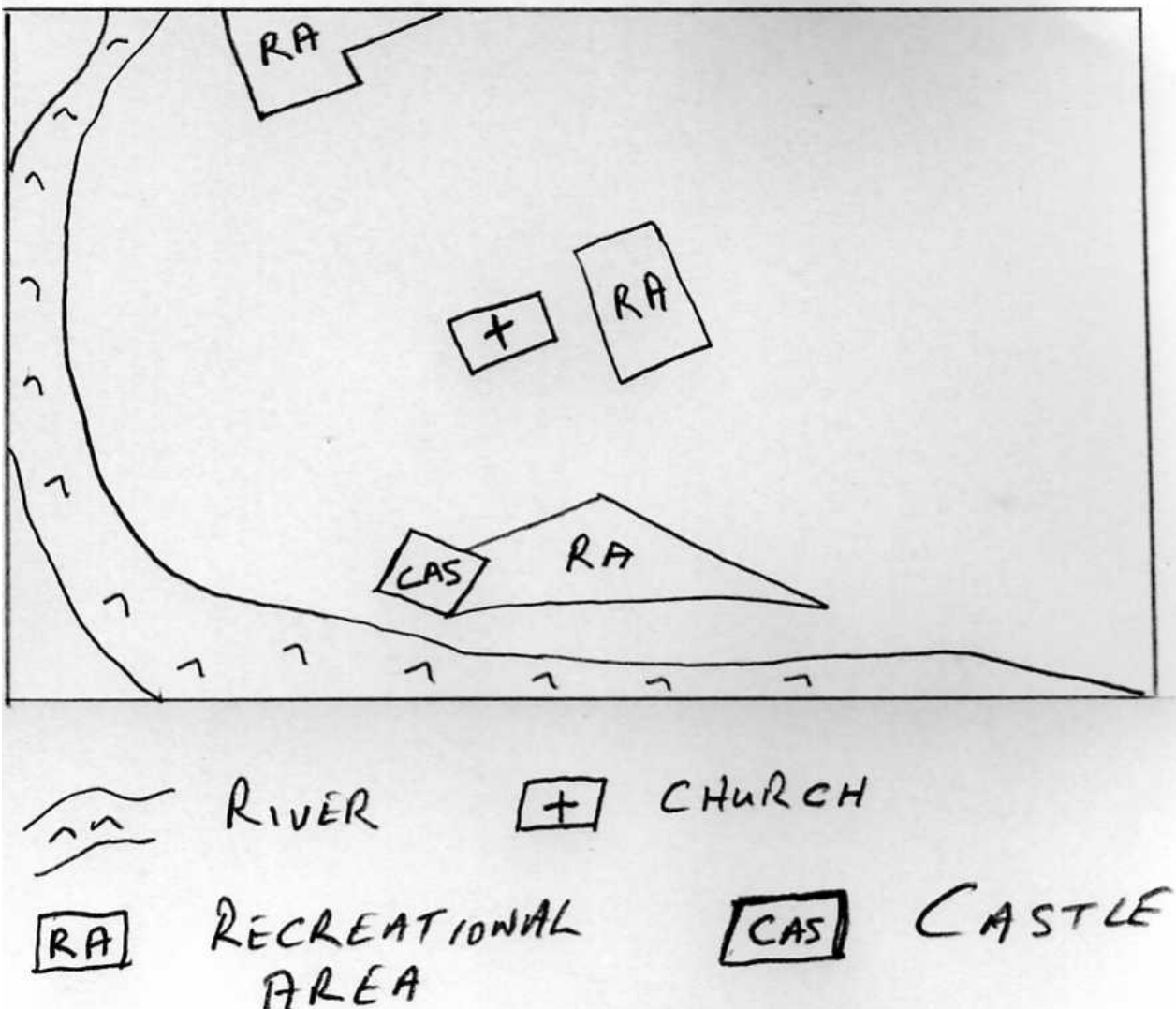
Question 5. AERIAL PHOTOGRAPH AND ORDNANCE SURVEY MAP

- 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:

- The River
- A Recreational Area
- A Castle
- A Church.

Four Features Shown and Named @ 2m each

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



Sketch Illustrative Only

B. Examine the **ORDNANCE SURVEY MAP** provided.

- (i) Identify and give grid references for **two** rural settlement patterns shown on the map.

