



Coimisiún na Scrúduithe Stáit
State Examinations Commission

Leaving Certificate 2026

Marking Scheme

Geography

Ordinary Level

Note to teachers and students on the use of published marking schemes

Marking schemes published by the State Examinations Commission are not intended to be standalone documents. They are an essential resource for examiners who receive training in the correct interpretation and application of the scheme. This training involves, among other things, marking samples of student work and discussing the marks awarded, so as to clarify the correct application of the scheme. The work of examiners is subsequently monitored by Advising Examiners to ensure consistent and accurate application of the marking scheme. This process is overseen by the Chief Examiner, usually assisted by a Chief Advising Examiner. The Chief Examiner is the final authority regarding whether or not the marking scheme has been correctly applied to any piece of candidate work.

Marking schemes are working documents. While a draft marking scheme is prepared in advance of the examination, the scheme is not finalised until examiners have applied it to candidates' work and the feedback from all examiners has been collated and considered in light of the full range of responses of candidates, the overall level of difficulty of the examination and the need to maintain consistency in standards from year to year. This published document contains the finalised scheme, as it was applied to all candidates' work.

In the case of marking schemes that include model solutions or answers, it should be noted that these are not intended to be exhaustive. Variations and alternatives may also be acceptable. Examiners must consider all answers on their merits, and will have consulted with their Advising Examiners when in doubt.

Future Marking Schemes

Assumptions about future marking schemes on the basis of past schemes should be avoided. While the underlying assessment principles remain the same, the details of the marking of a particular type of question may change in the context of the contribution of that question to the overall examination in a given year. The Chief Examiner in any given year has the responsibility to determine how best to ensure the fair and accurate assessment of candidates' work and to ensure consistency in the standard of the assessment from year to year. Accordingly, aspects of the structure, detail and application of the marking scheme for a particular examination are subject to change from one year to the next without notice.

Geographical Investigation - Core Unit 3

1. Introduction

4 SRPs @ 1m each

Conformity with prescribed length – 1m

Total marks 5

2. Planning

4 SRPs @ 1m each

Conformity with prescribed length – 1m

Total marks 5

3. Gathering of Data

Two Methods/Tasks @ 18m each

Each method/task – 9 SRPs @ 2m each

36m

Allow one SRP for diagram for each Method/Task.

Coherence – 2m graded (2/1/0)

Conformity with prescribed length 2m

4m

Total marks 40

4. Results, Conclusions, Evaluation

Three headings @ 8m each

Each heading: 4 SRPs @ 2m each

24m

Coherence – 4m graded (4/2/0)

Conformity with prescribed length 2m

6m

Total marks 30

5. Organisation and Presentation of Results

Two different methods of presentation.

Each presentation: 5 SRPs @ 2m each

Total marks 20

Breakdown of Presentation Marks

Pie Chart / Trend Graph / Bar Chart / Scatter Graph etc.

X axis labelled / circle	2m
Y axis labelled / centred	2m
Data presented correctly	2m
Data presented correctly	2m
Overall impression	2m graded (2/1/0)

Diagram / Sketch / Map

1 piece of annotated information	Shown 2m + Named 2m
1 piece of annotated information	Shown 2m + Named 2m
Overall impression	2m graded (2/1/0)

Table

Title	2m
Rows labelled	2m
Columns labelled	2m
Data	2m
Overall impression	2m graded (2/1/0)

PART ONE – SHORT-ANSWER QUESTIONS – 100 MARKS

ANY **TEN** QUESTIONS @ 10 MARKS EACH

Mark **all** questions attempted and award ten questions with highest marks.

Q.1 (i)	D	2m	
	B	2m	
	A	2m	
	C	2m	
(ii)	True	2m	Total 10m
Q.2 (i)	The Giants Causeway, Co.Antrim	2m	
(ii) (a)	False	2m	
(b)	True	2m	
(iii)	Valid answer (e.g. Marble, Quartzite, etc)	2m + 2m	Total 10m
Q.3 (i)	Rock Armour	2m	
(ii)	Erosion	2m	
	Deposition	2m	
	Deposition	2m	
	Erosion	2m	Total 10m
Q.4 (i)	D	2m	
	C	2m	
	A	2m	
	B	2m	
(ii)	Valid answer	2m	Total 10m
Q.5 (i)	B	2m	
	C	2m	
	A	2m	
	D	2m	
(ii)	True	2m	Total 10m
Q.6 (i)	18 km ²	5m	
(ii)	10.2 km	5m	Total 10m

