

Geography 1  
550

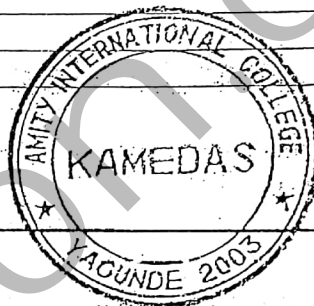
CAMEROON GENERAL CERTIFICATE OF EDUCATION BOARD

General Certificate of Education Examination

JUNE 2008

ORDINARY LEVEL

Subject Title	Geography
Paper No	Paper 1
Subject Code No.	550



Two hours.

Answer questions ONE and TWO others. Question one carries 15%, the others 12½% each of the total marks for the examination. Questions two and three on field work should be answered only by those candidates who have carried out a course of field studies.

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

**ADDITIONAL INSTRUCTIONS ON HANDLING THE MAP EXTRACT**

- The Map Extract (Newhaven and Lewis) must not be taken out of the examination room.
- Candidates are instructed to insert their copies of the map in their Answer Books. These copies shall be extracted at the Marking Centre.
- Candidates are advised not to make any marks on the map.
- Candidates who disobey these instructions will be penalised.

1. Study the 1:50,000 Ordnance survey map extract (New haven and Lewes) provided, and in your answer books: *Map too wide to photocopy → seek original if available*

- (a) Reduce the map extract to half the original scale and insert and name the following:-
- (i) the railway line connecting New havens railway station (-by the main road A 259) to lewes railway station. (8 marks)
  - (ii) the coastal cliff,
  - (iii) a quarry,
  - (iv) river ouse
  - (v) all land above 100 metres of Denton Hill
  - (vi) add the new scale
- (b) Comment on the drainage pattern of the map extract. (7 marks)
- (c) Comment on the relationship between the relief and communication on the map extract. (10 marks)
- (d) From map evidence state the functions of New haven. (11 marks)
- (30 marks)

2. Do not attempt this question unless you have done field studies in physical geography. Choose one of the following topics for which you have carried out fieldwork:

- (i) an area affected by volcanicity;
  - (ii) the process of erosion and deposition in a small river or stream;
  - (iii) an area of at least two types of vegetation cover;
  - (iv) soil profile.
- (a) Name and locate the area of your field study; (4 marks)
- (b) State clearly the purpose of the study; (4 marks)
- (c) With the aid of diagrams, describe how the fieldwork was carried out; (9 marks)
- (d) Give your conclusion and state the problems you encountered. (8 marks)
- (25 marks)

3. Do not attempt this question unless you have carried out fieldwork in human geography. Choose one of the following for which you have carried out a field study:

- (i) Urban land use patterns;
  - (ii) Cash crop farming in a rural area;
  - (iii) Land reclamation;
  - (iv) An industry (manufacturing or local craft).
- (a) On a sketch map name and locate the area of your field study. (4 marks)
- (b) Describe how the fieldwork was carried out; (10 marks)
- (c) Briefly state what you learned by carrying out this study; (4 marks)
- (d) Describe the problems you faced and suggest how they could be overcome. (7 marks)
- (25 marks)

4. (a) (i) With the aid of diagram explain what you understand by longitudes. (9 marks)
- (ii) What is the importance of longitudes?
- (b) (i) Using diagrams, explain what you understand by solstices; (11 marks)
- (ii) Give three reasons why summers are warmer than winters.
- (c) A man left Geraldton (Australia) 115°E by air for Melbourne (Australia) 145°E  
What time was it at Geraldton if he arrived Melbourne at 10:30p.m? (5 marks)
- (25 marks)

3.

5. Below is a jumbled list of both processes and landforms:  
Exfoliation; spit; deflation; cirque; saltation; plucking; laccolith, oxidation; waterfall; attrition; earth pillars;  
Pot-holes; long shore drift; shield volcano; soil creep; crag and tail.

- (a) Re-arrange the above information under the headings: Processes and Landforms. (8 marks)  
 (b) Select any two landforms listed above in (a) and for each draw a-labelled diagram to show its characteristic features. (8 marks)  
 (c) For any three processes listed above, explain how each operates. (9 marks)  
 (25 marks)

6. Study the table below which shows the climate of two stations A and B.

MONTH		J	F	M	A	M	J	J	A	S	O	N	D
TEMPERATUR (°C)	A	27	28	28	28	27	25	25	26	26	26	26	27
	B	13	13	22	25	31	33	37	34	29	29	29	16
RAINFALL (mm)	A	33	53	135	229	274	379	391	300	323	434	112	36
	B	38	15	15	20	0	0	0	0	0	8	18	36

- (a) Calculate the annual temperature range for stations A and B. (6 marks)  
 (b) Calculate the mean annual rainfall for stations A and B. Show working at each stage. (8 marks)  
 (c) Describe the distribution of temperature and rainfall in station A. (9 marks)  
 (d) Suggest the climatic type of Stations A and B (2 marks)  
 (25 marks)

7. (a) (i) Explain what you understand by natural vegetation?  
 (ii) On the world outline map provided, locate and name an area where each of the following Vegetation types is found:  
 Temperate Deciduous forest; Tropical rain forest, monsoon forest, mountain vegetation, Hot desert vegetation. Add a key. (13 marks)
- (b) Describe the characteristics of ONE vegetation type mentioned above. (6 marks)
- (c) (i) Explain why the soils of the tropical rainforest are less fertile than those of the temperate grasslands. (6 marks)

8. Write a geographical essay on one of the following topics:

- (i) Types of rainfall;  
 (ii) Uplands glaciation;  
 (iii) Lakes;  
 (iv) Weathering.

(25 marks)