



Coimisiún na Scrúduithe Stáit
State Examinations Commission

LEAVING CERTIFICATE 2008

MARKING SCHEME

GEOGRAPHY

ORDINARY LEVEL



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Geographical Investigation- Core Unit 3

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

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

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

PART ONE – SHORT-ANSWER QUESTIONS – 100 MARKS

Attempt TEN questions

All Questions carry equal marks

THESE QUESTIONS TO BE ANSWERED IN THE SPACES PROVIDED

1. Glaciation: Examine the photograph above.

(i)	Description	Letter	Marks
	Corrie or Cirque	A	2
	Arête	C	2
	Pyramidal Peek	B	2
(ii)			
	Statement	“False”	4

Total Marks 10

2. Fishing in Ireland: Study the Chart

	Answer	Marks
(a)	Decreased	2
(b)	250-260	2
(c)	2002	2
(d)	2006	2
(e)	Stating Reason	2

Total Marks 10

3. Physical Features on Maps and Photographs: Examine the photograph below.

	Answer	Marks
(i)	Tombolo or Beach	2
(ii)	Deposition	2
(iii)	Sea Stack/Stack/Stump	2
(iv)	Erosion	2
(v)	“True”	2

Total Marks 10

4. Ordnance Survey Map:

(a)

Road Name	Marks
N6	5

(b)

Distance	Marks
8.5 – 9.5 km	5

Total Marks 10

5. Ordnance Survey

Examine the Ordnance Survey map accompanying this paper.

(i)

Antiquity	Marks
Megalithic Tomb	2
Mound	2
Castle	2
Star Shaped Fort	2

(ii)

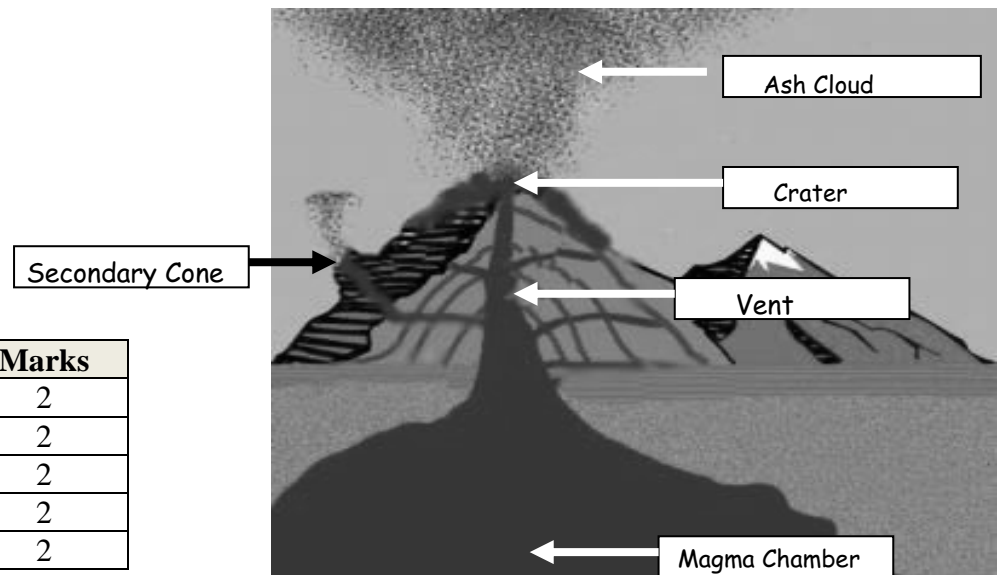
Direction	Marks
South/South East	2

Total Marks 10

6. Volcanoes:

Examine the diagram. Candidates are required to write answers on diagram

Answer	Marks
Vent	2
Secondary Cone	2
Ash Cloud	2
Crater	2
Magma Chamber	2



Total Marks 10

7. European Regions

Letter	Number	Mark
A	6	0
B	1	2
C	4	2
D	2	2
E	5	2
F	3 or 5	2

Total Marks 10

8. Aerial Photograph:

Examine the aerial photograph.

