



Coimisiún na Scrúduithe Stáit
State Examinations Commission

LEAVING CERTIFICATE 2011

MARKING SCHEME

GEOGRAPHY

ORDINARY LEVEL

In considering this marking scheme the following should be noted:

The detail required in any answer is determined by the context and the manner in which the question is asked and by the number of marks assigned to the answer in the examination paper. Requirements and mark allocations may therefore vary from year to year.

Geographical Investigation- Core Unit 3

1. Introduction
4 SRPs @ 1 mark each
Conformity with prescribed length - 1 mark Total Marks 5

 2. Planning
4 SRPs @ 1 mark each
Conformity with prescribed length - 1 mark each Total Marks 5

 3. Gathering of Data
Two Methods/Tasks @ 18m each
Each method/task - 9 SRPs @ 2m each (18 x 2) 36 marks
- | | |
|---|---------|
| Coherence - 2 marks graded | |
| Conformity with prescribed length 2 marks | 4 marks |
- Total Marks 40
4. Results, Conclusions, Evaluation
Three headings @ 8 marks each
Each heading: 4 SRPs @ 2 marks each 24 marks
- | | |
|---|---------|
| Coherence - 4 marks graded | |
| Conformity with prescribed length 2 marks | 6 marks |
- Total Marks 30
5. Organisation and Presentation of Results
10 SRPs @ 2 marks each Total Marks 20

(Please refer to Appendix 1 for Topics List)

PART ONE – SHORT-ANSWER QUESTIONS – 100 MARKS

Attempt TEN questions

All Questions carry equal marks

1. Coastal Landforms

- | | | | |
|------|----------|---|---------|
| (i) | Sea Arch | B | 2 marks |
| | Blowhole | D | 2 marks |
| | Cliff | C | 2 marks |
| | Beach | A | 2 marks |
| (ii) | Beach | | 2 marks |

Total Marks 10

2. Rocks

- | | | | |
|--|-----------|---|---------|
| | Limestone | B | 2 marks |
| | Granite | E | 2 marks |
| | Sandstone | A | 2 marks |
| | Basalt | C | 2 marks |
| | Marble | D | 2 marks |

Total Marks 10

3. Processes of the earth

- | | | | |
|--|-------------|---|---------|
| | Freeze thaw | B | 2 marks |
| | Soil creep | C | 2 marks |
| | Abrasion | A | 2 marks |
| | Attrition | E | 2 marks |
| | Subduction | D | 2 marks |

Total Marks 10

4. Earthquakes

- | | | | |
|-------|---------------------------|--|---------|
| (i) | 2007 | | 2 marks |
| (ii) | 2010 | | 2 marks |
| (iii) | 8 | | 2 marks |
| (iv) | Richter or Mercalli Scale | | 2 marks |
| (v) | True | | 2 marks |

Total Marks 10

5. Weather Charts

- | | | |
|-------|------------|---------|
| (i) | Cold Front | 2 marks |
| (ii) | 996 | 2 marks |
| (iii) | Isobars | 2 marks |
| (iv) | True | 2 marks |
| (v) | True | 2 marks |

Total Marks 10

6. Ireland's Climate

- | | | |
|-------|---|---------|
| (i) | February | 2 marks |
| (ii) | July | 2 marks |
| | August | 2 marks |
| (iii) | 10.4 | 2 marks |
| (iv) | Cool Temperate Oceanic/Maritime
West European Type | 2 marks |

Total Marks 10

7. Glacial Landforms

- | | | | |
|------|-----------------|---|---------|
| (i) | U-Shaped valley | D | 2 marks |
| | Pyramidal peak | A | 2 marks |
| | Erratic | B | 2 marks |
| | Corrie lake | C | 2 marks |
| (ii) | Benefit Named | | 2 marks |

Total Marks 10

8. Population

- | | | |
|-------|---------------|---------|
| (i) | 3 billion | 2 marks |
| (ii) | 6.9 billion | 2 marks |
| (iii) | 3.9 billion | 2 marks |
| (iv) | Reason stated | 2 marks |
| (v) | Impact stated | 2 marks |

