



Coimisiún na Scrúduithe Stáit State Examinations Commission

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Scrúduithe Ardteistiméireachta, 2003

Tíreolaíocht

Gnáthleibhéal

Marking Scheme

Leaving Certificate Examination, 2003

Geography

Ordinary Level

GEOGRAPHY 2003.

LEAVING CERT..

ORDINARY LEVEL

MARKING SCHEME

&

NOTES.

QUESTION 1

ORDNANCE SURVEY

(i) Draw a Sketch=6 marks

Limits/frame =2 m.(graded);

Proportion(accuracy)=2 m.(graded)

Overall impression =2m(.graded.)

- For an obvious tracing ,allow 50% of marks obtained for the features BUT 0 marks out of the 6 m. for sketch map.
- If several part sketches are drawn –mark all BUT select only the best ONE
- Draw a grid in the answer book showing mark awarded.

Mark and identify 6 items @ 4 marks each

(showing =2 m.graded **plus** naming/ identifying = 2m.

- **The River Barrow** **Proposed National Primary or Secondary Road .**
- **An Area of Upland** **The railway Line**
- **A Golf Course** **A Garda Siochana Station.**

Features can be named or identified by a recognised symbol or key.
Showing marks are independent of naming mark

(30 marks)

- (ii) Describe and explain THREE reasons why the town of Carlow grew up at this location.
Use evidence from the map only.

3 reasons plus evidence @ 10 marks each.

For each reason Stating reason = 3 marks

Explaining reason = 4 marks graded..

Map evidence = 3 marks. Graded

(Evidence can be a name,a direction ,a 4/6 fig. Grid ref..(sub-zone letter not required.)back to front grid =1m..

(30 marks)

- (iii) **There is a Sewage Treatment Plant on the map South of the town of Carlow and East of the N9 at Grid Reference S7174.**

Give ONE advantage and ONE disadvantage of this location for the plant..

Use map evidence only.

ONE advantage @ 10 marks **AND** ONE disadvantage.@10 marks

Advantage stated = 3 marks

Disadvantage stated = 3 marks

Advantage explained = 4 marks graded

Disadvantage explained = 4 marks graded

Map evidence = 3 marks graded

Map evidence = 3 marks graded

(20 marks)

PHYSICAL GEOGRAPHY.

QUESTION 2 RIVERS.

- (i) **Waterfall, Pot Hole, Meander, Ox-Bow Lake and Floodplain.**

Select any **THREE** of the features above and in the case of **EACH**

- **Describe and explain, with the aid of a diagram, how it was formed**
(60 marks)

Any 3 features @ 20 marks each

For each Annotated Diagram = 5 marks graded.

3 points of information @ 5 marks (graded) each.

Allow a maximum of 5 marks for a description of the feature.

- A very well annotated diagram may get full 20 marks.

- (i) **Explain ONE way that people can prevent flooding along riverbanks.**
(20 marks)

One way stated = 5 marks

Plus 3 points of information @ 5 marks (graded) each. = 15 marks.

QUESTION 3.

GLACIATION

- (i) Name **TWO** features formed by glacial erosion and **TWO** features formed by glacial deposition.

Naming 4 features @ 5 marks each

(20 marks)

- (ii) Explain with the aid of a diagram , how any **THREE** of the features named in part (i) were formed.

Any 3 features @ 20 marks each

For each Annotated Diagram = 5 marks graded.

3 points of information @ 5 marks (graded) each.

Allow a maximum of 5 marks for a description of the feature.

- A very well annotated diagram may get full 20 marks

(60 marks)

QUESTION 4 THE PHYSICAL WORLD.

Explain **TWO** of the following statements in some detail.

- (i) **The North Atlantic has a major effect on the climate of Ireland.** (40 marks)
- (ii) **Waste disposal is a major problem facing Ireland today.** (40 marks)
- (iii) **Erosion by the sea has helped to shape the landscape of Ireland** (40 marks)
- (iv) **Desertification is a major concern in many parts of the world today** (40 marks)

N.B. Select the best **TWO** statements for final marks. (40 + 40.)

