

AN ROINN OIDEACHAIS AGUS EOLAÍOCHTA

LEAVING CERTIFICATE EXAMINATION 2000

GEOGRAPHY - HIGHER LEVEL

MONDAY, 12 JUNE – AFTERNOON 2.00 TO 5.20

Four questions to be answered, namely Question 1, Question 5 and two questions from Section B (questions 2, 3, 4).

In discussion-type answers it is better to treat of three or four aspects of the main theme in some detail rather than give a superficial treatment of a large number of points.

SECTION A – MAP WORK
Answer ALL of Question 1

1. Look at the 1 : 50 000 Ordnance Survey extract and Legend supplied and answer the following questions.
- (a) "This region has a long history of human settlement". With reference to the map extract, examine in detail the evidence in favour of this statement. **(40 marks)**
- (b) "The Sligo region is served by a variety of modes of transport". Examine this statement, with a sketch map to illustrate your answer. **(30 marks)**
- (c) Both the map extract and the aerial photograph provide useful evidence to support an analysis of the road infrastructure of Sligo Town. Examine how they differ in providing such evidence. **(30 marks)**

SECTION B – PHYSICAL, SOCIAL and ECONOMIC GEOGRAPHY
Answer TWO Questions

2. **PHYSICAL GEOGRAPHY: Answer 2(a) or 2(b) or 2(c) or 2(d).**

- (a) (i) With reference to processes of erosion **and** to processes of deposition, examine **three** ways in which rivers shape the Irish landscape. **(75 marks)**
- (ii) Examine briefly **two** ways in which human societies attempt to manage rivers. **(25 marks)**
- (b) (i) With reference to **two** characteristic landforms, examine how marine processes shape coastlines. **(60 marks)**
- (ii) Briefly examine how **each** of the following can affect the rate at which a stretch of coastline is eroded:
- * rock type
 - * human activity.
- (40 marks)**

- (c) (i) Using diagrams to illustrate your answer, describe the development of mid-latitude frontal depressions. **(40 marks)**
- (ii) Examine in detail the sequence of weather associated with the passage of an Atlantic depression over Ireland.
In your answer, refer to:
* atmospheric pressure and wind
* cloud amount and type
* temperature
* precipitation **(40 marks)**
- (iii) Outline briefly the impact which Modern Technologies have had on weather forecasting. **(20 marks)**
- (d) “The scale of human activities has increased to the point that we may be witnessing irreversible changes in the Earth’s natural systems”.
- Analyse this statement referring to:
- * atmosphere * soils * forests * waters **(100 marks)**

3. SOCIAL GEOGRAPHY: Answer 3(a) or 3(b) or 3(c) or 3(d).

- (a) **Examine the colour aerial photograph of Sligo town supplied.**
- (i) “The influence of the river on the development of Sligo town is very evident from the photograph”.
Discuss this statement. **(40 marks)**
- (ii) “The part of Sligo town shown on the photograph is heavily populated.”
Discuss **two** pieces of evidence from the photograph which support this statement. **(30 marks)**
- (iii) “The map – maker selects what features to include on a map. The photographer includes everything within the view of the camera”.
Illustrate this difference with reference to the map **and** the photograph supplied. **(30 marks)**
- (b) (i) Describe and explain any **two** examples of large-scale international human migration in the twentieth century. **(50 marks)**
- (ii) Analyse **one** positive **and one** negative effect which such large-scale migrations may have on a destination or receiving area. **(50 marks)**

(c) **The Growth of Cities 1970-2010**

"Cities grow because of their efficiency in delivering a variety of services and their ability to fulfil a large number of functions for their inhabitants. A critical stage is reached, however, when this urban dream becomes a nightmare for many city dwellers".

Los Angeles	+65%
Cairo	+153%
Tokyo	+90%
Rio de Janeiro	+127%
Mexico City	+97%

Analyse this statement with reference to the data given in the table above. In your answer, you should refer to the social and economic contrasts between different countries.

(100 marks)

(d) (i) Among the factors which hinder development in the world's poorer countries are:

- * the physical environment
- * military spending
- * rapid population growth
- * unfair trade
- * foreign debt

Examine with reference to examples how any **three** of these factors have hindered the economic development of developing countries.