Total Marks 10

9. Regions

Paris Basin	B	2 marks
Mediterranean	D	2 marks
South Wales etc.	C	2 marks
The Burren	E	2 marks
Irish Gaeltacht	A	2 marks

Total Marks 10

10. Ordnance Survey

(i)	10 kms	5 marks
(ii)	North East	5 marks

Total Marks 10

11. Ordnance Survey

(i)	Parking	2 marks
	Boating activities	2 marks
(ii)	Beach	2 marks
(iii)	108 or 96 - 98 sq. kms	2 marks
(iv)	Reason stated	2 marks

Total Marks 10

12. Aerial Photograph and Ordnance Survey Map

(i)	Oblique	2 marks
	Right Foreground/Right Middleground	2 marks
	Centre Middleground/Centre Centre	2 marks
(ii)	Evidence stated	2 marks
(iii)	Cuan an Daingin/Dingle Harbour	2 marks
	An Chois	

Total Marks 10

PART TWO – STRUCTURED QUESTIONS – 300 MARKS

You must attempt **THREE** questions, as follows:

- **TWO** questions from **Section 1 – Core**:
 - **One** question from Questions 1, 2 and 3
 - AND**
 - **One** question from Questions 4, 5 and 6
- **ONE** question from **Section 2 - Electives**

THESE QUESTIONS ARE TO BE ANSWERED IN THE ANSWER BOOK

SECTION 1 – CORE

Questions 1 to 6

You **MUST** attempt **TWO** questions:

➤ **ONE** from **Patterns and Processes in the Physical Environment**

AND

➤ **ONE** from **Regional Geography**

PATTERNS AND PROCESSES IN THE PHYSICAL ENVIRONMENT

Questions 1 to 3

Attempt **ONE** question

Question 1

A. Ordnance Survey Map

Examine the 1:50,000 Ordnance Survey map accompanying this paper.

Draw a sketch map of the area **shown** and on it mark and **name** the following:

- The coastline
- The Milltown River
- A lighthouse
- A named area of land above 400 metres
- A corrie lake.

Scheme

Sketch Map as follows:

Limits/frame =

1 mark

Proportions =

2 marks graded

Overall impression =

2 marks graded

For an obvious tracing allow 50% of marks obtained for the features BUT 0 marks out of the 5 for sketch map.

Five items shown and named as follows:

Showing =

3 marks graded

Naming/identifying =

2 marks

Total Marks 30

B. Surface Processes

Answer (i) or (ii).

(i) Select any **one** of the following surface processes:

- Marine/sea action
- River action
- Glacial/ice action.

Explain with the aid of a diagram(s) the formation of any **two** Irish landforms resulting from your selected process.

Scheme

Formation of any two Irish landforms @ 20 marks =	40 marks
For each landform:	
Formation by processes explained @	20 marks each
Landform Named =	1 mark
Diagram (s)	
Two aspects @ 2 marks each	4 marks
Formation of landform explained	
5 SRPs @ 3 marks each	15 marks
(At least one SRP must explain a relevant process)	
(Allow named Irish example for one SRP)	

OR

(ii) Describe and explain any **two** processes of mass movement.

Scheme

Explain any two processes @ 20 marks each =	40 marks
For each process:	
Process stated =	2 marks
6 SRPs @ 3 marks each	18 marks

(Allow named example for one SRP)

Total Marks 40

C. Volcanoes

Explain, with the aid of a diagram(s), how volcanic eruptions occur.