Q.7 (i)	Lighthouse in use	2m	
	Tourist Information Centre	2m	
	Parking	2m	
(ii)	274m	2m	
(iii)	Correct symbol	2m	Total 10m
Q.8 (i)	False	2m	
(ii)	True	2m	
(iii)	True	2m	
(iv)	True	2m	
(v)	False	2m	Total 10m
Q.9	B	2m	
	D	2m	
	E	2m	
	A	2m	
	C	2m	Total 10m
Q.10 (i)	B	2m	
	C	2m	
	A	2m	
	D	2m	
(ii)	Correct symbol	2m	Total 10m
Q.11 (i)	8.1 million	2m	
(ii)	€786	2m	
(iii)	7.6 nights	2m	
(iv)	UK	2m	
(v)	Valid answer	2m	Total 10m
Q.12 (i)	12.9 (°C)	2m	
(ii)	January	2m	
(iii)	March	2m	
(iv)	254.7 (mm)	2m	
(v)	Four	2m	Total 10m

PART TWO – STRUCTURED QUESTIONS – 300 MARKS

You must attempt **THREE** questions. You must answer one question from two different sections below:

- Section 1: **Patterns and Processes in the Physical Environment** (Questions 1-3)
- Section 2: **Regional Geography** (Questions 4-6)
- Section 3: **Electives** (Questions 7-12)

The third question can be from any section.

All questions carry equal marks.

THESE QUESTIONS ARE TO BE ANSWERED IN THE ANSWERBOOK CONTAINING PART ONE

SECTION 1
PATTERNS AND PROCESSES IN THE PHYSICAL ENVIRONMENT

Questions 1 to 3

All questions carry 100 marks.

Question 1

1A. Ordnance Survey Map

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

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

On it, **show** and **label** each of the following:

- The coastline
- An area of land over 200m in height
- An area of deciduous woodland
- The railway line
- The Flurry River.

Sketch Outline:

Limits/Frame	1m
Proportions (landscape)	2m
Overall Impression	2m graded (2/1/0)
Sub-total 5m	

Five items shown and labelled as follows:

Showing	3m graded (3/1/0)
Labelled	2m
Sub-total 25m	

For an obvious tracing allow 50% of the marks obtained for showing and labelling items and 0m out of 5m for limits, proportion and overall impression.

Total 30m

1B. Landform Development

Answer (i) or (ii)

(i) Explain, with the aid of diagrams, the formation of any **two** landforms.

Formation of any two landforms @ 20m each.

For each landform:

Landform named	1m
Diagram(s) two aspects @ 2m each	4m
Formation explained 5 SRPs @ 3m each	15m

At least one SRP must explain a relevant process.

Allow one SRP for a named example.

Relevant information, additional to the text, given on diagrams can be awarded SRPs.

Or

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

Any two processes @ 20m each

For each process:

Process stated	2m
Description / Explanation 6 SRPs @ 3m each	18m

At least one SRP for explanation.

Allow a named example for one SRP.

Allow one SRP for relevant annotated diagram.

Relevant information, additional to the text, given on diagrams can be awarded SRPs.

Total 40m

1C. Earthquakes

(i) Name **two** geographical locations where earthquakes have occurred.

Two valid locations named **3m + 3m**

(ii) Name **one** scale used to measure earthquakes.

One valid scale named **3m**

(iii) Explain how earthquakes occur **and** describe their main effects.

Explanation/description 7 SRPs @ 3m each **21m**

At least one SRP for explanation of how earthquakes occur.

At least one SRP for description of main effects of earthquakes.

Allow one SRP for relevant annotated diagram.

Relevant information, additional to the text, given on the diagrams can be awarded SRPs.

Total 30m

Question 2

2A. Surface Processes



www.discoverireland.ie



www.ireland.com



www.concreteplayground.com

- (i) In your answer book, match each of the photographs **A**, **B** and **C** with the *landform* that best matches it from the list below:

- | | | |
|------------|-----------|-----------|
| • B | Waterfall | 3m |
| • A | Sea Stack | 3m |
| • C | Drumlin | 3m |

- (ii) In your answer book, match each of the photographs **A**, **B** and **C** with the *process* most associated with its formation from the list below:

- | | | |
|------------|--------------------|-----------|
| • A | Coastal Erosion | 3m |
| • C | Glacial Deposition | 3m |
| • B | River Erosion | 3m |

- (iii) Explain briefly the processes of:

- | | | |
|---|-----------|--|
| • Hydraulic action | | |
| Brief explanation two SRPs @ 3m each | 6m | |
| • Abrasion | | |
| Brief explanation two SRPs @ 3m each | 6m | |

Total 30m

2B. Karst Landscapes

- (i) Name **one** example of a karst landscape.