	Answer	Marks
(i)	“Oblique”	2
(ii)	Correct Location	2
(iii)	Correct Location	2
(iv)	Summer/Autumn	2
(v)	Reason Stated	2

Total Marks 10

9. Weather Map:

(i)

Type of Front	Letter	Mark
Warm Front	C	2
Cold Front	A	2

(ii)

Statement	Marks
“True”	2

(iii)

Statement		Marks
Showers		
“Continuous light or heavy rain”	X	2

(iv)

Statement	Marks
Cool Temperate Oceanic/Cool Temperate/ Western European Type Cool Temperate Maritime/Cool Temp Western Margin	2

Total Marks 10

10. Population Dynamics:

(i)

		Marks
Name	“United Kingdom”	2
Percentage	62.1	2

(ii)

		Marks
Name	“Spain”	2
Percentage	1.2	2

(iii)

		Marks
Percentage Difference	60.9	2

Total Marks 10

11. Physical Features:

Feature	Formed by	Marks
Sand Spit	Deposition	2
Interlocking Spurs	Erosion	0
Ribbon Lake	Erosion	2
Erratic	Deposition	2
Blowhole	Erosion	2
Waterfall	Erosion	2

Total Marks 10

12. Satellite Images:

Description	Photo	Marks
Glacier in the Alps	4	2
Landslide in Pakistan	6	2
Ox Bow Lakes....	3	2
Desert in Libya in North Africa	2	2
Cliffs on the West Coast of Canada	1	2
Rain Forest in Australia	5	0

Total Marks 10

PART TWO – STRUCTURED QUESTIONS – 300 MARKS

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

- **One** question from Patterns and Processes in the Physical Environment
- **One** question from Regional Geography and
- **Any one** other question from part Two – irrespective of syllabus area selection

THESE QUESTIONS TO BE ANSWERED IN THE ANSWERBOOK

SECTION 1 - CORE

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

Attempt ONE question

Question 1 ORDNANCE SURVEY MAP

Examine the 1:50,000 Ordnance Survey extract which accompanies this paper.
Draw a sketch map of the area shown and on it **mark** and **name** the following:

- The outline of Galway Bay
- An area of coastal deposition
- The river Corrib
- A named island
- Lough Atalia (Loch na tSáile)

[30 marks]

Scheme

Draw a sketch Map =	5 Marks graded
▪ Limits/frame =	1 marks
▪ 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.	
Mark and identify 5 items @	5 marks graded
Showing =	3 marks graded
Naming/identifying	2 marks

Total Marks 30

B. SURFACE PROCESSES

Select any **one** of the following surface processes:

- Sea/marine action
- River action
- Glacial action
- Mass movement.

And explain the formation of any **two** Irish landforms caused by your selected process with the aid of diagrams.

Scheme	[40 marks]
Formation of any two Irish landforms @ 20 marks =	40 marks
For each landform:	
Formation by processes explained @	20 marks each
Landform Named =	1 marks
Diagram	
Two @ 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.)	
	Total Marks 40

C. HUMAN INTERFERENCE

People try to control the natural processes at work in the landscape that may cause disasters such as landslides or flooding (as seen in the above photograph).

With reference to an **example** which you have studied, describe and explain **one** way humans can control river processes or marine processes or mass movement.

	[30 marks]
Scheme	
One way in which humans can control natural processes @ 30 marks graded.	
Control named =	2 marks
Naming a process to be controlled	2 marks
Way explained/described.	
8 SRPs @ 3 marks each	24 marks
Any valid example	2 marks
	Total Marks 30

Question 2

A. Plate Tectonics

Examine the cut away diagram of the earth above. **In your answer book** match each of the following **names with a letter from the diagram.**

Scheme

Five correctly identified @ 6 marks each as follows:

Layer	Letter	Mark
Continental Crust	D	6
Outer Core	C	6
Mantle	B	6
Ocean Crust	E	6
Inner Core	A	6

Total 30 marks

B. Earthquakes

Explain fully how earthquakes occur. In your answer refer to **a named example** which you have studied.

Scheme

13 SRPs @ 3 marks each

Example

**39 marks graded
1 marks**

Total 40 marks

C. Impact of Earthquakes

Describe **one** short term effect and **one** long term effect of an earthquake which you have studied.