For **each** Statement accept:

Two well developed points for each statement @ **20 marks** each

Stating the point **5 marks** + 3 full developments @ **5 marks gr.** each. } × 2

OR

Four individual points @ **10 marks** each

Stating the point **5 marks** + development **5 marks gr.** each. } × 4

OR

A combination of the above:

One well developed point @ **20 marks**

Stating the point **5 marks** + 3 full developments @ **5 marks gr.** each. } × 1

AND

Two individual points @ **10 marks** each.

Stating the point **5 marks** + development **5 marks gr.** } × 2

QUESTION 5 PLATE TECTONICS

- (i) **Explain why EARTHQUAKES occur only in particular areas of the world.**

2 well-developed points @ 20 marks each
5 marks for stating point and 3 full developments @ 5 marks (graded)

OR

4 individual points @ 10 marks each
(statement = 5 marks and development = 5 marks (graded).

(40 marks)

- (ii) **Explain why VOLCANOES bring advantages AND disadvantages to people in many parts of the world.**

Two reasons WHY @ 20 marks each.

For **each** reason

5 marks for stating point and 3 full developments @ 5 marks (graded)

OR

4 individual points @ 10 marks each
(statement = 5 marks and development = 5 marks (graded).

SOCIAL GEOGRAPHY.

QUESTION 6 AERIAL PHOTOGRAPH.

(i) Draw a Sketch=6 marks

Limits/frame =2 m.graded;
Proportion(accuracy)=2 m.graded
Overall impression=2m.graded.)

- For an obvious tracing ,allow 50% of marks obtained for the features BUT 0 marks out of the 6 m. for sketch map.
- If several part sketches are drawn –mark all BUT select only the best ONE
- Draw a grid in the answer book to show marks allocated.

Mark and identify 6 items @ 4 marks each

(showing =2 m.graded plus naming/ identifying = 2m.

- A Church The ruins of a castle.
- Two connecting streets A Bridge
- A weir on the river An island in the river

(30 marks)

- Features can be named or identified by a recognised symbol or key.
- Showing marks are independent of naming marks.

(ii) Describe and explain **TWO** ways in which the river has influenced the area of Carlow shown on the photograph. .

Use **photograph evidence** in your answer.

(30 marks)

2 ways @ 15 marks each

For each way	Evidence	= 2 marks.
	Location	= 3 marks(graded)
	Statement	= 5 marks
	Development	= 5 marks (graded)

(i) If it was proposed to build houses on the green area close to the river in the right background of the photograph:-
Explain ONE benefit that it would bring to the local area and explain ONE objection the local people might have to the houses. Use photograph evidence in your answer.

(20 marks)

ONE benefit and ONE objection @ 10 marks each

BENIFIT stated	=3 marks	OBJECTION stated	= 3 marls
BENEFIT developed	= 4 marks(graded)	OBJECTION explained	= 4 marks graded
Evidence	= 3 marks (graded)	Evidence	= 3 marks (graded)

QUESTION 7

WORLD HUNGER.

- (ii) **There are many factors that contribute to (add to) world hunger. Among these are:**

- **Growing Populations**
- **War.**
- **Unfair Trading Practices**
- **Lack of Education.**
- **Difficult Weather Conditions**
- **Inappropriate (unsuitable) Aid.**

Select any THREE of the above factors and explain how EACH contributes (adds to) world hunger.

(60 marks)

3 factors @ 20 marks each

For **each** Factor accept:

one well developed points for each statement @ 20 marks.

Stating the point **5 marks** + 3 full developments **@ 5 marks gr.** each.

OR

Two individual points @ 10 marks each

Stating the point **5 marks** + development **5 marks gr.** each.

- (ii) **Explain TWO measures that could be taken by governments to eliminate or reduce hunger in Developing Countries.**

(20 marks)

2 measures @ 10 marks each.

Measure stated/named = 5 marks
Measure developed @ 5 marks (graded) .
(Expect 2 pieces of information)

QUESTION 8 **POPULATION STUDIES**

(i) **Rapid Population Growth has contributed to many problems in cities.**
Among these are :

- Lack of Housing
- Traffic
- Pollution.
- Crime and Drugs.
- Disease

Select any THREE of these problems and explain each by referring to a city OR cities you have studied.

(60 marks)

3 problems @ 20 marks each.