Karst landscape named **4m**

- (ii) Explain, with the aid of a labelled diagram, how **one** surface feature in a karst landscape was formed.

Feature named **2m**

Diagram(s) two aspects @ 2m each **4m**

Formation explained 4 SRPs @ 3m each **12m**

Relevant information, additional to the text, on diagrams can be awarded SRPs.

- (iii) Explain, with the aid of a labelled diagram, how **one** underground feature in a karst landscape was formed.

Feature named **2m**

Diagram(s) two aspects @ 2m each **4m**

Formation explained 4 SRPs @ 3m each **12m**

Relevant information, additional to the text, on diagrams can be awarded SRPs.

Total 40m

2C. Human Interaction with the Rock Cycle

Describe and explain how humans interact with the rock cycle with reference to **one** of the following:

- Quarrying
- Mining
- Oil/Gas exploitation
- Geothermal energy production.

Description/explanation 10 SRPs @ 3m each.

Allow one SRP for a named example.

At least one SRP for explanation.

Allow one SRP for relevant annotated diagram.

Relevant information, additional to the text, given on the diagrams can be awarded SRPs.

Positive and negative interpretation can be accepted.

Total 30m

Question 3

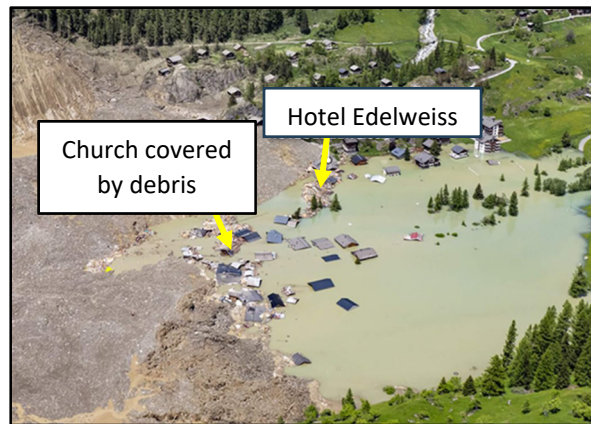
3A. Mass Movement

A village in Switzerland has been partially destroyed after a huge chunk of glacier ice crashed down into the valley.

Climate change is causing glaciers to melt faster. This extra water from the glaciers has caused more landslides.

To help reduce the risk of injury and death, residents evacuated before the landslide. This was due to concerns about the glacier breaking and melting.

One person has been reported missing and several people have been injured. Homes, the church and Hotel Edelweiss have been covered by debris from the landslide. This landslide was recorded at every monitoring station in Switzerland. Tonnes of debris have also blocked the River Lonza, causing a flood risk.



Amended from www.bbc.com

Examine the news article above that describes a glacier melting and a landslide that followed and answer each of the following questions.

- (i) In which country did the landslide take place?
Switzerland **6m**
- (ii) What was the cause of the landslide?
Extra water from melting glaciers **6m**
- (iii) Name **one** way the residents had prepared for the landslide.
The village was evacuated before the landslide **6m**
- (iv) List **two** effects of the landslide.
Two effects listed @ 3m each **3m + 3m**
- (v) Explain briefly why there is now a flood risk in the area mentioned in the article.
Brief explanation **3m + 3m**

[30m]

3B. Rocks

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

Igneous rock named 3m

- (ii) State **one** location where igneous rock can be found.

Valid location stated 3m

- (iii) State **two** uses of igneous rocks.

Valid uses stated 4m + 3m

- (iv) Describe and explain how igneous rocks are formed.

Description/Explanation 9 SRPs @ 3m 27m

At least one SRP for explanation.

Allow one SRP for relevant annotated diagram.

Relevant information, additional to the text, given on diagrams can be awarded SRPs

Total 40m

3C. Human Interaction with Surface Processes

Examine how humans interact with **one** of the following surface processes:

- River processes
- Coastal processes
- Mass movement processes.

Interaction identified 3m

Explanation 9 SRPs @ 3m each 27m

Allow a second interaction identified for one SRP.

All further interactions must be explained for SRPs.