Scheme

Naming the example

3 marks

Effect 1

State the effect

3 marks

Explaining the effect

4 SRPs @

3 marks each

12 marks

Effect 2

State the effect

3 marks

Explaining the effect

3 SRPs @

3 marks each

9 marks

Total marks 30

Question 3

A. Rock Cycle

With reference to the boxes labelled **A**, **B** and **C** on the above diagram of the Rock Cycle **state in your answer book** which letter represents **each** of the following:

- Sedimentary Rock
- Metamorphic Rock
- Igneous Rock

[30 marks]

Scheme

Three correctly identified @ 10 marks each as follows:

Rock Type	Letter	Mark
Sedimentary Rock	B	10
Metamorphic Rock	A	10
Igneous	C	10

Total 30 marks

B. Karst Regions

What is the **chief type of rock** found in Karst regions such as the Burren in County Clare?

Describe fully how this type of rock is formed.

Scheme

Naming chief rock type in the Burren @ 3 marks as follows:

Rock Name	Mark
Limestone	3

Describing how the rock was formed.

Nine SRPs @

3 marks each

27 marks

Total 30 marks

C. Karst Regions

Explain with the aid of diagrams how any **two** underground landforms, found in a Karst region such as the Burren, are formed. Give a named example of each in your answer.

Scheme

Formation of any two Underground Landforms @ 20 marks = 40 marks

For each landform:

Formation explained @ 20 marks each

Landform Named = 1 marks

Diagram

Two @ 2 marks each 4 marks

Formation of landform explained

4 SRPs @ 3 marks each 12 marks

Named example 3 marks

Total Marks 40

REGIONAL GEOGRAPHY

Attempt ONE question

Question 4

A. Ireland - Regions

Draw a sketch map of Ireland

- **Two** Contrasting Regions
- **One** named mountain **or** **one** named river in each region

(30 Marks)

Scheme

Sketch Map of Ireland =

6 Marks graded

Mark and identify 4 items @ 6 marks graded

Region 1	Named	2 marks
	Shown	4 marks graded
Region 2	Named	2 marks
	Shown	4 marks graded
Mountain/River 1	Named	2 marks
	Shown	4 marks graded
Mountain/River 2	Named	2 marks
	Shown	4 marks graded

Total marks 30

B. Irish Regions

Explain **two** factors which influence **either** agriculture **or** industry in **one** Irish region studied by you. Clearly state the name of the region in your answer.

[40 marks]

Scheme

Naming the Irish region

4 marks

Two factors which influence Agriculture/Industrial @ 18 marks = 36 marks

Stating the factor

3 marks

Each factor explained

5 SRPs @

3 marks each

15 marks

Total Marks 40

C. Tourism in Regions

Describe the influence which **either** Climate **or** the Physical Landscape has on the development of tourism in any **one European Region -Not Ireland-** which you have studied. Clearly state the name of the region in your answer.

**[30
marks]**

Scheme

Naming the region

3 marks

Describing the importance of Climate or Physical Landscape

9 SRPs @

3 marks each

27 marks

Total marks 30

Question 5

A. Map Skills

Draw a map of any **European Region -Not Ireland-** or **Continental/Sub-Continental** region which you have studied.

On it mark and name:

- Two cities
- One river
- One mountain range.

[30 marks]

Scheme

Sketch Map

6 Marks graded

Mark and identify 4 items @ 6 marks graded

City 1	Shown	4 marks graded
	Named	2 marks
City 2	Shown	4 marks graded
	Named	2 marks
River	Shown	4 marks graded
	Named	2 marks
Mountain	Shown	4 marks graded
	Named	2 marks

Total marks 30

B. European Regions

Name **one European Region -Not Ireland-** which you have studied. Describe the development of **either** agriculture **or** manufacturing industry in that region.

Clearly state the name of the region in your answer.

[30 marks]

Scheme

Naming the European Region

3 marks

Describing the development of Agr/Manu

27 marks

9 SRPs @ 3 marks each

Total Marks 30

C. Manufacturing Industry

Examine the importance of manufacturing industry to any **one non-European Continental/Sub-Continental** region which you have studied. Clearly state the name of the region in your answer.

[40 marks]

Naming the Region

1 marks

Examining the importance of manufacturing industry =

39 marks

13 SRPs @

3 marks each

Total marks 40

QUESTION 6

A. Statistics

The statistics below refer to the number and reason why visitors come to Ireland.