For each problem

Explanation of problem		=5 marks (graded)
2 points of development	@	=5 marks each (graded)
Naming example		= 5 marks.

(ii) **In parts of the West of Ireland the population is falling rapidly .”**
Explain ANY TWO measures that could be taken to reverse this.

(20 marks)

2 measures @ 10 marks each

For each

Measure stated/named		= 5 marks
Measure developed	@	5 marks (graded) .

(Expect 2 pieces of information)

QUESTION 9 SOCIAL GEOGRAPHY ISSUES

Explain **TWO** of the following statements in some detail.

- (i) The role of women in Ireland is changing rapidly. **40 marks)**
- (ii) Religious belief can lead to conflict in some parts of the world. **(40 marks)**
- (iii) The Population Census is important for future planning in Ireland. **(40 marks)**
- (iv) There is a need for better understanding between people from different countries. **40 marks)**

N.B.. Select the best **TWO** statements for final marks.(40 + 40.)

For **each** Statement accept:

Two well developed points for each statement @ **20 marks** each

Stating the point **5 marks** + 3 full developments @ **5 marks gr.** each. } × 2

OR

Four individual points @ **10 marks** each

Stating the point **5 marks** + development **5 marks gr.** each. } × 4

OR

A combination of the above:

One well developed point @ **20 marks**

Stating the point **5 marks** + 3 full developments @ **5 marks gr.** each. } × 1

AND

Two individual points @ **10 marks** each.

Stating the point **5 marks** + development **5 marks gr.** } × 2

ECONOMIC GEOGRAPHY.

QUESTION 10 AGRICULTURE.

(i) There are many important factors that influence agriculture. Among these are :

- Climate
- Soil Type
- Relief
- Government Policies
- Education
- Markets

Select any THREE of the above factors and explain how each has influenced agriculture in any area studied by you. (60 marks)

3 factors @ 20 marks each.

For each factor	Explaining factor	= 5 marks (graded)
	2 points of development	@ 5 marks each (graded)
	Evidence/example	= 5 marks (graded)

(ii) Explain TWO of the negative effects of agriculture on the environment. (20 marks)

2 effects @ 10 marks each.

Effect stated/named	= 5 marks
Effect developed	@ 5 marks (graded)

(Expect 2 pieces of information)

QUESTION 11

ENERGY

- (i) **Solar power, Wave Power, Wind Power, Biomass and Hydroelectric Power.**

Select any **TWO** of the above renewable sources of energy and explain the **ADVANTAGES AND DISADVANTAGES** of each.

(60 marks)

For each of the TWO sources selected @ 30 marks each

Each 30 marks as follows

Advantage = 15 marks

Disadvantages = 15 marks

Advantage(No 1) 5 marks + 3 marks development.

Advantage (No. 2) 5 marks + 2 marks development.

Disadvantage (No 1) 5 marks + 3 marks development.

Disadvantage (No 2) 5 marks + 2 marks development.

- (ii) **“ The discovery of the Corrib Natural Gas Field will bring major advantages to the economy of the West of Ireland.”**

Do you agree with this statement ? Explain your answer.

(20 marks)

2 Points of explanation @ 10 marks each.

Point 1 stated 5 marks + developed 5 marks (graded)

Point 2 stated 5 marks + developed 5 marks (graded)

QUESTION 12 ECONOMIC GEOGRAPHY ISSUES

Explain **TWO** of the following statements in some detail :

- (i) **Pollution of the environment is a major concern in the world today.**
(40 marks)
- (ii) **The Tropical Rain Forests are under constant threat from Development**
(40 marks)
- (iii) **Updating the Irish road system will be a challenge in the future.**
(40 marks)
- (iv) **Manufacturing Industry is a system with inputs, processes and outputs**
(40 marks)

N.B.. Select the best **TWO** statements for final marks.(40 + 40.)

For (i), (ii) & (iii)

For **each** Statement accept:

Two well developed points for each statement @ **20 marks** each
Stating the point **5 marks** + 3 full developments @ **5 marks gr.** each. } × 2

OR

Four individual points @ **10 marks** each
Stating the point **5 marks** + development **5 marks gr.** each. } × 4

OR

A combination of the above:

One well developed point @ 20 marks
Stating the point 5 marks + 3 full developments @ **5 marks gr.** each. } × 1

AND

Two individual points @ 10 marks each.
Stating the point **5 marks** + development **5 marks gr.** } × 2

NOTE For (iv) 3 @ 12 marks each

Expect 2 points @ 6 marks for each

Point stated 3 marks + development 3 marks (graded)

Final 4 marks (graded) for Manufacturing Industry “as a system”..