Allow one SRP for a named example.

Allow one SRP for relevant annotated diagram.

Relevant information, additional to the text, given on the diagrams can be awarded SRPs.

Positive and negative interpretation can be accepted.

Total 30m

SECTION 2

REGIONAL GEOGRAPHY

Questions 4 to 6

All questions carry 100 marks.

4A. Map Skills

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

On it, **show** and **name** each of the following:

- **One** named river in this region
- **Two** named towns or cities in this region
- **One** named area of relief (upland or lowland) in this region.

Outline of Region

6m graded (6/4/2/0)

River:

Named

2m

Shown

4m graded (4/2/0)

Town/City 1:

Named

2m

Shown

4m graded (4/2/0)

Town/City 2:

Named

2m

Shown

4m graded (4/2/0)

Relief (upland/lowland):

Named

2m

Shown

4m graded (4/2/0)

Total 30m

4B. Primary Economic Activity in a European Region

Answer each of the following questions with reference to a **European** region (**not in Ireland**) that you have studied.

- (i) Name **one** example of a primary economic activity that contributes to the economy of this region.

One valid primary economic activity named **4m**

- (ii) Explain the advantages that this region has for the development of the primary economic activity named in part (i) above.

Explanation 9 SRPs @ 3m each **27m**

Allow a named region for one SRP.

- (iii) Describe **one** challenge faced by this primary economic activity in this region.

Description 3 SRPs @ 3m each **9m**

Total 40m

4C. Regions and Culture

The culture of a region can often be determined by the following factors:

Religion	Language	Sport/Games	Music/Dance
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Describe and explain the importance of culture in any **one** region that you have studied.

Description/explanation 10 SRPs @ 3m each

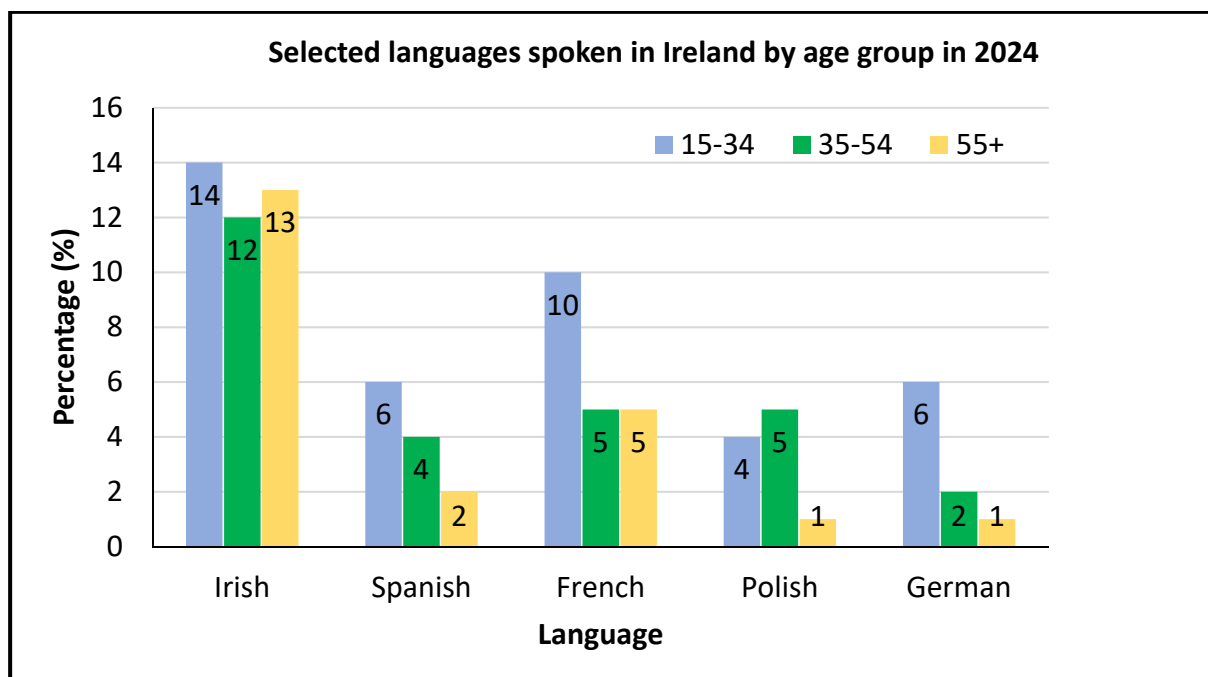
Allow a cultural region named for one SRP

At least one SRP for explanation.