Scheme

Diagram	
Three @ 2 marks each	6 marks
Explanation	
8 SRPs @ 3 marks each	24 marks

Total Marks 30

Question 2

A. Plate Tectonics

Scheme

- | | | |
|-------|-----------------------|---------|
| (i) | Pacific Ring of Fire | 4 marks |
| (ii) | Mid Atlantic Ridge | 4 marks |
| (iii) | Volcano 1 named | 4 marks |
| | Volcano 2 named | 4 marks |
| (iv) | Plate 1 | 4 marks |
| | Plate 2 | 4 marks |
| (v) | Brief explanation | |
| | 2 SRPs @ 3 marks each | 6 marks |

Total Marks 30

B. Rocks

- (i) Name **one** example of an igneous rock **OR one** example of a metamorphic rock.

Scheme

Rock named 2 marks

- (ii) Name a specific location in Ireland where the rock you named above is found.

Scheme

Location named 2 marks

- (iii) Describe how igneous rocks **OR** metamorphic rocks are formed.

Scheme

12 SRPs @ 3 marks each 36 marks graded

Total Marks 40

C. **Human Interaction**

Describe and explain how humans attempt to control **one** of the following surface processes:

- River Processes
- Coastal Processes
- Mass movement.

Scheme

Control named =

3 marks

Way explained/described

9 SRPs @ 3 marks each

27 marks

Total Marks 30

Question 3

A. Rock Cycle

Scheme

- | | |
|--------------------|---------|
| (i) Igneous | 6 marks |
| (ii) Named example | 6 marks |
| (iii) Sedimentary | 6 marks |
| (iv) Named example | 6 marks |
| (v) Use 1 | 3 marks |
| Use 2 | 3 marks |

Total Marks 30

B. Karst Landscape - Limestone

- (i) Name an example of a Karst region in Ireland.

Scheme

One named example in Ireland 1 mark

- (ii) Explain, with the aid of diagrams(s), how **one surface** feature in a Karst region is formed.

Scheme

Landform Named = 1 mark

Diagram(s)

Two aspects @ 1 mark each 2 marks

Formation of landform explained

6 SRPs @ 3 marks each 18 marks

(Sub-total 21)

- (iii) Explain, with the aid of a diagram(s), how **one underground** feature, in a Karst region is formed.

Scheme

Landform Named = 1 mark

Diagram(s)

Two aspects @ 1 mark each 2 marks

Formation of landform explained

5 SRPs @ 3 marks each 15 marks

(Sub-total 18)

Total Marks 40

C. Plate Tectonics

Describe and explain what happens at plate boundaries.

Scheme

Describing and explaining =

30 marks

10 SRPs @ 3 marks each

30 marks

Total Marks 30

REGIONAL GEOGRAPHY

Questions 4 to 6

Attempt **ONE** question

Question 4

A. Ireland – Regions

Draw a sketch map of Ireland.

On it **show** and **name**:

- Two named regions studied by you
- One named river
- One named mountain range.

Scheme

Sketch map of Ireland outline = 6 marks graded

Mark and identify 4 items @ 6 marks each

Region 1 named	Named	2 marks
	Shown	4 marks graded
Region 2 named	Named	2 marks
	Shown	4 marks graded
Named river	Named	2 marks
	Shown	4 marks graded
Mountain range	Named	2 marks
	Shown	4 marks graded

Total Marks 30

B. Economic Activities – Irish Regions

Name an **Irish** region you have studied and explain any **two** of the following:

- The reasons why **tourists** are attracted to this region
- The type of **farming** practices in this region
- The importance of **transport** in this region.

Scheme

Naming the region	1 mark
Activity 1 explained	
7 SRPs @ 3 marks each	21 marks
Activity 2 explained	
6 SRPs @ 3 marks each	18 marks

Total Marks 40

C. Continental/Sub-continental Regions

Describe the development of manufacturing industry in any **one Continental/Sub-continental region (not in Europe)** that you have studied.

Clearly state the name of the region in your answer.

