

GENERAL CERTIFICATE OF EDUCATION BOARD

General Certificate of Education Examination

Geography 2
0550

JUNE 2023

ORDINARY LEVEL

Subject Title	Geography
Paper No.	Paper 2
Subject Code No.	0550

Two and a Half (2½) hours

Answer FOUR Questions choosing ONE from each section.

Question ONE carries 30 marks. All the other Questions carry 20 marks each.

Each question that is sub-divided has the sub marks in brackets.

In questions involving calculations, all steps of the working MUST be shown.

If an outline MAP and/or GRAPH are used, they must be tied inside your answer booklet, opposite the written part of the answer.

NB-ONLY THE FIRST FOUR QUESTIONS ANSWERED WILL BE MARKED

You are reminded of the necessity for good English and orderly presentation in your answers.

Turn Over

0550/2

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SECTION A MAP WORK

This question constitutes 33.3% of the marks in the paper and 21.5% of the marks for the whole subject.
You are advised to spend about ONE HOUR on this question.

1. a) Study the Ordnance Survey map Extract of **Barmouth (1:50,000)** provided and answer the following questions:

Reduce the map to half the original scale and insert the following:

- (i) The limit of the National Nature Reserve.
- (ii) River Afon Dysynni from **710093** to **650081**.
- (iii) A railway line.
- (iv) The highland area southeast of River Afon Dysynni and Tal-Llyn-Lake.
- (v) The lake at **657117**.
- (vi) The parking at **697 154**.

Add a key and a new scale.

- b) Calculate the area between the main road **A496** and **A493**; (show all steps in the working). (12 marks)
- c) (i) What is the relationship between the distribution of roads and relief? (4 marks)
- (ii) Comment on the drainage of the map. (6 marks)
- d) With map evidence state any **FOUR** functions of the Town of Barmouth. (4 marks)

Total (30 marks)

SECTION B PHYSICAL GEOGRAPHY (EXCLUDING CAMEROON)

2. a) (i) Use the following information on the movement of the Earth and classify them under Rotation and Revolution: **Round the sun; Seasons; Axis; One day; Eastwards and Anticlockwise; Orbit; Day and Night; One year.** (Tabulate your work). (4 marks)
- (ii) You are traveling in a Bus, and the radio announced at news time that it was 15h00 GMT. Calculate the longitude in which your bus was if your watch reads 18H00. (4 marks)
- b) (i) Name **TWO** types of Drainage patterns. (4 marks)
- (ii) Briefly describe the components of the Ecosystem. (4 marks)
- c) Using examples, state **FOUR** effects of ocean currents. (4 marks)
- d) Explain briefly:
- (i) **TWO** causes of water scarcity. (4 marks)
 - (ii) **TWO** ways of reducing water scarcity.

Total (20 marks)

- 3 a) (i) Classify the following landforms as Erosional and Depositional features. (Use a table) **Yardangs; Natural levées; Barchans; Rock pedestals; Deltas; Waterfalls; Beaches; Sea cliffs; Hanging valleys; Seif dunes; Clints/grykes and Meanders.** (6 marks)
- (ii) Select one Erosional feature from (3ai) above and draw a well labeled diagram to show its appearance. (4 marks)
- b) (i) On the outline map of the world provided, locate and name each of the following biomes: Equatorial rainforest; Coniferous forest; Hot desert; Savanna grassland. (4 marks)
- (ii) State briefly **THREE** characteristics of the tropical savanna vegetation. (3 marks)
- c) Describe **TWO** processes of each of the following:
- (i) Physical weathering.
 - (ii) Chemical weathering. (3 marks)

Total (20 marks)

SECTION C

HUMAN GEOGRAPHY (EXCLUDING CAMEROON)

4. a) State **TWO** Assumptions made by Von Thünen in his Agricultural Land use theory. (2 marks)
 b) Describe **TWO** problems caused by Agricultural activities on the environment. (4 marks)
 c) Outline **FOUR** strategies used by Newly Industrialized Countries (NICs) to experience rapid economic growth. (4 marks)
 d) (i) Name any **THREE** Multipurpose River Development Projects. (6 marks)
 (ii) Select one of the projects and, state **THREE** reasons why it was carried out. (4 marks)
 e) Give **FOUR** reasons why tourism is an important economic activity. (4 marks)