Total 30m

Question 5

5A. Languages in Ireland



Amended from languageknowledge.eu

Examine the chart above showing selected languages spoken in Ireland by age group in 2024 and answer each of the following questions.

- (i) Which of the three age groups shown spoke the most Irish?

15-34

6m

- (ii) In the 35-54 age group, what language was spoken least?

German

6m

- (iii) Calculate the total percentage of French spoken by the three age groups shown.

20%

6m

- (iv) State **one** way that the Irish language could be promoted further.

One way stated

6m

- (v) Explain briefly **one** advantage of speaking an additional language.

Brief explanation

2 SRPs @ 3m each

3m + 3m

Total 30m

5B. Economic Activities – Continental / Sub-Continental Region

Explain the development of any **two** of the following with reference to a **Continental / Sub-Continental** region (**not in Europe**) that you have studied:

- The factors influencing **agriculture** in the region
- The importance of **manufacturing** to the region
- The reasons why **tourists** are attracted to the region.

Region named	4m
Activity 1 explained 6 SRPs @ 3m each	18m
Activity 2 explained 6 SRPs @ 3m each	18m

Total 40m

5C. Characteristics of Regions

- (i) Name **one** example of a core region **and** explain why this region is a core region.

Valid core region named	3m
Explanation: 4 SRPs @ 3m each	12m

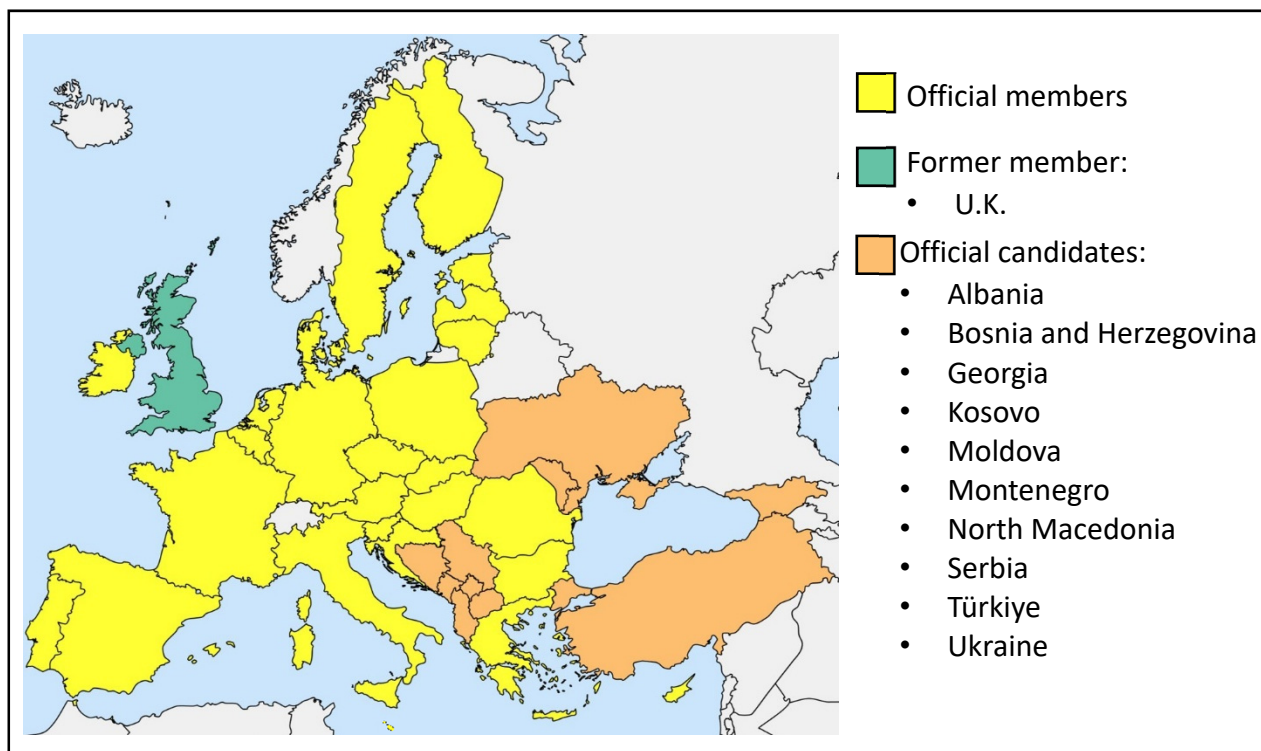
- (ii) Name **one** example of a peripheral region **and** explain why this region is a peripheral region.