Scheme

Five correctly identified @ 6 marks each as follows:

	Answer	Mark
(i)	2004	6
(ii)	5991	6
(iii)	“Holiday Leisure Recreation”	6
(iv)	1,566	6
(v)	2001	6

Total 30 marks

B. Irish Regions

The European Union has had a major impact on the development of Irish regions through its policies and distribution of funds. Describe the influence of the EU on any **one Irish** region which you have studied. Clearly state the name of the region in your answer.

[30 marks]

Scheme

Naming the region

3 marks

Describing the importance of the E U

9 SRPs @ 3 marks each

27 marks

Total marks 30

C. Primary Activities

Primary activities include farming, fishing, mining and forestry. Describe the role which any **one** of these play in the economy of a **European -Not Ireland-** region.

[40 marks]

Scheme

Naming the region

1 marks

Describing the importance of one Primary Activity

13 SRPs @ 3 marks each

39 marks

Total marks 40

PATTERNS AND PROCESSES IN ECONOMIC ACTIVITIES

Attempt ONE question

Question 7

A. Ireland's Trading Partners

The table below shows Ireland's main trading partners in 2006.

Scheme

Five correctly identified @ 6 marks each.

	Answer	Mark
(i)	Great Britain and Northern Ireland	6
(ii)	Rest of World	6
	Great Britain and Northern Ireland	6
(iii)	Other EU countries	6
(iv)	26,092.4	6

**Total
Marks 30**

B. Ordnance Survey

Examine the 1:50,000 OS extract accompanying this paper. Galway and the surrounding area is one of Ireland's main tourist regions.

- **Name** and give the **location by grid reference** of any **two** examples of tourist attractions on the map.

Scheme

Name and give the location of any two examples of tourist attractions by grid reference.

	Name	Location
Tourist Attraction 1	2 m	3 m
Tourist Attraction 2	2 m	3 m

(Sub Total 10)

- Write a brief description of the location of each tourist attraction.

Scheme

Two locations described @ 15 marks each

30 marks

Each

5 SRPs @ 3 marks each

15 marks

(Sub Total 30)

Total marks 40

C. Multi-National Companies [MNC]

- (i) **Name** any Multi –National Company operating in Ireland, and state **where** in Ireland it is located.

Scheme

Naming one multinational company	3 marks
Location	3 marks
	(Sub Total 6)

- (ii) Explain any **one** advantage which multi-national companies bring to Ireland.

Scheme

Advantage Named		3 marks
Advantage Explained		
Three SRPs @	3 marks each	9 marks
		(Sub Total 12)

- (iii) Explain any **one** disadvantage associated with such companies operating in Ireland.

Scheme

Disadvantage Named		3 marks
Disadvantage Explained		
Three SRPs @	3 marks each	9 marks
		(Sub Total 12)

Total Marks 30

Question 8

A. Ordnance Survey Map

Examine the **1:50000 Ordnance Survey** extract and legend accompanying this paper.

Draw a sketch of the area covered by the extract. On it **mark** and **name** the following:

- An Industrial estate
- The N6 road
- The railway line
- Galway Airport
- The ferry route in Galway Bay

[30 marks]

Scheme:

Draw a sketch Map =	5 Marks graded
▪ 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.	
Mark and identify 5 items @	5 marks graded
Showing =	3 marks graded
Naming/identifying	2 marks
	Total Marks 30

B. Renewable Energy in Ireland.

- (i) Name **two** renewable sources of energy which are suitable for use in Ireland.
[30 marks]

Scheme

Two sources named @ 3 marks each = 6 marks

- (ii) Describe and explain **each** renewable source of energy which you have named in (i).

Scheme

Two sources described and explained @ 12 marks each 24 marks

Each 12

Four SRPs @ 3 marks each 12 marks

Total marks 30

C. The Environment

The following are major international environmental problems:

- Acid Rain
- Global Warming

In the case of **one** of these issues (Name your chosen issue in your answer):

[40 marks]

Scheme

Naming the issue

1 mark

(i) Describe **two** of the effects of the problem

Scheme

Two effects @ 9 marks each=

18 marks

Three SRPs @ 3 marks each

9 marks

(ii) Describe **two** ways in which people try to overcome the problem.

