

Geography 3  
0750

**CAMEROON GENERAL CERTIFICATE OF EDUCATION BOARD**

General Certificate of Education Examination

**JUNE 2019**

**ADVANCED LEVEL**

|                         |                  |
|-------------------------|------------------|
| <b>Subject Title</b>    | <b>Geography</b> |
| <b>Paper No./Title</b>  | <b>Paper 3</b>   |
| <b>Subject Code No.</b> | <b>0750</b>      |

---

**THREE AND A QUARTER HOURS**

Answer **FOUR QUESTIONS** in all.

Answer question **ONE** and three others, choosing **ONE** question from **SECTION B** and **TWO** from **SECTION C**.

Question **ONE** carries thirty-one marks and the rest carry twenty-three marks each.

Only the required number of questions will be marked.

In answering questions on this paper, you are encouraged to refer to your own field and practical work where relevant.  
Credit will be awarded for such references.

Candidates are advised NOT to attempt the questions on field investigations if such an exercise has not been carried out.

Marks will be awarded for well annotated maps and diagrams where these are relevant.

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

Calculators are allowed.

Materials required: Topographic map, Graph Paper and two outline maps of Cameroon

---

## SECTION A

### MAP WORK (COMPULSORY)

Study the map extract of **Ndop and Environs at 1:50,000** and answer the questions that follow:

- (a) (i) Describe the differences in the relief characteristics north of northing 39. (4 marks)
- (ii) Briefly comment on the relationship between relief and drainage in the map area north of northing 39. (5 marks)
- (pi) Calculate the Sinuosity Index of River Nun along the section between points “A” at 632425 and “B” at 650397. (3 marks)
- (b) Describe and account for:
- (i) the location of rice farms/plantations. (4 marks)
- (ii) the distribution of road network. (4 marks)
- (c) (i) Draw a topological diagram of the transport network linking the following settlements shown on the map: Ndop, Bamessing, Bamali, Balikumbat, Bamukumbit and Bafanji. (4 marks)
- (ii) Calculate the Beta Index of the network shown in (c)(i) above. (2 marks)
- (iii) What is the significance of your result? (1 mark)
- (d) Briefly describe the site and situation of Ndop. (4 marks)

---

## SECTION B

### FIELD WORK AND TECHNIQUES

2. Based on field work which you carried out in physical or human Geography, choose one of the following six topics:

- (i) Rock and relief,
- (ii) Stream channel flow characteristics,
- (iii) Vegetation characteristics.
- (iv) Traffic flow characteristics.
- (v) Rural or urban land use/characteristics:
- (vi) A modern farm or cottage industry

- (a) Locate and describe the area where the field work was carried out. (5 marks)
- (b) State the aim(s) and the hypothesis. (3 marks)
- (c) Outline the type of data and the tools needed for the investigation of the chosen topic. (4 marks)
- (d) Briefly describe how you used the tools on the field to obtain the required data in (c) (4 marks)

above.

- (e) How was your data processed and your results presented? (5 marks)
- (f) What conclusion was arrived at in relation to your hypothesis? (2 marks)

3. Study the table below showing temperature and rainfall data for a station in South-East Asia

| Month         | J   | F   | M   | A   | M   | J   | J   | A   | S   | O   | N   | D   |
|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Temp (°C)     | 24  | 24  | 26  | 26  | 28  | 28  | 27  | 26  | 26  | 27  | 26  | 25  |
| Rainfall (mm) | 280 | 180 | 150 | 160 | 200 | 160 | 150 | 180 | 200 | 300 | 660 | 630 |

(a) Use the data on the table above to calculate:

- (i) The mean monthly temperature
- (ii) Temperature range
- (iii) Annual average rainfall

**(6 marks)**

- (i) using the value for mean monthly temperature obtained in (a) (i) above, calculate the standard deviation of the mean monthly temperature using the formula:

$$\text{Standard deviation (r)} = \sqrt{\frac{\sum(\bar{x} - x)^2}{N}}$$

Where: X = monthly temperatures

X = mean monthly temperature

N = number of months (12) **(8 marks)**

**(8 marks)**

- (ii) State the significance of your answer obtained in (b)(i)

**(3 marks)**

- (ii) Calculate the coefficient of variation stated as:

$$CV = \frac{100 \times \text{standard deviation (r)}}{\text{mean temperature}}$$

**(3 marks)**

- (b) How is the rainfall pattern from September to December in South East Asia different from the pattern in Cameroon?