QUESTION 13 FIELDWORK

With reference to ANY fieldwork exercise that you have completed in Geography

- (i) State the title and the aims of the exercise (8 marks)**

Clear Title = 3 marks Aims = 5 marks graded

- (ii) Describe how you prepared for the exercise. (16 marks)**

2 points of preparation @ 8 marks each

Naming activity 4 marks

Explaining activity 4 marks (graded)

OR

List of 4 points @ 4 marks each.

- (iii) Describe the methods you used to gather the information (24 marks)**

3 distinct methods @ 8 marks each

Stating method 4 marks

Explaining method 4 marks (graded)

- (iv) Describe the results of the fieldwork (12 marks)**

3 results @ 4 marks (graded)

- (v) Explain the methods you used to present your results (12 marks)**

3 methods of presentation @ 4 marks (graded)

- (vi) Explain one problem you encountered during the fieldwork exercise. (8 marks)**

Problem identified 4 marks

Problem developed 4 marks (graded)

REGIONAL & WORLD GEOGRAPHY.

QUESTION 14. COUNTRIES AND THEIR REGIONS

Ireland, Norway, Germany, Belgium, Denmark and France.

In the case of **ANY ONE** of the above countries you have studied.

- (i) **Draw a sketch map to show how you would divide the whole country into TWO OR MORE REGIONS.** (20 marks)

Drawing the outline of the country **8 marks** (graded)

Dividing it into regions **12 marks**

- 2 regions shown @ 3 marks (graded) + 3 marks for naming for each
- 3 regions shown @ 2 marks (graded) + 2 marks for naming for each
- 4 regions shown @ 2 marks (graded) + 1 mark. For naming for each

Accept any valid division of the country.

Draw a grid as suggested in Q1 & 6.

- (ii) **Select TWO of these regions and, in the case of each, describe the development of the region using the following headings.**

- **Physical Geography**
- **Agriculture**
- **Manufacturing or services.**

(60 marks)

2 regions @ 30 marks each.

10 marks (graded) for each of the 3 heading above.

(Expect 2 pieces of information @ 5 (graded)+5 (graded))

QUESTION 15

TOURISM

- (i) **With reference to the Chart above explain how tourism benefits the Irish economy. (20 marks)**

2 reasons @ 10 marks each

Reason stated = 3 marks

Reason explained = 4 marks graded

Reference to Chart = 3 marks graded

- (ii) **Explain THREE reasons why Irish people visit the Mediterranean region of Europe in large numbers every year.. (60 marks)**

3 Reasons @ 20 marks each

For **each** Reason accept:

One well developed points for each statement @ **20 marks** each

Stating the reason **5 marks** + **3** full developments @ **5 marks gr.** each. } × 1

OR

Two individual points @ **10 marks** each

Statement **5 marks** + development **5 marks gr.** each. } × 2

QUESTION 16 STATEMENTS ON EUROPE

Select any **TWO** of the following statements and discuss them in detail

- (i) **The Rhine–Ruhr region is one of Europe’s largest industrial regions .**
(40 marks)
- (ii) **Fishing is a major industry in Ireland**
(40 marks)
- (iii) **The computer industry in Europe has declined in recent years**
(40 marks)
- (iv) **The introduction of the euro into the E.U. region has been very successful**
(40 marks)

N.B.. Select the best **TWO** statements for final marks.(40 + 40.)

For **each** Statement accept:

Two well developed points for each statement @ **20 marks** each

Stating the point **5 marks** + 3 full developments @ **5 marks gr.** each. } × 2

OR

Four individual points @ **10 marks** each

Stating the point **5 marks** + development **5 marks gr.** each. } × 4

OR

A combination of the above:

One well developed point @ **20 marks**

Stating the point **5 marks** + 3 full developments @ **5 marks gr.** each. } × 1

AND

Two individual points @ **10 marks** each.