Total (20 marks)

5. a) The following are components of an industrial system: **weaving; cloth; carpet; bleaching powder; dyeing; labour; land; bags; buildings; spinning machinery.**
 (i) Arrange them under the headings: Inputs, Processes and Output. Tabulate your work. (5 marks)
 (ii) Explain Alfred Weber's Material Index concept. (3 marks)
 b) On the outline map of the world provided, shade and name:
 (i) One area of low population density;
 (ii) Named transport route;
 (iii) A fishing ground in the Northern Hemisphere. (6 marks)
 c) Briefly explain what you understand by the following:
 (i) Conurbations;
 (ii) Dormitory town. (4 marks)
 d) What problems are faced by the increasing world population on the use of non-renewable resources? (2 marks)

Total (20 marks)

SECTION D

GEOGRAPHY OF CAMEROON

6. a) On the outline map of Cameroon provided, **locate** and **name** the following:
 (i) The Adamawa plateau;
 (ii) The Savanna vegetation;
 (iii) River Benue;
 (iv) The Lagdo Dam;
 (v) An area of active volcano. (Add a key). (5 marks)
 b) Describe **TWO** causes each for the following problems:
 (i) Low level of agricultural productivity;
 (ii) Poorly developed transport network;
 (iii) Water scarcity in towns;
 (iv) Traffic congestion. (8 marks)
 c) State **THREE** strategies put in place by the Cameroon government to increase tourism. (3 marks)
 d) Suggest the measures that the government of Cameroon should take to become an emerging nation (NIC). (4 marks)

Total (20 marks)

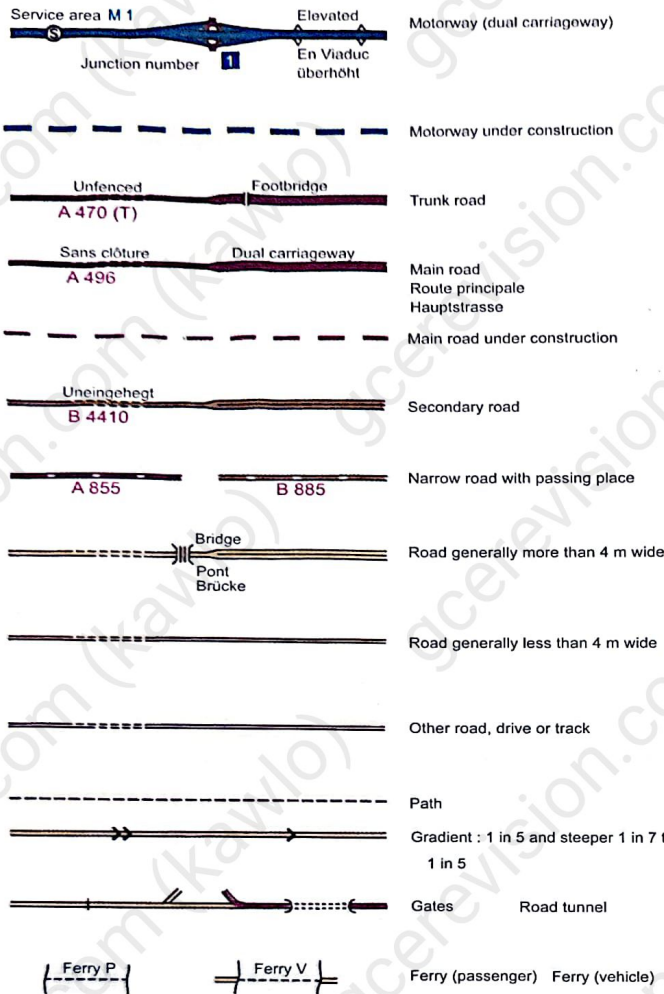
7. a) On the outline map of Cameroon provided, locate and name the following:
 (i) Southern low plateau;
 (ii) Douala-Yaounde- Bertoua Highway;
 (iii) One major airport;
 (iv) One industrial zone;
 (v) Lake Chad;
 (vi) Waza National Park. (6 marks)
 b) State **TWO** problems affecting:
 (i) Urban centres;
 (ii) The exploitation of forest resources;
 (iii) The tourist industry;
 (iv) Road transport. (8 marks)
 c) Outline **THREE** economic importance of the Atlantic Ocean to Cameroon. (3 marks)
 d) Briefly explain **THREE** difficulties in developing Air transport in Cameroon. (3 marks)