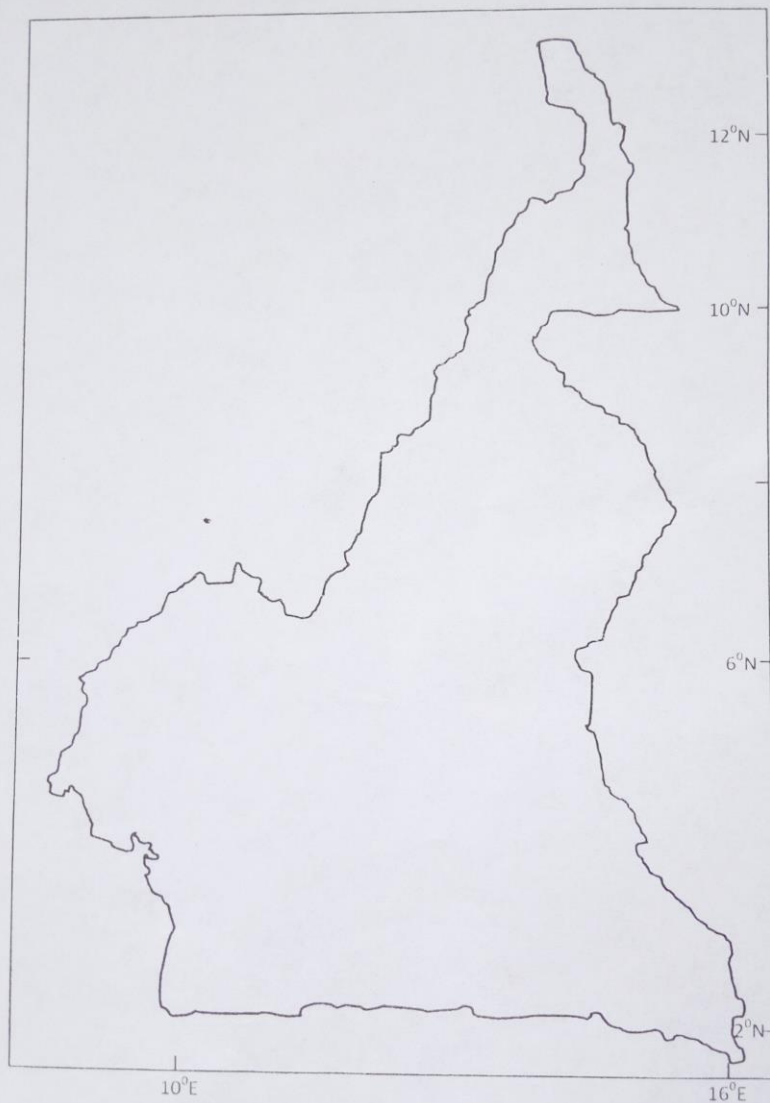
**(3 marks)**

**(Total = 23 marks)**

**SECTION C:**

**CAMEROON**

4. (a) Briefly describe the relationship between climate and soils in any one of the following regions:  
(i) Northern Lowlands  
(if) South Cameroon Low **Plateau**. (8 marks)
- (b) Briefly show how the prevailing climate in the region chosen above has negatively affected agricultural productivity. (8 marks)
- (c) What measures have been put in place by the government to promote mineral exploitation in Cameroon? (7 marks)
- 
5. (a) Examine the dominant winds and their characteristics responsible for the seasons in Cameroon, (8 marks)
- (b) (i) Show how wildlife constitutes one of the most important resources of the tourist industry in Cameroon. (7 marks)
- (ii) Advance at least **four** reasons why Cameroon is yet to become an important tourist destination in Africa despite her rich tourist endowments. (8 marks)
- 
6. (a) Locate the Western Highlands naming **THREE** mountain peaks and describe the relief characteristics of the region. (9 marks)
- (b) (i) Use any **THREE** human factors to compare the nature of population distributions on the Western Highlands and the Adamawa Plateau. (9 marks)
- (ii) Explain any **TWO** reasons why Douala and Yaounde are “primate cities” in Cameroon, (5 marks)
- 
7. (a) Identify the main soil types of the Coastal Lowlands of Cameroon and briefly describe their Characteristics. (9 marks)
- (b) Examine the reasons for the socio-economic disparity between the Adamawa Plateau and the Coastal Lowlands of Cameroon. (9 marks)
- (c) Examine the different strategies put in place by the government to bridge the gap between backward and prosperous regions in Cameroon. (6 marks)



Outline Map for questions 4, 5, 6 and 7



# MAP EXTRACT OF NDOP AND ENVIRON

## KEY

### TRANSPORT NETWORK

Trunk Road

Earth Road

Foot Paths

Aerodrome

RIVER

Intermittent Stream

Swampy Land

Cultivated area: 1 without trees 2 with trees

Free Range Land

Eucalyptus Farms

Galaxy Forest along Streams

Rice Plantation

Subsistence Farming

Livestock Ranch

Built up Area

Rural Habitats

School

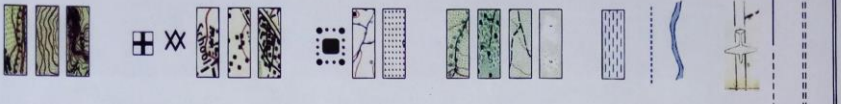
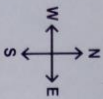
Market

Hospital

RELIEF

Contour Lines

Escarpment



Scale 1:50,000