Valid peripheral region named	3m
Explanation: 4 SRPs @ 3m each	12m

Total 30m

Question 6

6A. European Union (EU)



Amended from www.enlargement.ec.europa.eu

Examine the map above showing official and former members of the European Union (EU), as well as official candidates for membership. Answer each of the following questions.

- | | | |
|-------|---|------------------|
| (i) | Name one former member of the European Union. | |
| | U.K. | 6m |
| (ii) | Name one country, shown on the map, that is an official candidate for European Union membership. | |
| | Valid answer | 6m |
| (iii) | State one reason why countries want to join the EU. | |
| | Valid answer | 6m |
| (iv) | State two advantages of European Union membership for Ireland. | |
| | Two advantages stated @ 3m each | 3m + 3m |
| (v) | Explain briefly one challenge facing the EU today. | |
| | Brief explanation two SRPs @ 3m each | 3m + 3m |
| | | Total 30m |

6B. Tertiary Economic Activities – Irish Region

Answer each of the following questions with reference to an **Irish** region that you have studied.

- (i) Name **one** tertiary economic activity that contributes to the economy of this region.

One valid tertiary economic activity named **4m**

- (ii) Explain the advantages that this region has for the development of the tertiary economic activity named in part (i) above.

Explanation 9 SRPs @ 3m each **27m**

Allow a named region for one SRP.

- (iii) Describe **one** challenge faced by this tertiary economic activity in this region.

Description 3 SRPs @ 3m each **9m**

Total 40m

6C. Urban Regions

Describe and explain the reasons for the growth of any **one** urban area that you have studied.

Description/explanation 10 SRPs @ 3m each

At least one SRP for explanation.

Allow an urban area named for one SRP.

Total 30m

SECTION 3

ELECTIVES

Questions 7 to 12

Patterns and Processes in Economic Activities (Questions 7, 8 and 9)

Patterns and Processes in the Human Environment (Questions 10, 11 and 12)

All questions carry 100 marks.

PATTERNS AND PROCESSES IN ECONOMIC ACTIVITIES

Questions 7 to 9

All questions carry 100 marks.

Question 7

7A. Aerial Photograph

Examine the aerial photograph of Dundalk accompanying this paper.

Draw a sketch map of the area shown on the aerial photograph.

On it, **show** and **label** each of the following:

- The river
- A bridge
- A recreational area
- An agricultural area in the right foreground
- A warehouse in the centre foreground.

Sketch Outline:

Limits/frame	1m
Proportions (landscape)	2m
Overall impression	2m graded (2/1/0)
	Sub-total 5m

Five items shown and labelled as follows:

Showing	3m graded (3/1/0)
Labelled	2m
	Sub-total 25m

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

Total 30m

7B. Economic Development – Developed Economy

Describe and explain the development of **one** of the following with reference to a developed economy that you have studied:

- Tourism
- Financial services
- Service and footloose industries.

Named developed economy	4m
Description/explanation 12 SRPs @ 3m each	36m
At least one SRP for explanation.	

Total 40m

7C. Ireland and the European Union

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

Valid policy named	3m
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- (ii) Describe and explain the effects of European Union policy(ies) on Ireland's economy.

Effect identified 1 SRP @ 3m	3m
Description and explanation 8 SRPs @ 3m each	24m

Allow a second effect identified for one SRP

At least one SRP for explanation

Total 30m

Question 8

8A. Renewable Energy

At Emerald Park in Co. Meath, the new Solar Panel Project will generate 128 kWh of clean energy from 300 solar panels. This will reduce carbon emissions at the park by 37 tonnes annually.

This will also save the site more than €30,000 every year in energy costs. The park will be powered by renewable sources such as solar energy.

These new solar panels will generate enough electricity to power the entire park for a full month. There will also be twenty electric car charging points available.



Amended from irishpost.com

Examine the article above about the installation of solar panels in Emerald Park and answer each of the following questions.

- (i) How many solar panels will be installed at Emerald Park?
300 solar panels **6m**
- (ii) How many kWh of clean energy will be generated by the project?
128 kWh **6m**
- (iii) State **one** benefit of having solar panels in Emerald Park.
Valid benefit **6m**
- (iv) Name **two** sources of renewable energy.
Two valid sources named **3m + 3m**
- (v) Explain briefly **one** disadvantage of renewable energy.
Brief explanation 2 SRPs @ 3m each **3m + 3m**

Total 30m

8B. Multinational Company

- (i) Name **one** multinational company that you have studied **and** state where this multinational company is located in Ireland.