Scheme

Naming the region

3 marks

Describing the development of manufacturing industry

9 SRPs @ 3 marks each

27 marks

Total Marks 30

Question 5

A. Irish Agriculture

Scheme

- | | | |
|-------|--|----------|
| (i) | 6% | 5 marks |
| (ii) | 11% | 5 marks |
| (iii) | 74% | 5 marks |
| (iv) | Crop named | 3 marks |
| (v) | Brief description of pastoral farming
4 SRPs @ 3 marks each | 12 marks |

Total Marks 30

B. Manufacturing Industry in Ireland

Explain how any **two** of the following influence the development of manufacturing industry in an **Irish** region you have studied:

- Transport
- Raw Materials
- Markets
- Government and EU Policies.

Clearly state the name of the region in your answer.

Scheme

- | | |
|-------------------------|----------|
| Naming the region | 3 marks |
| Two factors explained @ | 27 marks |
| Factor 1 explained | |
| 5 SRPs @ 3 marks each | 15 marks |
| Factor 2 explained | |
| 4 SRPs @ 3 marks each | 12 marks |

Total Marks 30

C. Agriculture in Europe

Explain how physical **and** economic factors influence the development of agriculture in a **European** region (not in Ireland) that you have studied.

Clearly state the name of the region in your answer.

Scheme

Naming the region

4 marks

Physical factors explained

6 SRPs @ 3 marks each

18 marks

Economic factors explained

6 SRPs @ 3 marks each

18 marks

Total Marks 40

Question 6

A. Continental/Sub-continental Region

Draw a sketch map of a **Continental / Sub-Continental** region (**not in Europe**) which you have studied.

On it **show** and **name**:

- Two named cities
- One named river
- One named mountain range.

Scheme

Sketch map of region outline =

6 marks graded

Mark and identify 4 items @ 6 marks each

City 1 named	Named	2 marks
	Shown	4 marks graded
City 2 named	Named	2 marks
	Shown	4 marks graded
Named river	Named	2 marks
	Shown	4 marks graded
Mountain range	Named	2 marks
	Shown	4 marks graded

Total Marks 30

B. European Regions – Transport

Describe the development of transport in any **one European** region (not in Ireland) which you have studied.

Clearly state the name of the region in your answer.

Scheme

Naming the region

1 marks

Describing the development of transport

13 SRPs @ 3 marks each

39 marks

Total Marks 40

C. Cultural Regions

A region's culture can be defined by any of the following:

- Religion
- Language
- Music/Dance
- Games.

Describe and explain the importance of culture in **any** region studied by you.

Scheme

Naming the region

3 marks

Describe and explain the importance of culture

9 SRPs @ 3 marks each

27 marks

Total Marks 30

SECTION 2 – ELECTIVES

Questions 7 to 12

You **MUST** attempt **ONE** question from:

Patterns and Processes in Economic Activities

OR

Patterns and Processes in the Human Environment

PATTERNS AND PROCESSES IN ECONOMIC ACTIVITIES

Questions 7 to 9

Question 7

A. Ordnance Survey Map

Examine the 1:50000 Ordnance Survey map and legend accompanying this paper.
Draw a sketch map of the area shown.

On it **show** and **name** the following:

- The entire N86 National Secondary Road
- The ferry route in Dingle Harbour
- An area of Coniferous Plantation
- A Tourist Information centre
- An Independent Holiday Hostel.

Scheme:

Sketch Map as follows:

Limits/frame =

1 mark

Proportions (landscape) =

2 marks graded

Overall impression =

2 marks graded

For an obvious tracing allow 50% of marks obtained for the features BUT 0 marks out of the 5 for sketch map.

Five items shown and named as follows:

Showing =

3 marks graded

Naming/identifying =

2 marks

Total Marks 30

B. Developed Economies

- (i) Name **one** developed economy where tourism **OR** financial services contribute to that economy.
Scheme
One developed economy named 4 marks
- (ii) Describe **one** reason for the growth of tourism **OR** financial services in the developed economy named.
Scheme
Reason stated 3 marks
Reason explained
3 SRPs @ 3 marks each 9 marks
- (iii) Explain **one** benefit that tourism **OR** financial services bring to the economies of developed countries.
Scheme
Benefit stated 3 marks
Benefit explained
3 SRPs @ 3 marks each 9 marks
- (iv) Explain **one** problem caused by tourism **OR** financial services.
Scheme
Problem stated 3 marks
Problem explained
3 SRPs @ 3 marks each 9 marks