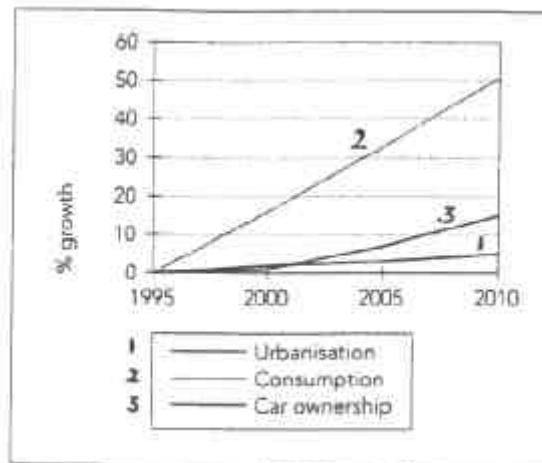
(75 marks)

(ii) Analyse briefly the relative merits of **two** types of aid for developing countries.

(25 marks)

4. ECONOMIC GEOGRAPHY: Answer 4(a) or 4(b) or 4(c) or 4(d)

(a) **Key Urban Trends**



Economic development in Western economies is reflected in increasing levels of:

- (i) urbanisation;
- (ii) consumption;
- (iii) car ownership.

Discuss this statement with reference to any **two** of the above.

(100 marks)

- (b) (i) “The factors affecting the location of manufacturing industry have changed over time”. Examine the validity of this statement, referring to examples which you have studied. **(70 marks)**
- (ii) “Recycling should be central to economic planning - local, national and international - in the 21st century”. Outline **two** arguments in favour of recycling, referring to examples which you have studied. **(30 marks)**

(c) The following economic forces have a major influence on modern agriculture:

- Demand and supply in farm products;
- The role of public policy;
- Technology and rising costs;
- Labour force reduction;
- Enlargement of farms;
- Farm incomes;

Select **three** of the above factors and examine the influence of **each** on modern agriculture.

(100 marks)

(d) With reference to any exercise in geographical fieldwork which you have completed:

- (i) Give the title and aims of the fieldwork. **(10 marks)**
- (ii) Explain how you prepared for the fieldwork. **(20 marks)**
- (iii) Describe how you carried out the work in the field. **(30 marks)**
- (iv) Explain how you presented your findings and outline your conclusions. **(30 marks)**
- (v) Describe **one** aspect of your findings which would merit further investigation. **(10 marks)**