Valid MNC named **2m**

Valid location stated **2m**

- (ii) Name **one** raw material required by this multinational company **and** name **one** product manufactured by this multinational company.

Raw material named **3m**

Valid product named **3m**

- (iii) Explain the advantages of being located in Ireland for this multinational company.

Explanation 7 SRPs @ 3m each **21m**

- (iv) Explain **one** difficulty facing this multinational company.

Explanation 3 SRPs @ 3m each **9m**

Total 40m

8C. Economic Activity and Conflict

- (i) Name **one** example of how the development of economic activities has resulted in conflict arising between people.

Valid example named **3m**

- (ii) Describe and explain this conflict.

Description and Explanation 9 SRPs @ 3m each **27m**

At least one SRP for explanation.

Total 30m

9A. Economic Development

Expected Years of Schooling for
Selected Countries 2023

Country	Years
Greece	20
Norway	18
Chad	8
Serbia	15
Madagascar	9

Amended from www.hdr.undp.org

Examine the table above showing expected years of schooling for selected countries in 2023 and answer each of the following questions.

- (i) Using graph paper, draw a suitable graph to illustrate this data.

Graph paper	3m
Vertical axis labelled/Circle	3m graded (3/1/0)
Horizontal axis labelled/Centred	3m graded (3/1/0)
5 items @ 3m each graded (3/1/0)	15m
	Sub – total 24m

- (ii) In your answer book, state **two** reasons why the expected years of schooling in some countries is much lower than others.

Two reasons stated @ 3m each	6m
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Total 30m

9B. Economic Activity – Ordnance Survey Map

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

Imagine you have been given the task of finding a suitable location for a new large hotel within the area covered by the map.

- (i) State, using a six-figure grid reference, where you would locate the hotel.

Six-figure grid reference **4m graded (4/2/0)**

- (ii) Explain the reasons why you chose this location.

Reasons explained 9 SRPs @ 3m each **27m**

- (iii) Describe **one** disadvantage of locating the hotel at this location.

One disadvantage described 3 SRPs @ 3m each **9m**

[40m]

9C. Fossil Fuels

- (i) Name **two** fossil fuels.

Two valid fossil fuels named **3m + 3m**

- (ii) Describe and explain the impact of burning fossil fuels on the environment.

Impact Identified **3m**

Description/explanation 7 SRPs @ 3m each **21m**

Allow a second impact identified for one SRP

At least one SRP for explanation

Total 30m

PATTERNS AND PROCESSES IN THE HUMAN ENVIRONMENT

Questions 10 to 12

All questions carry 100 marks.

Question 10

10A. Aerial Photograph

Examine the aerial photograph of Dundalk accompanying this paper.

Draw a sketch map of the area shown on the aerial photograph.

On it, **show** and **label** each of the following:

- The river
- A car park
- An industrial area in the background
- A sports ground in the right middleground
- An area of terraced housing in the left middleground.

Sketch Outline:

Limits/frame	1m
Proportions (landscape)	2m
Overall impression	2m graded (2/1/0)
	Sub-total 5m

Five items shown and labelled as follows:

Showing	3m graded (3/1/0)
Labelled	2m
	Sub-total 25m

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

Total 30m

10B. Population Dynamics

‘Birth rates and death rates are influenced by many factors including income levels, culture and society and medical technology.’

Describe and explain the factors that influence birth rates and death rates.

Factors named	5m + 5m
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Description/explanation 10 SRPs @ 3m each	30m
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At least one SRP for explanation.

Total 40m

10C. Urban Sprawl

- (i) Name **one** city where urban sprawl has occurred.

City named	3m
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- (ii) Explain the reasons why urban sprawl has occurred in this city.

Explanation 6 SRPs @ 3m each	18m
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- (iii) Describe **one** solution to urban sprawl.

Description 3 SRPs @ 3m each	9m
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Total 30m

11A. Population

Population of Ireland by age group (%), 2024

Age group	Percentage (%) of total population
0-14	18
15-24	13
25-44	27
45-64	26
65+	16

Amended from www.cso.ie

Examine the data above showing population of Ireland by age group (%) in 2024 and answer each of the following questions.