Total (20 marks)

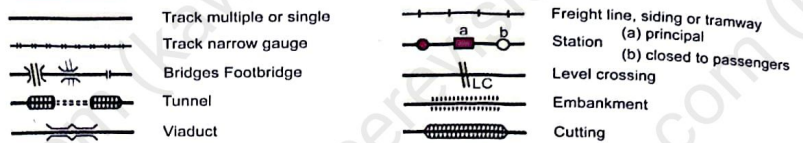
Turn Over

ROADS AND PATHS

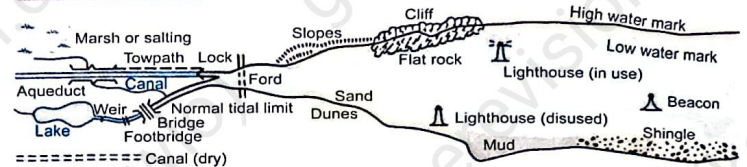
Not necessarily rights of way



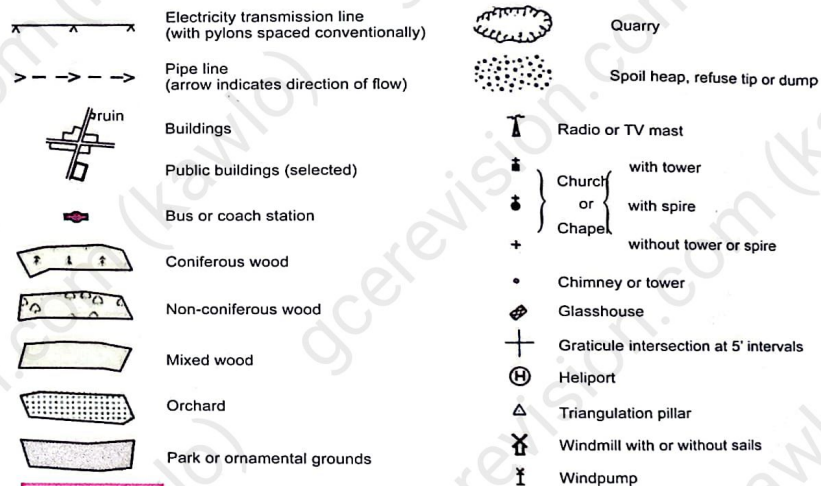
RAILWAYS



WATER FEATURES



GENERAL FEATURES



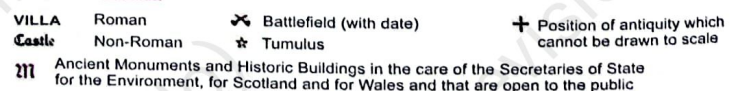
BOUNDARIES



ABBREVIATIONS

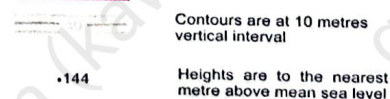


ANTIQUITIES

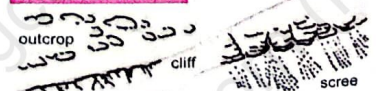


The revision date of archaeological information varies over the sheet

HEIGHTS

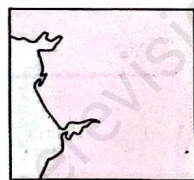


ROCK FEATURES



PUBLIC RIGHTS OF WAY

(Not applicable to Scotland)



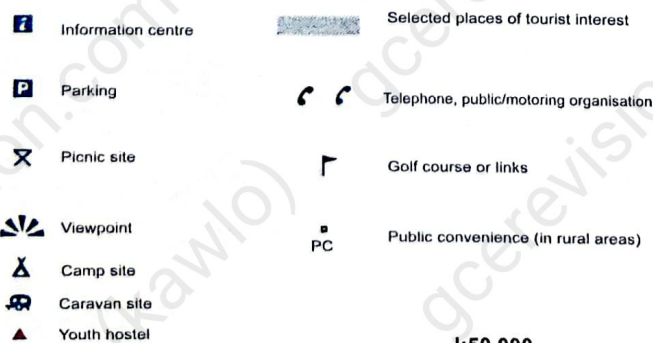
Extent of available information

Public rights of way indicated by these symbols have been derived from Definitive Maps as amended by later enactments or instruments held by Ordnance Survey on 1st February 1988 and are shown subject to the limitations imposed by the scale of mapping