Scheme

Way 1

4 SRPs @

3 marks each

12 marks

Way 2

Three SRPs @

3 marks each

9 marks

Total Marks 40

Question 9

A. Economies of countries

The table shows statistics for five countries. Examine the table and in your answer book answer the questions which follow.

	Belgium	Brazil	Cambodia	Ireland	USA
GNI per capita(US\$)	38,600	4,730	480	45,580	44,970
Life Expectancy	79	71	57	79	78
Population (millions)	10.5	188.7	14.4	4.2	299.0
Population Growth (%)	0.1	1.2	2.0	1.2	0.9
School Enrolment (%)	98.7	95.3	98.9	96.3	92.1

GNI = Gross National Income

(Source: World Bank)

- (i) Which country has the lowest life expectancy rate?
- (ii) Which country has the highest school enrolment figure?
- (iii) Which country has the lowest population growth?
- (iv) What is Ireland's Gross National Income (GNI)?
- (v) Which country do you think is the least developed (Poorest)?

[30 marks]

Scheme

Five correctly identified @ 6 marks each as follows.

	Answer	Mark
(i)	Cambodia	6
(ii)	Cambodia	6
(iii)	Belgium	6
(iv)	45,580	6
(v)	Cambodia	6

Total 30 marks

B. World Economies

- (i) Name **one** developed and **one** developing economy which you have studied

Scheme

Two economies named @ 2 marks each = 4 marks

- (ii) In the case of **each** of the economies named in (i), explain **one** problem associated with each.

Scheme

Two problems explained @ 18 marks each = 36 marks

Problem Named 3 marks

Problem Explained

Five SRPs @ 3 marks each 15 marks

Total Marks 40

C. The European Union

Membership of the European Union has been a major factor in Ireland's economic development. Describe **two** ways in which Ireland has gained from its European Union membership.

[30 marks]

Scheme

Two ways @ 15 marks = 30 marks

Naming the way 3 marks

Each way explained

4 SRPs @ 3 marks each 12 marks

Total Marks 30

PATTERNS AND PROCESSES IN THE HUMAN ENVIRONMENT

Attempt ONE question

Question 10

A. Population in Ireland

The table below refers to the population of Connaught in 2006.

County	Total Population
Galway County	159,256
Leitrim	28,950
Mayo	123,839
Roscommon	58,768
Sligo	60,894

(Source: CSO)

Use graph paper to draw a graph that shows the data in the table above.

[30 marks]

Scheme

Drawing graph @ 30 marks graded.

On graph paper

Vertical Axis labelled - Circle

Horizontal Axis labelled - Centred

5 Items @ 4 marks each graded

4 marks

3 marks graded

3 marks graded

20 marks

Total marks 30

B. Ordnance Survey Map

Examine the **1:50000 Ordnance Survey** extract and legend accompanying this paper.

Imagine that you have been given the task of locating a new housing estate.

- (i) Using a **grid reference** state clearly where you would locate the housing estate.

Scheme

State location using correct notation **3 marks**

- (ii) Explain clearly **one** reason in favour of this location and **one** reason against it.

Scheme

Reason 1

State the reason **3 marks**

Explaining the reason
4 SRPs @ **3 marks each** **12 marks**

Reason 2

State the reason **3 marks**

Explaining the reason
3 SRPs @ **3 marks each** **9 marks**

Total marks 30

C. Migration

- (i) Explain **two** reasons why young people might migrate from places in the West of Ireland to the Dublin region.

Scheme

One reference within Dublin or within West of Ireland = **2 marks**

Two reasons explained @ 9 marks each graded **18 marks**

Explaining the reason
3 SRPs @ **3 marks each** **9 marks**

- (ii) Explain **two** problems caused by this migration for the Dublin region.

Scheme

One reference within the Dublin Region = **2 marks**

Two problems explained at 9 marks each graded **18 marks**

Explaining the problem
3 SRPs @ **3 marks each** **9 marks**

Total marks 40

Question 11

A. Aerial Photograph

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

- A recreational (leisure) area
- **Two** churches
- The CBD (Central Business District)
- A modern housing estate

[30 marks]

Scheme

Draw a sketch Map = 5 Marks graded

- Limits/frame = 1 marks
- 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.

Mark and identify 5 items @ 5 marks graded

Showing = 3 marks graded
Naming/identifying 2 marks

Total marks 30

B. Urban Studies

“Many cities in the Developing World are expanding (growing) rapidly because of inward migration from the countryside.”