- (i) Using graph paper, draw a suitable graph to illustrate this data.

Graph paper	3m
Vertical axis labelled/Circle	3m graded (3/1/0)
Horizontal axis labelled/Centred	3m graded (3/1/0)
5 items @ 3m each graded (3/1/0)	15m

- (ii) In your answer book, explain briefly **one** challenge associated with an increase in population.

Brief explanation 2 SRPs @ 3m each	6m
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Total 30m

11B. Migration – Rural to Urban

- (i) State **two** reasons why people migrate from rural areas to urban areas.
Valid reasons stated **2m + 2m**
- (ii) Describe and explain the effect of this migration on the urban areas that people migrate to.
Description/explanation 6SRPs @ 3m each **18m**
At least one SRP for explanation.
- (iii) Describe and explain the effect of this migration on the rural areas they leave behind.
Description/explanation 6SRPs @ 3m each **18m**
At least one SRP for explanation.

Total 40m

11C. Settlement Distribution

Examine the 1:50 000 Ordnance Survey map and legend accompanying this paper and answer each of the following questions.

- (i) Give a grid reference for an area on the map where there is an **absence** of settlement.
Grid reference **3/1/0m**
- (ii) Explain in detail, using evidence from the map, why there is an **absence** of settlement at this location.
Explanation 4 SRPs @ 3m each **12m**
- (iii) Give a grid reference for an area on the map that has a relatively **high** density of settlement.
Grid reference **3/1/0m**
- (iv) Explain in detail, using evidence from the map, why there is a relatively **high** density of settlement at this location.
Explanation 4 SRPs @ 3m each **12m**

Total 30m

Question 12

12A. Urban Development

Cork is set to be the fastest-growing city in Ireland over the next 20 years. The population is set to grow up to 60 percent in that time. This means that the transport network needs to be developed.

LUAS Cork has been proposed and will run across the city, connecting key destinations along the line. LUAS Cork will deliver large scale urban regeneration. This includes the development of the Cork City Docklands as well as older parts of the city.

This development is expected to deliver 20,000 new homes and almost 25,000 jobs. LUAS Cork will reduce traffic congestion, lower carbon emissions, and improve air quality.



Amended from www.transportforireland.ie

Examine the information above about the plans for LUAS Cork and answer each of the following questions.

- (i) In which city is the new Luas proposed?

Cork

6m

- (ii) By what percent is the population projected to grow by over the next 20 years?

Up to 60 percent

6m

- (iii) How many new homes is this project expected to generate?

20,000

6m

- (iv) State **two** reasons why more people in Ireland live in urban areas.

State two reasons @ 3m each

3m + 3m

- (v) Explain briefly what is meant by the term *urban renewal*.

Brief explanation 2 SRPs @ 3m each

3m + 3m

Total 30m

12B. Developing World City

- (i) Name **one** city in the developing world that is rapidly growing.

Developing world city named 4m

- (ii) Explain the reasons for the rapid growth of this developing world city.

Explanation 5SRPs @ 3m each 15m

- (iii) Describe the problems caused by this rapid growth.

Description 4SRPs @ 3m each 12m

- (iv) Explain **one** solution to these problems.

Explanation 3SRPs @ 3m each 9m

Total 40m

12C. Overpopulation

- (i) Explain briefly what is meant by the term *overpopulation*.

Brief explanation 2 SRPs @ 3m each 6m

- (ii) Describe and explain the causes **and** effects of overpopulation with reference to example(s) that you have studied.

Description / Explanation 8 SRPs @ 3m each 24m

At least one SRP for explanation.

Allow one SRP for an example

Allow one cause stated for one SRP

Allow one effect stated for one SRP

Credit the second example from the explanation.

Total 30m



Coimisiún na Scrúduithe Stáit

Marcanna Breise as ucht freagairt trí Ghaeilge

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

N.B. Ba chóir marcanna de réir an ghnáthrata a bhronnadh ar iarrthóirí nach ghnóthaíonn níos mó ná 75% d'iomlán na marcanna don scrúdú. Ba chóir freisin an marc bónaís sin a **shlánú síos**.

Tábla 400 @ 10%

Bain úsáid as an tábla seo i gcás na n-ábhar a bhfuil 400 marc san iomlán ag gabháil leo agus inarb é 10% gnáthrata an bhónais.

Bain úsáid as an ngnáthrata i gcás 300 marc agus faoina bhun sin. Os cionn an mharc 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