Two Patterns named @ 2m each

Two Patterns Located @ 2m each (Grid Reference)

- (ii) Explain why **one** of the settlement patterns has developed at the location you have given.

One Explanation @ 4m (St 2 + Dev 1 + Map Ref 1)

C. Using the **ORDNANCE SURVEY MAP** provided explain **two** reasons why coniferous plantations are located north of Northing 27.

Two Reasons @ 4m each (St 2 +Dev1 +Map Ref 1)

In the case of candidates taking the Irish version only, allow up to 8 marks for the quality of explanation.

Note: Modified marking scheme available for candidates who sat a modified examination paper.

FOLDER SUMMARY MARK SHEET

1. True, True False	1+1+1
2. Leaching	3
3. Relief Rainfall	3
4. Active/ Igneous/Basalt	1+1+1
5. Limestone/ Chemical/The Burren	1+1+1
6. B=3, C=4, D=1	1+1+1
7. 1,3,5	3
8.A. Thermometer/Hygrometer/Stevenson Screen	1+1+1
Or	
8B. Labour/ Capital/Transport	1+1+1
9A. Tombolo/Coastal Deposition/Longshore Drift	1+1+1
Or	
9B. Drumlin/ Glacial Deposition/Moraine	1+1+1
10 A. Summer/ 18:23/ 8:24	1+1+1
Or	
10.B. USA (4 sections) Asia (3 sections) Other (1Section)	1+1+1
11. 2,3,5.	3
12. A=3, B=1, C=2	1+1+1
13. Arable/ 22.6%/Any Valid	1+1+1
14. Any Valid	1+1+1
15. <2.5%/5-19%/20-34%	1+1+1
16. Even/Convex/Concave	1+1+1
17. B=3, C=1, D=2	1+1+1
18. North West	3
19. Left Background	3
20. S 404/5 216/7	3

Summary Marking Scheme

Question 1. **THE EARTH'S SURFACE**

- A. (i) Name @2m
(ii) Two Explanations @4m each (St 2m +Dev 2m)
- B. (i) Name @ 2m
(ii) Two Explanations @ 4m each (St 2m + Dev 2m)
- C. (i) Name @ 2m
(ii) Name @ 2 m
(iii) Explanation @4m (St 2m +Dev 1m +Dev 1m)
Diagram @2m (Drawn + Labelled)

Question 2. **CLIMATE**

- A. (i) Name @ 2m
(ii) Name @ 2m
(iii) Name @ 2m
- B. Two descriptions @ 6m each (St 2m + Dev 2m+ Dev 2m)
- C. Three explanations @ 4m each (St 2m + Dev 1m +Dev 1m)

Question 3. **ECONOMIC ACTIVITIES**

- A. (i) Trend @ 2 marks (1+1)
(ii) One Explanation @ 2m (St 1+ Dev1)
(iii) Two Explanations @3m (St 2m +Dev 1m)
- B. (i) One name @ 1m
(ii) Three Descriptions @ 3m each (1+1+1)
- C. (i) Two Reasons @ 5m each (St 2m +Ev 2m +Dev 1m)

Question 4. **GEOGRAPHICAL MIX**

Answer three of the following questions A, B, C and D.

- A. **Unequal World**
(i) One name @ 2m
(ii) One Explanation @ 4m (St 2m+Dev 1m +Dev 1m)
(iii) One Reason @ 4m (St 2m + Dev 1m + Dev 1m)
- B. **Functional Zones**
(i) Two Explanations @ 5m each (St 2m + Dev 2m + Dev 1m)
- C. **Population**
(i) % Named @2m
(ii) One Explanation @ 4m (St 2m + Dev 1m + Dev 1m)
(iii) Two Ways named @ 2m each
- D. **Rivers**
(i) Feature named @ 1m Diagram @1m
(ii) Two explanations formation @ 4m each (St. 2m + Dev 1m + Diag/Process 1m))

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

- A. Four features @ 2mks
Frame of Sketch @ 2mks (Shape 1 mk + Orientation 1 mk)
- B. (i) Two patterns named @ 2m each
Two Patterns Located @ 2m each
(ii) Explanation of Location @4m (St2 + Dev 1 + Map Ref 1)
- C. Two reasons @ 4 m each (St 2mks + Dev 1m + Map Ref 1m)