- Name any expanding city in the Developing World studied by you.

Scheme

Name city 3 marks

- Explain **two** problems faced by this city because of its growing population.

Scheme

Problem 1 15 marks

State the problem 3 marks

Explaining the problem

4 SRPs @ 3 marks each 12 marks

Problem 2 12 marks

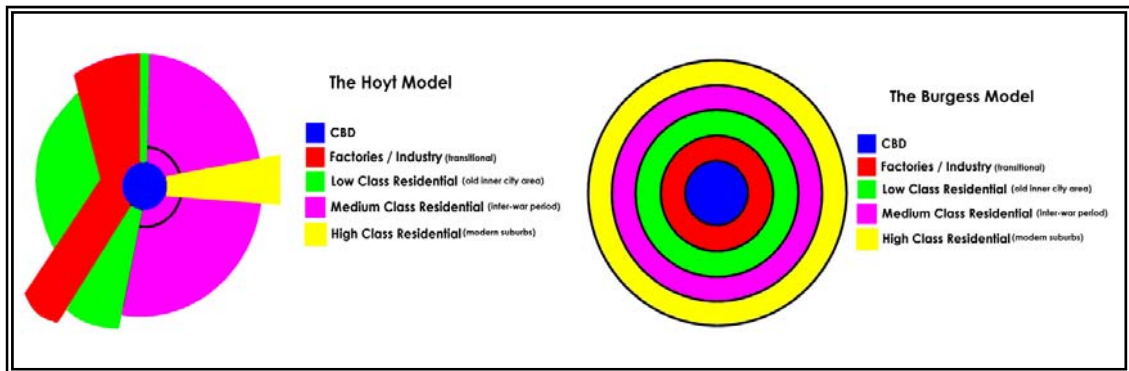
Explaining the problem

Stating the problem 3 marks

3 SRPs @ 3 marks each 9 marks

Total marks 30

C. Land Use Models



Examine the two urban land use models from Hoyt and Burgess shown above.

Explain **two** main differences between the two models.

[40 marks]

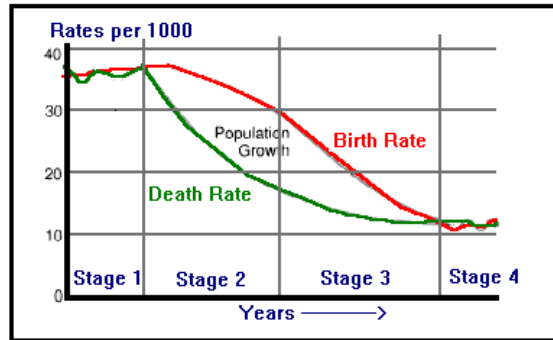
Scheme

Two differences explained @ 20 marks each graded =	Each 20	40 marks
Difference stated		5 marks
Difference explained		15 marks
5 SRPs @	3 marks each	
		Total Marks 40

The Demographic Transition

Question 12

A. Population Change



Examine the demographic transition model above which shows population change over time in a Developed Country. In your answer book answer the following questions:

- (i) Name one stage in the diagram where the birth rate and death rate are nearly equal?
- (ii) At what stage in the diagram is the natural increase highest?
- (iii) Study the chart again and **rewrite** the paragraph below into your answer book and fill in the blanks using words from the box to help you.

'Natural population increase is _____ in stage 1. It _____ rapidly in stage 2 as the birth rate rises and the death rate _____. By Stage 4 natural increase slows down because the birth rate and death rate are almost _____.'

rises
low
equal
falls

[30 marks]

Scheme

Six correctly identified @ 5 marks each as follows:

	Answer	Mark
(i)	Stage 1/Stage 4	5
(ii)	Stage 2/Stage 3	5
Word	“low”	5
Word	“rises”	5
Word	“falls”	5
Word	“equal”	5

30 marks

B. Population Pyramids

Describe **two** differences between the population structure of Tanzania and Germany as shown by the pyramids.

[30 marks]

Scheme

Two differences explained @ 15 marks each =

30 marks

Difference named

3 marks

Explaining the difference

4 SRPs

3 marks each

12 marks

Total marks 30

C. Traffic Problems

Examine the aerial photograph accompanying this paper.