SECTION C

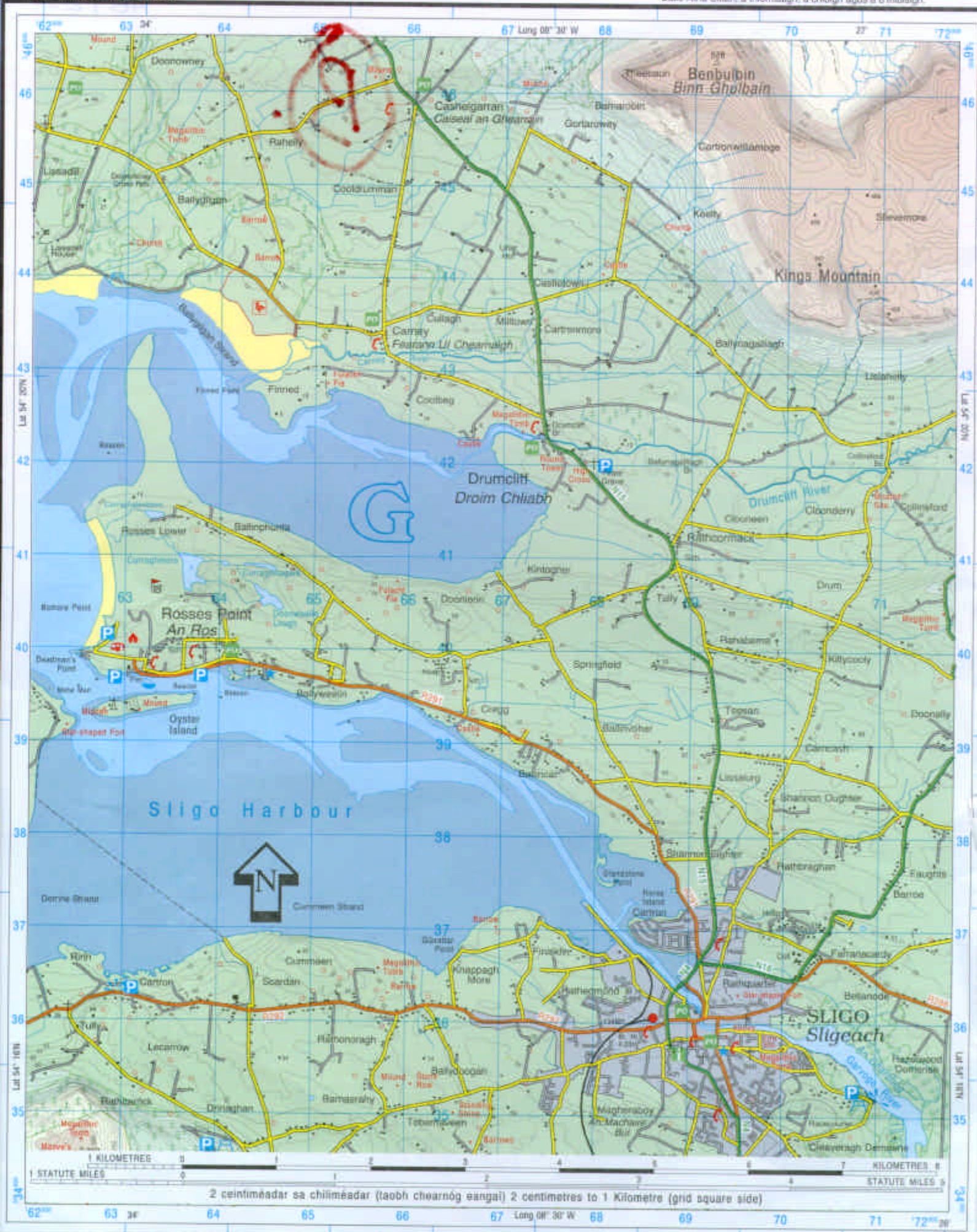
Answer Question 5

5. REGIONAL GEOGRAPHY: Answer 5 (a) or 5(b) or 5 (c) or 5 (d).

- (a) With reference to Ireland **and** to **one** other maritime country in Western Europe, compare and contrast the factors which have influenced the development of their fishing industries.
(100 marks)
- (b) Republic of Ireland, France, Germany, Sweden, Spain.
Select **one** of the above countries and, with the aid of a sketch-map, suggest and justify its division into **three** or more geographical regions.
(100 marks)
- (c) (i) Analyse the reasons for the successful development of the tourist industry in **two** contrasting countries in Western Europe.
(40 marks)
- (ii) Examine the economic importance of the tourist industry in **one** of the countries which you identified in part (i) above.
(30 marks)
- (iii) Briefly describe **two** ways in which mass tourism can have serious negative effects on a region.
(30 marks)
- (d) Analyse the major factors which have influenced the development of **either** agriculture **or** manufacturing industry in a Scandinavian country of your choice.
(100 marks)

NOTE: UNAUTHORISED REPRODUCTION INFRINGES STATE COPYRIGHT.
 TAHAIR FAOI DEARA: IS SÁRÚ CHÓIPCHEART AN STÁIT
 MACASAMHLU GAN CHEAD.

Compiled, Printed & Produced by the Director at the Ordnance Survey Office,
 Phoenix Park, Dublin.
 An Stiúrthóir, Oifig na Sárthreáraithe Ordánais, Páirc an Fhionnruisce,
 Baile Átha Cliath, a thionsaigh, a chloíodh agus a d'fhólaigh.