Total Marks 40

C. Renewable Energy

- (i) Name **two** sources of renewable energy which are suitable for use in Ireland.
Scheme
Two sources named @ 3 marks each 6 marks
- (ii) Explain why the **two** sources named above, are suitable for use in Ireland.
Source 1 explained
4 SRPs @ 3 marks each 12 marks
Source 2 explained
4 SRPs @ 3 marks each 12 marks

Total Marks 30

Question 8

A. Irish Trade

Scheme

- | | | |
|-------|--------------------|---------|
| (i) | 44,835 | 5 marks |
| (ii) | 83,524 | 5 marks |
| (iii) | 38,689 | 5 marks |
| (iv) | Other EU countries | 5 marks |
| (v) | One reason stated | 5 marks |
| (vi) | Product 1 | 3 marks |
| | Product 2 | 2 marks |

Total Marks 30

B. Industrial Location

Examine the aerial photograph accompanying this paper.

It is proposed to build a fish processing factory on the green field site in the centre foreground of the aerial photograph.

- (i) Describe **two** advantages this site has for the location of a fish processing factory.

Scheme

Two advantages as follows:

Advantage stated 2 marks

Explained

3 SRPs @ 3 marks each 9 marks

(Sub-total 22)

- (ii) Describe **one** problem that might arise as a result of building a fish processing factory on this site.

Scheme

One problem as follows:

Problem stated 2 marks

Explained

2 SRPs @ 3 marks each 6 marks

(Sub-total 8)

Total Marks 30

C. Environmental Pollution

Pollution of the environment is a problem which can occur as a result of economic activities.

- (i) Name **two** economic activities that could cause environmental pollution.

Scheme

Two activities named @ 2 marks each

4 marks

(Sub-total 4)

- (ii) Explain **one** way that these economic activities cause environmental pollution.

Scheme

Way stated

3 marks

Explained

5 SRPs @ 3 marks each

15 marks

(Sub-total 18)

- (iii) Explain **one** solution to environmental pollution.

Scheme

Solution stated

3 marks

Explained

5 SRPs @ 3 marks each

15 marks

(Sub-total 18)

Total Marks 40

Question 9

A. World Energy

- (i) Use **graph paper**, draw a suitable graph to illustrate this data.
- Scheme
- | | |
|------------------------------------|----------------|
| Graph paper | 2 marks |
| Vertical Axis labelled - Circle | 3 marks graded |
| Horizontal Axis labelled - Centred | 3 marks graded |
| 4 Items @ 4 marks each graded | 16 marks |
| | (Sub-total 24) |
- (ii) In your answer book, name **two** types of energy which are not named in the table above.
- Scheme
- | | |
|--|---------------|
| Two types of energy named @ 3 marks each | 6 marks |
| | (Sub-total 6) |

Total Marks 30

B. Multinational Companies

- (i) Name **one** multinational company (MNC) operating in Ireland **and** state where it is located.
- Scheme
- | | |
|-------------|---------------|
| MNC named | 2 marks |
| MNC located | 4 marks |
| | (Sub-total 6) |
- (ii) Name **one** raw material used by this multinational company **and** state where the raw material is sourced.
- Scheme
- | | |
|----------------------|---------------|
| Raw material named | 2 marks |
| Raw material sourced | 4 marks |
| | (Sub-total 6) |
- (iii) Name **one** product manufactured by this multinational company **and** name **two** markets where the product is sold.
- Scheme
- | | |
|----------------|----------------|
| Product named | 2 marks |
| Market 1 named | 4 marks |
| Market 2 named | 4 marks |
| | (Sub-total 10) |
- (iv) Explain **one** reason why some multinational companies leave Ireland to locate elsewhere.
- Scheme
- | | |
|------------------|-----------------------|
| Reason stated | 3 marks |
| Reason explained | 5 SRPs @ 3 marks each |
| | 15 marks |
| | (Sub-total 18) |

Total Marks 40

C. Ireland and the European Union

- (i) Name any **one** European Union policy which affects Ireland's economy.

