



Geography 3
0750

CAMEROON GENERAL CERTIFICATE OF EDUCATION BOARD

General Certificate of Education Examination

JUNE 2017

ADVANCED LEVEL

Subject Title	Geography
Paper No./Title	3
Subject Code No.	0750

THREE AND A QUARTER HOURS

Answer **FOUR QUESTIONS** in all.

Answer question **ONE** and three others, choosing at least **ONE** question from each of **SECTIONS B and 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: Graph Paper.

SECTION A**MAPWORK**

1. Study the topographic map extract of Mabombe and Environs at 1:50.000 provided and answer the questions that follow,

- (a) Describe and explain the relief on both sides of the River Dibombe **(8 marks)**
- (b) (i) Draw a sketch of the drainage network of the unnamed tributary stream that joins the River Dibombe at grid square 6285, north east of Mabombe settlement. Using the Strahler's method, rank the stream and draw a frequency table. **(5 marks)**
- (ii) Calculate the bifurcation ratio (R_b) of the network and state its significance. **(3 marks)**
- (c) Comment on the location (site and situation) of Mabombe, **(5 marks)**
- (d) Using map evidence only, account for the distribution of plantation agriculture **(4 marks)**
- (e) Describe and account for the distribution of the road network in the map extract **(5 marks)**
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SECTION B FIELD WORK AND TECHNIQUES**EITHER**

2. Based on fieldwork you have undertaken in physical geography, choose one of the following topics:

- (a) Downstream variation in the size and shape of bed load
- (b) Soil texture and depth
- (i) Locate your area where the fieldwork was carried out **(4 marks)**
- (ii) State your objective and hypothesis **(3 marks)**
- (iii) Which materials did you use and what were your methods of investigation? **(6 marks)**
- (iv) How was your data processed and presented? **(7 marks)**
- (v) What were your conclusions? **(3 marks)**

OR

Based on fieldwork you have undertaken in human geography, choose one of the Following topics:

- (a) Rural land use
- (b) Sphere of influence of a shopping centre
- (i) Locate your area where the field work was carried out **(5 marks)**
- (ii) State your objectives and hypothesis **(3 marks)**
- (iii) Which material did you use and what were your methods of investigation? **(5 marks)**
- (iv) How was your data processed and presented? **(7 marks)**
- (v) What were your conclusions? **(3 marks)**

3. Study the data below showing the variation in the discharge of the River Ntem (South Cameroon) for the period 1st April 2012 to 31st March 2013

Month of the Year	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March
Discharge (Cubic M/s)	260	330	310	170	60	220	550	620	300	100	80	50

(7 marks)

- (b) Calculate the average monthly discharge of the river for the year and draw a line graph on the bar chart to show this average discharge, (3 marks)
- (c) Describe the variation in the discharge of the river for the period. (3 marks)
- (d) What type of regime does the river exhibit? (2 marks)
- (e) What are the advantages of this method of representing discharge? (3 marks)
- (f) State the main factor(s) favouring this regime. (3 marks)
- (g) Apart from discharge, state any **Two** other drainage characteristics that can be measured in a drainage basin. (2 marks)

**SECTION
CAMEROON**

4. (a) Briefly describe the characteristics of the climate of the Northern Lowlands and the Coastal Lowlands of Cameroon. (8marks)
- (b) Show how the differences in the characteristics of the climate types have resulted in:
- (i) Differences in types of agriculture (8marks)
- (ii) Differences in the magnitude of problems faced by the farmers (7marks)
5. (a) Identify the main soil type in the South Cameroon Low Plateau and briefly describe its characteristics. (10 marks)
- (b) Locate the various mineral resources of Cameroon south of the Adamawa Plateau and explain why many are yet to be exploited. (15 marks)
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6. (a) Identify and locate the main relief regions and drainage features of Cameroon from the Adamawa Plateau northwards. (6 marks)
- (b) (i) Name FOUR national parks or reserves in the northern regions identified in (a) above (2 marks)
- (ii) Examine the major touristic attractions (apart from the parks and reserves) in this northern part and explain why tourists visit them. (10 marks)
- (c) Outline the infrastructure and services that have been put in place to facilitate tourism here. (5 marks)

Turn Over

7. (a) With reference to any two contrasting regions of Cameroon, explain the contribution of any following factors towards the existing contrast in the level of economic development.

(15 marks)

Relief, historical factor, socio-cultural differences, nature of soils and geology.

(b) What measures have been undertaken to reduce the development gap between the identified regions?

(8 marks)

Faint - Secondary Forest		Motorway	
Thicket - The forest or Wooded swamps		Footpath or level road	
Severely well trees or shrubs - Grass land or slope		Road: motorable all weather: 1. Main - 2. Secondary	
Ramsey bath - Boundary of forest or forest reserve		Road: motorable for weather: 1. Main - 2. Secondary	
Cultivated area 1. Irrigated (pink) 2. well trees		Road under construction	
Plantation - Rubber tree		Jeep track	
Area liable to flooding - Marshy zone		Foot path: 1. Irrigated - 2. Secondary	
Mangrove - Wet Sand		Roads and tracks on which the position is uncertain are shown by a dashed outline symbol	
Arable spaces: <ul style="list-style-type: none"> 1. Palm tree - Banana tree - Coconut palm 2. Rubber tree - Coffee plant - Cocoa plant 3. Cassia tree - Rubber - Rubber 4. Teak - Tea plant - Yucca - Yucca 	<ul style="list-style-type: none"> Standard gauge single track - single track Double track Narrow gauge (under 1 meter) 		
Fringe with or without trees		1. Station - 2. Halt, stop - 3. Stage - 4. Tunnel	
Submarine canals (taken from charts of the Central Hydrographic Service)		Electric power line	
1. Built-up area - 2. Permanent buildings - 3. Easing ramp		Telephone line	
Roadside inns, rest-places, hot, lava chertings		Ferry - Encage - Fair bridge - Road culvert to floating	
Waste dumping ground - Temporary dwellings		Well post - Water tower - Reservoir - Well - Spring - Tank	
Market - Hospital - Dispensary - School		Water course: <ul style="list-style-type: none"> 1. Line of navigability 2. Canal - 3. Large - 3. Small 4. Fall - 5. Rapid - 6. Not clearly defined 	
Orphan mission: 1. Catholic - 2. Protestant		International enclosure	
Church - Temple - Mosque		1. River, closed stream - 2. Intermittent pond	
1. Christian cemetery - 2. Muslim		1. River with trees - 2. Gallery bridge	
Aerodromes: 1. Hard surfaced landing - 2. Other landing			
Post office: 1. with telecommunication - 2. Without telecommunication			
1. Broadcasting station - 2. S.H.F.			
Gasoline tank - Customs post			
Factory - Mine - Dam			
1. Mill - 2. Pier - 2. Light house - 4. Light			
Contours: 1. Normal - 2. Intermediate - 3. Depressed contour - 4. Rocky area			
Dunes - Dry Sand			
1. Large rocky equipment - 2. Small - 1. Outcrop			
1. Large rock - 2. Small rock			
Earth bank - 1. With trees - 2. Without trees			
1. Concrete covered pipe - 2. Masonry or pipe			
1.2. Bench mark - 1. Spot height			