The representation on this map of any other road, track or path is no evidence of the existence of a right of way

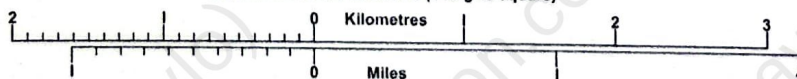
Danger Area MOD Ranges in the area. Danger! Observe warning notices

TOURIST INFORMATION



1:50 000

2 centimetres to 1 kilometre (one grid square)



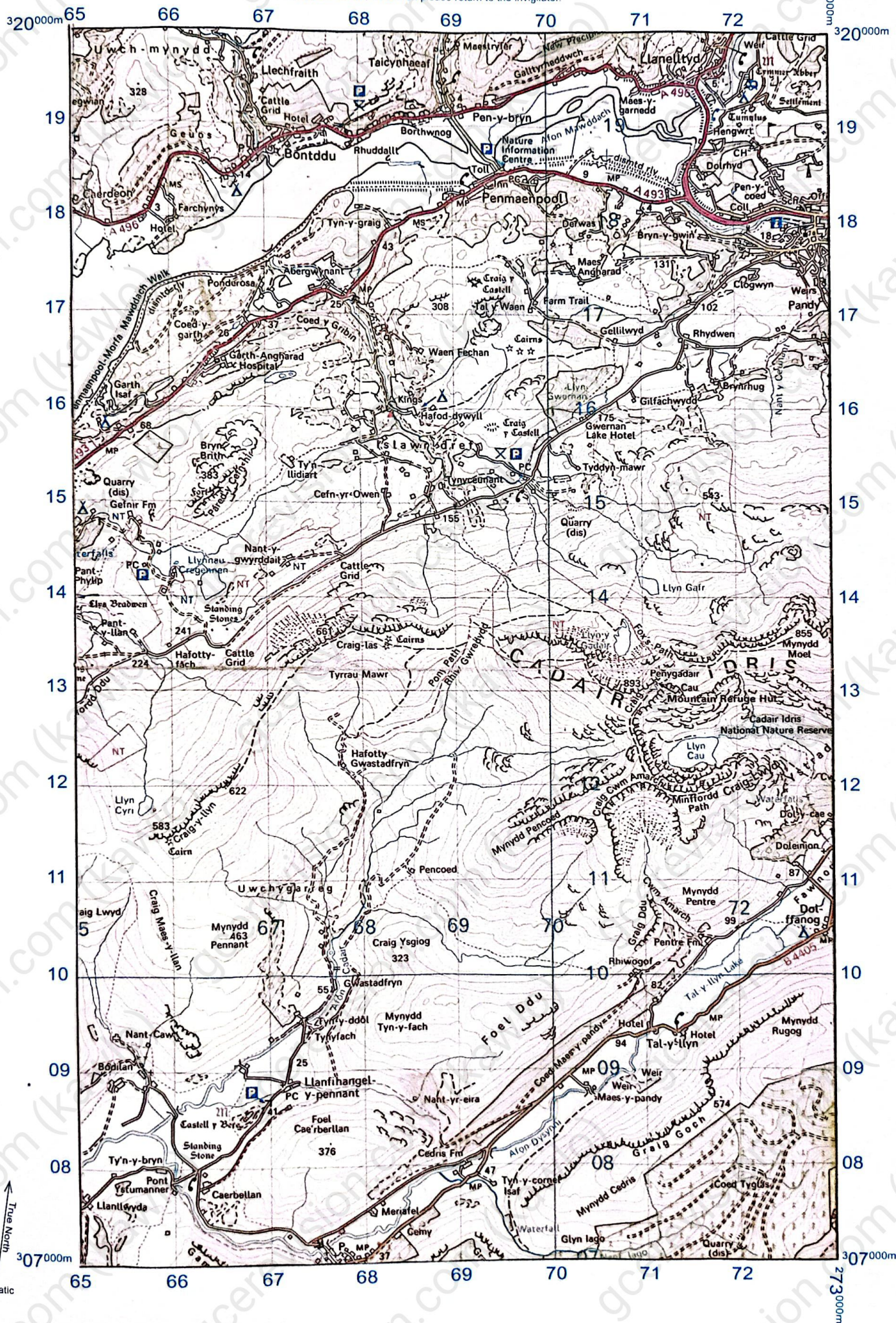
SNOWDONIA NATIONAL PARK

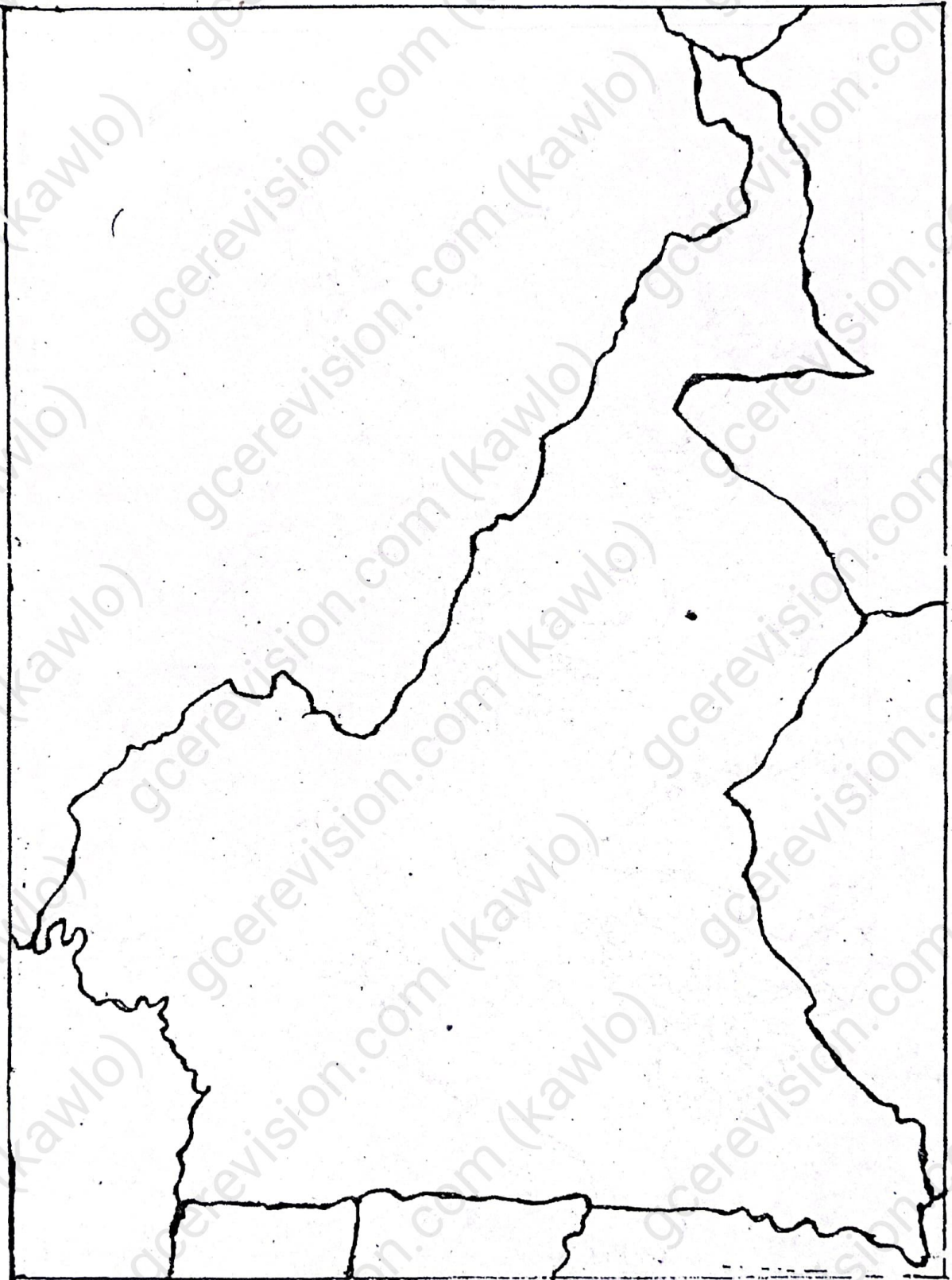


Limit of area Confirmation Order 1951



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Map of Cameroon