Scheme

European Union policy named 6 marks

- (ii) Describe and explain **two** effects of this policy on Ireland's economy.

Scheme

Two effects = 24 marks

For each effect:

Effect stated 3 marks

Described and explained

3 SRPs @ 3 marks each 9 marks

Total Marks 30

PATTERNS AND PROCESSES IN THE HUMAN ENVIRONMENT

Questions 10 to 12

Question 10

A. World Population

- (i) In what category of population density is Ireland?

Scheme

50-74

6 marks

- (ii) Name **one** country in the 0-9 category of population density.

Scheme

Country named

6 marks

- (iii) Explain briefly what is meant by population density.

Scheme

Explanation

Two SRPs @ 3 marks each

6 marks

- (iv) Explain briefly **one** negative effect of **high** population density.

Scheme

Effect explained

Two SRPs @ 3 marks each

6 marks

- (v) Explain briefly **one** negative effect of **low** population density.

Scheme

Effect explained

Two SRPs @ 3 marks each

6 marks

Total Marks 30

B. Transport in Urban Areas

- (i) Name **one** traffic problem experienced by cities that are growing rapidly.
Scheme
One traffic problem named 5 marks
- (ii) Name **one** city that has such a problem
Scheme
One city named 5 marks
- (iii) Explain **two** reasons why this problem has developed.
Scheme
Reason 1 stated 3 marks
Explained
2 SRPs @ 3 marks each 6 marks
Reason 2 stated 3 marks
Explained
2 SRPs @ 3 marks graded 6 marks
(Sub-total 18)
- (iv) Explain **one** solution to this problem.
Scheme
Solution stated 3 marks
Explained
3 SRPs @ 3 marks each 9 marks
(Sub-total 12)

Total Marks 40

C. Population

- (i) Explain the term 'birth rate'.
Scheme
Birth rate explained
3 SRPs @ 3 marks each 9 marks
(Sub-total 9)
- (ii) Explain how any of the following factors influences birth rates:
- Medical technology
 - Culture and society
 - Income levels.
- Scheme
Factor(s) explained
7 SRPs @ 3 marks each 21 marks
(Sub-total 21)

Total Marks 30

Question 11

A. Population

- (i) Examine the data above showing approximate figures for the population of a number of Irish counties.

Scheme

Graph paper	2 marks
Vertical Axis labelled - Circle	3 marks graded
Horizontal Axis labelled - Centred	3 marks graded
4 Items @ 4 marks each graded	16 marks
	(Sub-total 24)

- (ii) In your answer book explain why Co. Dublin has the largest population.

Scheme

Explaining why Co Dublin has the largest population

2 SRPs @ 3 marks each	6 marks
	(Sub-total 6)

Total Marks 30

B. Migration

- (i) Explain **two** reasons why people migrate from rural areas to cities.

Scheme

Reason 1 stated	3 marks
Explained	
2 SRPs @ 3 marks each	6 marks
Reason 2 stated	3 marks
Explained	
2 SRPs @ 3 marks graded	6 marks
	(Sub-total 18)

- (ii) Explain **one** effect this has on the rural areas they have left behind.

Scheme

Effect stated	3 marks
Explained	
3 SRPs @ 3 marks each	9 marks
	(Sub-total 12)

- (iii) Explain **one** reason why large numbers of people are emigrating from Ireland in recent times.

Scheme

Reason stated	3 marks
Explained	
2 SRPs @ 3 marks each	6 marks
	(Sub-total 9)

* Understanding of the concept of migration = 1 mark

Total Marks 40

C. Urban Issues

- (i) Examine the photographs of urban issues shown above and match each of the letters on the photograph with **one** of the urban issues listed below.

Write your answer in your answer book.

