



P250/1
PHYSICAL
GEOGRAPHY
Paper 1
3 hours

@ Facilitator
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LIGHT AFRICA SECONDARY SCHOOL

Uganda Advanced Certificate of Education

PHYSICAL GEOGRAPHY

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3 hours

+256
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INSTRUCTIONS TO CANDIDATES:

This paper consists of three Sections: A, B and C.

Attempt four questions.

Section A is compulsory.

Answer one question from Section B and one from Section C.

Credit will be given for use of relevant sketch maps, diagrams and specific examples studied in the field.

Any extra question shall not be assessed.

SECTION A:

Questions 1 and 2 are compulsory

MAPWORK — COMPULSORY QUESTION

Study the 1:50,000 (UGANDA) MASINDI map, part of the Sheet 39/3 and answer questions that follow.

- (a) (i) State the grid reference of trigometrical station at Kibenya. (01 mark)
- (ii) Identify the man-made feature found at grid reference 601886. (01 mark)
- (b) (i) Calculate area covered by Budongo forest reserve. (02 marks)
- (ii) Giving reasons for your answer, state the hemisphere where the map was taken. (02 marks)
- (c) (i) Using a new scale of 1:100,000, enlarge the area between Eastings 55 and 59 and Northings 84 and 88 and on the new frame mark and label the following:
- Transport routes
 - Plantations
 - Masindi town
 - 2 rivers
- (10 marks)
- (ii) Calculate the scale factor used. (02 marks)
- (d) (i) Describe the relief of the area shown on the map extract. (04 marks)
- (ii) Giving vivid examples identify the major land use types in the area shown on the map extract. (03 marks)

COMPULSORY QUESTION: PHOTOGRAPH INTERPRETATION

2. Study the photograph provided and answer questions that follow.



- (a) Draw a landscape sketch of the photograph and on it mark and label
- (i) 2 physiographic regions
 - (ii) 2 land use types
 - (iii) Vegetation types
 - (iv) Major occurrence (07 marks)
- (b) (i) With reasons identify the major occurrence in the middle ground. (02 marks)
- (ii) Examine the causes and effects of the above occurrence. (09 marks)
- (c) (i) Suggest steps that can be taken to curb down such occurrences. (05 marks)
- (ii) Giving reasons identify an area in East Africa where this photograph could have been taken. (02 marks)

SECTION B

2. Account for the development of volcanic landforms in East Africa. (25 marks)
3. (a) Account for the formation of igneous rocks in east Africa (15 marks)
- (b) Assess the significance of rocks to the economic development of East Africa. (10 marks)
4. (a) Distinguish between **marine regression** and **marine transgression**. (06 marks)
- (b) Describe the features resulting from marine transgression. (19 marks)

SECTION C

5. (a) Distinguish between **frontal** and **organic rainfall**. (05 marks)
- (b) Explain the factors which influence rainfall patterns in E. Africa. (20 marks)
6. Account for the deterioration of natural forest vegetation cover in East Africa. (25 marks)
7. Explain the processes responsible for the formation of major soil types in East Africa. (25 marks)