Eolas Turasóireachta Tourist Information

Láithreán carbhán (dirthurais) Caravan site (transit)	Ionad eolais turasóireachta (ar oscailt ar feadh na bliana) Tourist information centre (regular opening)
Brú An Óige / Neamhspleách Hostel An Óige / Independent	Ionad eolais turasóireachta (ar oscailt le linn an tséasúir) Tourist information centre (restricted opening)
Ionad páirceála Parking	Ionad dearctha Viewpoint
Láithreán picnící Picnic site	An Taisce National Trust
Teilefón Poiblí Public Telephone	Tearmann Dúra Nature Reserve
Láithreán campála Camping site	Galfchúrsa, machaire gailf Golf Course or Links

Bóithre Roads

M1	Mótarbhealach Motorway (Junction number)	R 574	Bóthar Réigiúnach Regional Road
N 11	Bóthar príomha náisiúnta National Primary Road		Bóthar den tríú grád Third Class Road
N 71	Bóthar tánaisteach náisiúnta National Secondary Road		Boithre de chineál eile Other Roads
	Carrbhealach dubailte Dual Carriageway		Bealach Track
	Bóthar príomha / tánaisteach náisiúnta beartaithe Proposed Nat. Primary / Secondary Road		

Gnéithe ginearálta General features

Foirgnimh le tais a chéile Built up Area	Garda Síochána Police	Crann Mast	Trasnú cliathráin Graticule Intersection
Aerfort Airport	Stáisiún cumhachta (uisce) Power Station (Hydro)	Eaglais nó séipéal Church or Chapel	Siúbhealach le comharthaí; gan comharthaí Waymarked Walks; Unmarked
Aerpháirc Airfield	Stáisiún cumhachta (breosla iontaiseach) Power Station (Fossil)	Ardeaglais Cathedral	Bád fartha (feithiclí) Ferry (Vehicle)
Oifig phoist Post office	Líne tarchurtha leictreachais Electricity Transmission Line	Cuaille triantánachta Triangulation Pillar	Bád fartha (páisirí) Ferry (Passenger)

Teorainneacha Boundaries

Teorainn idirnáisiúnta International Boundary	Seilbh de chuid an Aire Chosanta Dept. of Defence Property
Teorainn chontae County Boundary	Foraois bhuaircineach Coniferous Plantation
Páirc Náisiúnta National Park	Coill nádúrtha Natural Woodland
Páirc Foraoise Forest Park	Foraois mheasctha Mixed Woodland

Séadchomhartha Antiquities

- Séadchomhartha
Ainmnithe
Named Antiquities
- Clós, m.sh. Ráth nó Lios
Enclosure, e.g. Ringfort
- Láthair Chatha (le dáta)
Battlefield (with date)

Relief Relief

- Céim imlíne comhairde
10m
10m Contour Interval
- Céim imlíne comhairde
50m
50m Contour Interval
- 122 • Spota airde
Spot Height

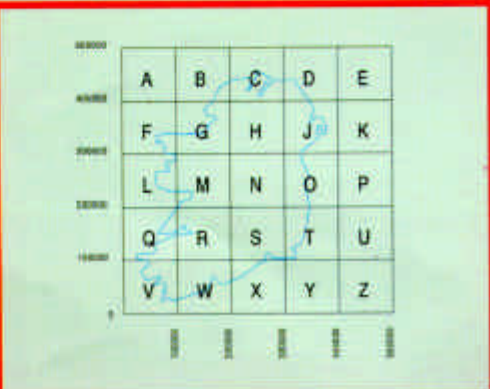
Gnéithe uisce Water features

Loch Lake	Bádóireacht Boating activities
Canáil, canáil (thirim) Canal, Canal (dry)	Líne bharr ísín High Water Mark
Abhainn nó sruthán River or Stream	Líne lag trá Low Water Mark
Teach Soisín in úsáid / as úsáid Lighthouse in use / disuse	Trá Beach

Iarnróid Railways

Iarnróid Railways	LC Crosaire comhréidh Level Crossing
Iarnród tionscalalach Industrial Line	Stáisiún traenach Railway Station
Tollán Tunnel	

IRISH
NATIONAL
GRID



SAMPLE
GRID
REFERENCE
ONLY

NOTE: THESE GRID REFERENCES ARE
SAMPLE REFERENCES ONLY! AND THE
PLACES NAMED ARE NOT FOUND ON
THIS MAP EXTRACT.

FROM -
DISCOVERY SERIES SHEET 2
RATHMULLAN C 295 275

DISCOVERY SERIES SHEET 2
JACOBS BRIDGE C 347 323

