

UNIVERSITY OF LONDON
 GENERAL CERTIFICATE OF EDUCATION
 EXAMINATION

SUMMER 1968

Ordinary Level

GEOGRAPHY I

Two hours

Answer Question 1 and THREE others.

Credit will be given for good English and the orderly presentation of material; candidates who neglect these essentials will be penalized.

At the end of the examination, the section for Question 1 and the maps for Questions 6 and 7, if used, must be fastened, loosely but securely, inside the answer-book opposite the written part of the answer.

1. Study the one-inch to one mile Ordnance Survey map extract (Perth) provided.
- (a) *On the section on page 3 drawn along Easting 14 from New Scone (140260) to Balmarno Hill (140146) mark and name:*
- (i) River Tay and River Earn;
 - (ii) Kinnoull Hill and Moncreiffe Hill;
 - (iii) A trunk road, an electricity transmission line, a single track railway, a wooded steep slope.
- (b) *In your answer book:*
- (i) State *three* physical differences between the River Earn and its valley on the one hand and the Binn Burn and its valley from 185129 to 161133 on the other.
 - (ii) Using map evidence state briefly the uses to which the land south of Northing 16 has been put by man.
 - (iii) Draw a labelled sketch-map to show Perth as a route centre.
2. *EITHER:*
- (a) By means of a sketch-map, locate the main features of an area, which must not exceed *five* square miles, of which you have first-hand knowledge.
- (b) With the aid of sketch-maps or diagrams, describe and account for *one* of the following aspects of the area: physical features; land use pattern; settlement and communications; industrial development.
- OR:*
- With reference to actual examples, describe *four* separate ways in which lakes may be formed.

3. Study the following climatic statistics:

	Altitude	Temperature °C		Rainfall — inches		
		Jan.	July	Jan.	July	Annual
Scilly Isles	163'	7.8	15.6	3.6	2.2	32.6
Cambridge	41'	3.3	17.2	1.9	2.3	21.6

- (a) Name and, with the aid of a diagram, describe the instrument used to measure either temperature or rainfall.
- (b) Account for the differences between the seasonal distribution of rainfall and the annual rainfall totals.
- (c) Explain the influence of climate on farming in either South-West England or the Fens and East Anglia.
4. With reference to one of the following traverses:
- (a) London to Brighton,
- (b) London to Rugby,
- (c) Middlesbrough to Hull,
- describe with the aid of sketch-maps or sketch-sections (i) the relief and drainage and (ii) the land use of the regions crossed.

5. EITHER:

	Area (sq. miles)	Total Population	Density per sq. mile
Irish Republic	26,600	2,849,000	107
Northern Ireland	5,460	1,458,000	267

Give the reasons for the difference in population densities shown above.

OR:

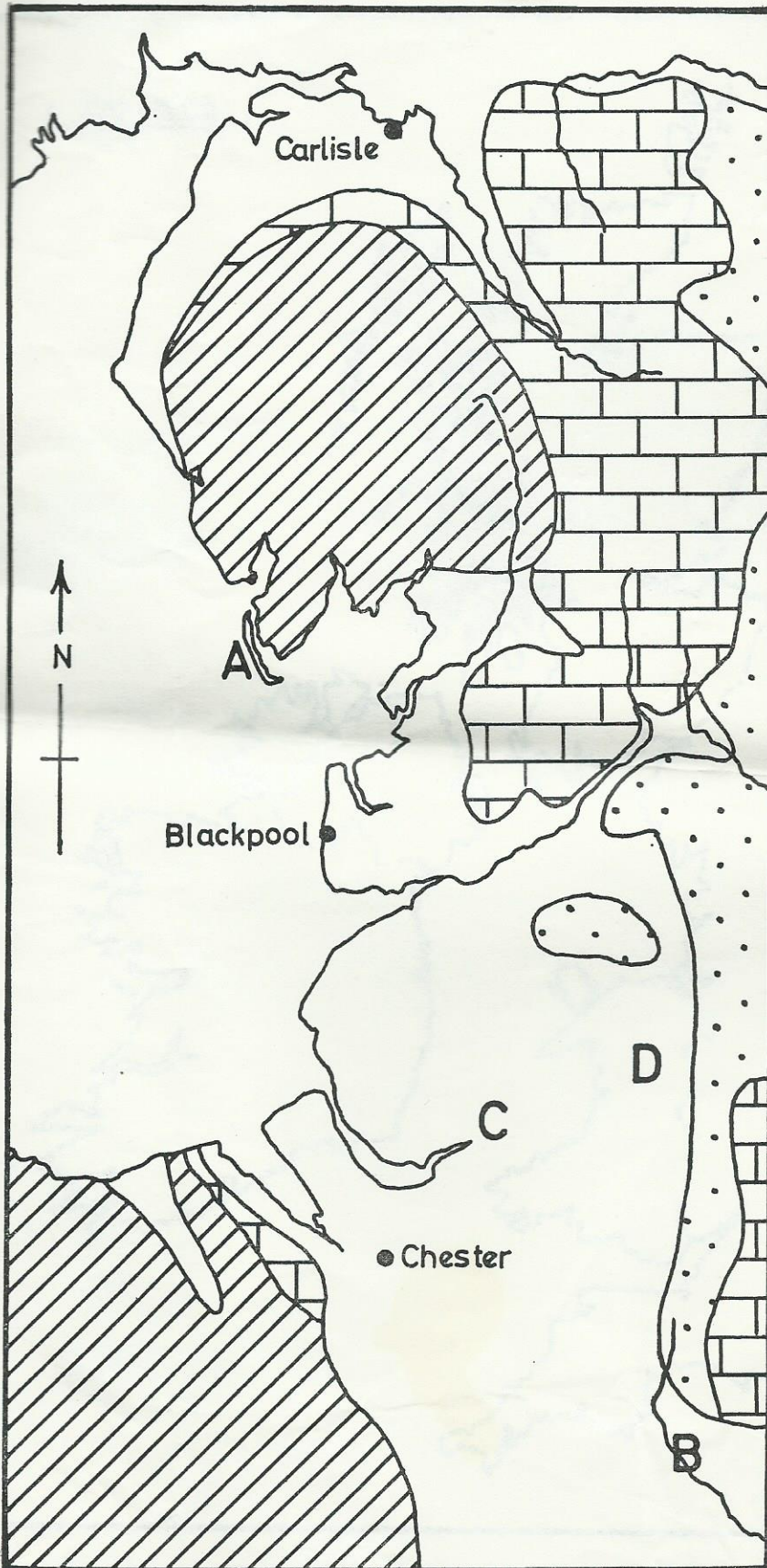
	Area (sq. miles)	Total Population	Density per sq. mile
Total Wales and Monmouthshire	8,020	2,676,000	334
Glamorgan	818	1,244,000	1,521

Explain why such a high proportion of the total population of Wales is found in Glamorgan.

6. (a) On the map on page 4:
- (i) Name the rocks in the squares provided.
- (ii) Insert and name three coalfields.
- (iii) In the space provided, name one important industry at each of the areas marked A, B, C, D.
- (b) In your answer book:
- EITHER: Describe the scenery in both the areas you named in (a) (i).
- OR: Account for the development of two of the industries you named in (a) (iii).
7. (a) On the outline map of the British Isles on page 5, mark by a dot and the appropriate letter an example of five of the following:
- hydro-electric power station (H), oil refinery (O), nuclear power station (N), new major road bridge or tunnel (R), naval base (B), motor-car manufacturing town (M), important airport (A). Name each example.
- (b) In your answer-book: Illustrate the location of three of these examples by means of sketch-maps only.
8. (a) With the aid of a sketch-map, describe the limits and the physical features of the Central Lowlands of Scotland.
- (b) Locate on your sketch-map the area of the map used in Question 1.
- (c) Name and account for the development of two major industries other than coal mining in the Central Lowlands.

Write your Centre Number here.....

Write your Candidate Number here.....



	Granite, slate and volcanic rocks.

A	
B	
C	
D	