- (i) Locate **two** areas where traffic congestion can create problems using the usual notation (e.g. Right Background etc.)

Scheme

Locate two areas @ 3 marks each =

6 marks

- (ii) Select **one** area chosen in part (i) and using evidence from the photograph, explain why traffic congestion might occur at that location.

Scheme

Evidence explained =

15 marks graded

Five SRPs @ 3 marks each

15 marks

- (iii) Examine in detail **one** possible solution to this traffic congestion.

Scheme

Solution named =

4 marks

Five SRPs @ 3 marks each

15 marks

Total Marks 40

List of Geographical Investigation Topics 2008

1. Geomorphic processes of erosion in a karst or fluvial or coastal or glacial environment
2. A study of demographic trends in a local setting
3. Changing land-use patterns in a rural or urban setting
4. An investigation of the impact of a single economic activity in a local setting
5. The impact of a local environmental issue
6. Analysis of traffic management in a local area

N. B. Each candidate is required to complete a report on one of the above Investigation Topics.



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**LEAVING CERTIFICATE
EXAMINATION 2008**

GEOGRAPHY

ORDINARY LEVEL

**MODIFIED
MARKING SCHEME
AND
NOTES**

Geographical Investigation- Core Unit 3

6. Introduction
4 SRPs @ **1 mark each**
Conformity with prescribed length– **1mark.** Total Marks 5

7. Planning
4 SRPs @ **1 mark each.**
Conformity with prescribed length – **1mark each** Total Marks 5

8. Gathering of Data
Two Methods @ **18m each**
Each method – **9 SRPs @ 2m each. (18 x 2)** **36 marks**

Coherence – 2 marks graded Conformity with prescribed length – 2marks	4 marks
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Total 40 marks

9. Results, Conclusions, Evaluation [30 marks]
Three headings @ **8marks each**
Each heading: **4 SRPs @ 2marks each** **24 marks**

Coherence – 4 marks graded Conformity with prescribed length = 2marks	6 marks
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Total Marks 30

10. Organisation and Presentation of Results
10 SRPs @ 2marks each Total Marks 20

PART ONE – SHORT-ANSWER QUESTIONS – 100 MARKS

Attempt TEN questions

All Questions carry equal marks

THESE QUESTIONS TO BE ANSWERED IN THE SPACES PROVIDED

1. Glaciation:

	Marks
“True”	2
“True”	2
“False”	2
“True”	2
“False”	2

Total Marks 10

2. Fishing in Ireland:

Pelagic	10
Shellfish	10
Demersal	10

Total Marks 10

3. Rock Types

	Answer	Marks
(i)	Igneous	2
(ii)	Metamorphic	2
(iii)	Sedimentary	2
(iv)	Sedimentary	2
(v)	Igneous	2

Total Marks 10

4. Transport

	Answer	Marks
(i)	<i>Correct Name</i>	2
(ii)	<i>Correct name</i>	2
(iii)	“True”	2
(iv)	<i>Correct Name</i>	2
(v)	“False”	2

Total Marks 10

5. Weather

Letter	Number	Mark
A	5	2
B	2	2
C	4	2
D	1	2
E	3	2

Total Marks 10

6. Volcano:

Answer	Marks
<i>Correct Name</i>	2
Lava	2
“True”	2
“Active”	2
“True”	2

Total Marks 10

7. European Regions

Letter	Number	Mark
A	6	0
B	1	2
C	4	2
D	2	2
E	5	2
F	3 or 5	2

Total Marks 10

8. River Studies:

	Answer	Marks
(i)	Plunge Pool	2
(ii)	Meander/Ox Bow Lake	2
(iii)	Flood Plain/Alluvium/Alluvial Soil	2
(iv)	Hydraulic Action/Abrasion	2
(v)	Pot Hole	2

Total Marks 10

9. Climate:

(i)

Statement	Marks
Cool Temperate Oceanic/Cool Temperate/ Western European Type Cool Temperate Maritime/Cool Temp Western Margin	5

(ii)

Statement	Marks
<i>Correct Name</i>	5

Total Marks 10

10. Population Dynamics:

(i)

		Marks
Name	“United Kingdom”	2
Percentage	62.1	2

(ii)

		Marks
Name	“Spain”	2
Percentage	1.2	2

(iii)