- Cities of the future B
- Urban transport C
- Urban problems D
- Heritage issues. A

Scheme

Matching issues to photograph as above

4 SRPs @ 3 marks each

12 marks

- (ii) Describe any **one** of the urban issues listed above.

Scheme

Issue described

6 SRPs @ 3 marks each

18 marks

Total Marks 30

Question 12

A. Land Use

Examine the aerial photograph accompanying this paper.
Draw a sketch map of the area shown on the aerial photograph.
On your sketch map **show** and **name** the following:

- A port area
- A carpark
- A main shopping street
- A roundabout
- A housing estate.

Scheme

Sketch Map as follows:

Limits/frame =

1 mark

Proportions (landscape) =

2 marks graded

Overall impression =

2 marks graded

For an obvious tracing allow 50% of marks obtained for the features BUT 0 marks out of the 5 for sketch map.

Five items shown and named as follows:

Showing =

3 marks graded

Naming/identifying =

2 marks

Total Marks 30

B. Population Density and Distribution

Study the Ordnance Survey map and legend accompanying this paper and answer the following questions:

- (i) Give a 4 figure grid reference for an area on the map which has a **high** population density.
Scheme
Four/Six figure grid 4 marks graded
- (ii) Explain in detail, using map evidence, why there is a **high** density of population at this location.
Scheme
Explained
4 SRPs @ 3 marks each 12 marks
Map evidence 4 marks graded
(Sub-total 16)
- (iii) Give a 4 figure grid reference for an area on the map with a **low** population density.
Scheme
Four/Six figure grid 4 marks
- (iv) Explain in detail, using map evidence, why there is a **low** density of population at this location.
Scheme
Explained
4 SRPs @ 3 marks each 12 marks
Map evidence 4 marks
(Sub-total 16)

Total Marks 40

C. Urban Functions

Describe how the functions of **any** urban area studied by you have changed over time.

Clearly state the name of the urban area in your answer.

Naming the urban area 3 marks

Describe the functions

9 SRPs @ 3 marks each 27 marks

Total Marks 30

Appendix 1 – Geographical Investigation Topics

The list of Prescribed Topics for candidates sitting the 2011 examination is as follows:

1. Geomorphic process of transportation and / or deposition in a fluvial or coastal environment.
2. Human interaction with the geomorphic processes in a glacial or coastal or fluvial or karst environment.
3. A study of how land-use affects traffic flow patterns in a local area.
4. Analysis of a waste management strategy in a local area.
5. Fifty years of population – a local demographic study.
6. The changing economic landscape in a rural or urban setting.

Appendix 2 – Marcanna Breise as ucht freagairt trí Ghaeilge

Léiríonn an tábla thíos an méid marcanna breise ar chóir a bhronnadh ar iarrthóirí a ghnóthaíonn thar 75% d'iomlán na marcanna.

N.B. Ba chóir marcanna de réir an ghnáthráta a bhronnadh ar iarrthóirí nach ghnóthaíonn thar 75% d'iomlán na marcanna. Ba chóir freisin an marc bónais sin a shlánú síos.

Iomlán: 400 Gnathráta: 10%

Bain úsáid as an ngnáthráta i gcás marcanna suas go 300. Thar an marc sin, féach an tábla thíos.

Bunmharc	Marc Bónais
301 - 303	29
304 - 306	28
307 - 310	27
311 - 313	26
314 - 316	25
317 - 320	24
321 - 323	23
324 - 326	22
327 - 330	21
331 - 333	20
334 - 336	19
337 - 340	18
341 - 343	17
344 - 346	16
347 - 350	15

Bunmharc	Marc Bónais
351 - 353	14
354 - 356	13
357 - 360	12
361 - 363	11
364 - 366	10
367 - 370	9
371 - 373	8
374 - 376	7
377 - 380	6
381 - 383	5
384 - 386	4
387 - 390	3
391 - 393	2
394 - 396	1
397 - 400	0

Geographical Investigation – Not included in total for bonus marks

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