Stating the point **5 marks** + development **5 marks gr.** } × 2

QUESTION 17

REGIONS IN EUROPE

West of Ireland, Paris Basin, The North Italian Plain, Massif Central, South East England and Nordkalotten(Northern Norway and Sweden).

From the list of regions above select ONE core and ONE peripheral region and describe the two regions under the following headings:

- **Climate**
- **Agriculture**
- **Manufacturing Industry**

(80 marks)

40 marks for each region

Naming/identifying each region 10 marks plus 10 marks (graded) for each heading.

Expect 2 pieces of information @ 5 marks(graded) + 5 marks (graded)

QUESTION 18 WORLD GEOGRAPHY

(i) 10 items @ 2 marks each

Countries	1.	China
	2.	Canada
	3.	Argentina
Islands	4.	Madagascar/Malagasi Rep..
	5.	Tasmania
Mountain Range	6.	Pyrenees or Cantabrian
Cities	7.	Miami etc..
	8.	Tokyo etc..
Sea Areas	9.	Caspian or Aral
Ocean	10.	Pacific

(20 marks)

(ii) The following areas have made world headlines in recent years.

* Pakistan and/or India * Middle East * Northern Ireland ..

Select ONE of the above areas and describe the issues involved. (40 marks)

For each Area accept:

Two well developed points for each statement @ 20 marks each

Stating the issue 5 marks + 3 full developments @ 5 marks gr. each. } × 2

OR

Four individual points @ 10 marks each

Stating the point 5 marks + development 5 marks gr. each. } × 4

(iii) “Terrorism is a major problem facing the world today.”
Do you agree? Explain your answer by referring to examples.

(20 marks)

2 explanations @ 10 marks (graded) each
explanation stated = 3 marks
explanation developed = 4 marks (graded).
Naming example = 3 marks graded

GEOGRAPHY 2003.

LEAVING CERT..

ORDINARY LEVEL

MODIFIED PAPER

COMPLEMENTARY

MARKING SCHEME.

Amendments for candidates with Special arrangements . Visual impairment.
Diagrams ,map, photo, etc.. have not been included.

QUESTION 1.

Candidates who are visually impaired are not obliged to do Q.1.
.They may do any other question instead of it.

QUESTION 2

- (i) Candidates do not have to draw a diagram
Mark as 3 features @7+7+6 (20 marks) each.

QUESTION 3

- (ii) Candidates do not have to draw a diagram
Mark as 3 features @7+7+6 (20 marks) each.

QUESTION 6

There are no questions on an Aerial Photograph on the Modified Paper.
The following question has been included in its place..

- (i) “Towns in Ireland have Developed for a variety of reasons”
Discuss this statement, referring to THREE examples which you have studied.

3 @ 20 marks

Example = 5 marks (graded)

Statement 5 marks + 10 (graded) Development

“New housing estates are being developed in our larger towns all the time”

Give ONE reason why people already living in a town may welcome new housing estates AND ONE reason why some people might object.

(20 marks)

Welcome = 10 marks 5 marks - point stated + 5 marks (graded) developed.

Objection = 10 marks 5 marks - point stated + 5 marks (graded) developed

QUESTION 7

No diagram/stimulus was provided here.
Mark the question in the same way as the full paper.

QUESTION 14.

Ireland ,Norway , Germany , Belgium , Denmark , France.

Mark this question as 2 regions @ 40 marks each.

For each 40 marks.

For each area expect 2 well-developed points @ 20 marks each

5 marks for stating difference + 3 full developments @ 5 marks (graded)

OR

4 individual points @ 10 marks each
(statement = 5 marks and development = 5 marks (graded)

QUESTION 15

No chart supplied therefore no reference to it required in answer.
2 points @ 10 marks each 5 marks point stated + 5 marks (for development .graded)

QUESTION 18.

Naming 4 rivers @ 3+3+2+2 marks each (10 marks)

(ii) Naming 5 Continents @ 2 marks each (10 marks)

(iii) **read** * Iraq *Middle East * N Ireland.

(iv) Read “Culture still divides the world’s peoples”

Discuss whether you agree or disagree with this statement.

Point stated 5 marks + 15 marks (graded) for development
OR 2 points stated 5 marks + developed 5 marks (graded).