		Marks
Percentage Difference	60.9	2

Total Marks 10

11. Physical Features:

Feature	Formed by	Marks
Sand Spit	Deposition	2
Interlocking Spurs	Erosion	0
Ribbon Lake	Erosion	2
Erratic	Deposition	2
Blowhole	Erosion	2
Waterfall	Erosion	2

Total Marks 10

12. Energy Consumption:

Answer	Marks
Oil	2
Oil/Natural Gas/Coal	2
20%	2
HEP/Solar	2
25%	2

Total Marks 10

PART TWO – STRUCTURED QUESTIONS – 300 MARKS

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

- **One** question from Patterns and Processes in the Physical Environment
- **One** question from Regional Geography and
- **Any one** other question from part Two – irrespective of syllabus area selection

THESE QUESTIONS TO BE ANSWERED IN THE ANSWERBOOK

SECTION 1 - CORE

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

Attempt ONE question

Question 1

A. Marine Processes

Scheme

- (i) **Three Processes named @ 8 marks each** **24 marks**
- (ii) **Two features named @ 3 marks each** **6 marks**
- Total Marks 30**

Question 2

A. Volcanoes

Scheme

- Advantage**
5 SRPs @ **3 marks each** **15 marks**
- Disadvantage**
5 SRPs @ **3 marks each** **15 marks**
- Total 30 marks**

Question 3

A. Rock Type

Scheme

Rock Type	Mark
<i>Correct Name</i>	15
<i>Correct Location</i>	15

Total 30 marks

REGIONAL GEOGRAPHY

Attempt ONE question

Question 4

A. Ireland - Regions

Scheme

- (i) **Two Irish Regions named @ 3 marks each** **6 marks**
- (ii)
- Region 1**
Two features named @ 6 marks each **12 marks**
- Region 2**
Two features named @ 6 marks each **12 marks**
- Total marks 30**

Question 5

A. European Regions

Scheme

- (i) **Two European Regions named @ 3 marks each** **6 marks**
- (ii)
- Region 1**
Two places named @ 6 marks each **12 marks**
- Region 2**
Two places named @ 6 marks each **12 marks**
- Total marks 30**

PATTERNS AND PROCESSES IN ECONOMIC ACTIVITIES

Attempt ONE question

Question 7

B. Location of Industry

Scheme

Two reasons @ 18 marks =	36 marks
Stating the reason	3 marks
Each factor explained	
5 SRPs @	3 marks each
	15 marks
Relevance to location	4 marks graded
	Total Marks 40

Question 8

A. Wind Energy

Scheme

(i)	“287”	6 marks
(ii)	Advantage described	
	4 SRPs @ 3 marks	12 marks
(iii)	Objection explained	
	4 SRPs @ 3 marks	12 marks
		Total Marks 30

PATTERNS AND PROCESSES IN THE HUMAN ENVIRONMENT

Attempt ONE question

Question 10

A. Settlement Patterns

Scheme

Two Patterns @ 15 marks graded

Each Pattern

Name

3 marks

Pattern Described

4 SRPs @ 3 marks

12 marks

[30 marks]

B. Location of Towns

Scheme

Town Named

6 marks

Two Reasons @

12 marks graded

Each Reason

4 SRPs @ 3 marks

12 marks

Total marks 30

Question 11

A. Urban Sprawl

Scheme

(i) Explain the meaning of Urban Sprawl **15 marks**
5 SRPs @ 3 marks

(ii) Explain one solution **15 marks**
5 SRPs @ 3 marks

Total marks 30

C. Land Use Models

Scheme

Naming land use module **4 marks**

Examine the relevance of land use module

11 SRPs @ 3 marks each **33 marks**

Naming a city **3 marks**

Total marks 40

Question 12

A. Historic Settlement

Scheme

- (i) Two examples of historic settlement @ 6 marks each 12 marks
- (ii) Describing one example 12 marks
4 SRPs @ 3 marks

Total marks 30

B. Population Change

Scheme

- Advantage 15 marks
State the advantage 3 marks
Explaining the problem
4 SRPs @ 3 marks each 12 marks

- Disadvantage 15 marks
Explaining the disadvantage
Stating the disadvantage 3 marks
3 SRPs @ 3 marks each 12 marks

Total marks 30

