

P250/1
Physical Geography
Paper I
July - August, 2023
3 hours



UGANDA MUSLIM TEACHERS' ASSOCIATION

UMTA JOINT MOCK EXAMINATIONS 2023

UGANDA ADVANCED CERTIFICATE OF EDUCATION

Geography
(Physical Geography)

Paper I

3 Hours

INSTRUCTIONS TO CANDIDATES

- *This paper consists of three sections A, B and C.*
- *Answer **four** questions.*
- *Section A is compulsory*
- *Answer **one** question from Section B and **one** question from Section C.*
- *Credit will be given for the use of relevant sketch maps, diagrams and specific examples studied in the field.*
- *Any additional question(s) attempted will **not** be marked.*

SECTION A

Questions 1 and 2 are compulsory.

1. COMPULSORY MAP WORK QUESTION

Study the 1: 50,000 EAST AFRICA (UGANDA) BUDADIRI map extract part of sheet 54/4, series Y732, Edition 2-U.S. D and answer the questions that follow.

(a) State the:

- i) grid reference of the footbridge at Bukalasi. (01 mark)
- ii) man-made feature found at grid reference 498287. (01 mark)

b) Calculate the height of Mudanye conical hill top. (02 mark)

c) By 2 ½ times, draw a reduced sketch map of the area West of Easting 57 and North of Northing 16. On the sketch map drawn, mark and name the following.

- i) Namugabwe and Bundagala ridges,
- ii) river Namatala and its tributaries,
- iii) Mount Elgon Forest,
- iv) any two communication routes. (10 marks)

(d) Describe the; -

- i) relationship between relief and communication, (08 marks)
- ii) problems faced by the people living in the area shown on the map extract due to the nature of relief. (03 marks)

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2 1/2

2 1/2 x 30

5 1/2 x 30

5 1/2 x 30

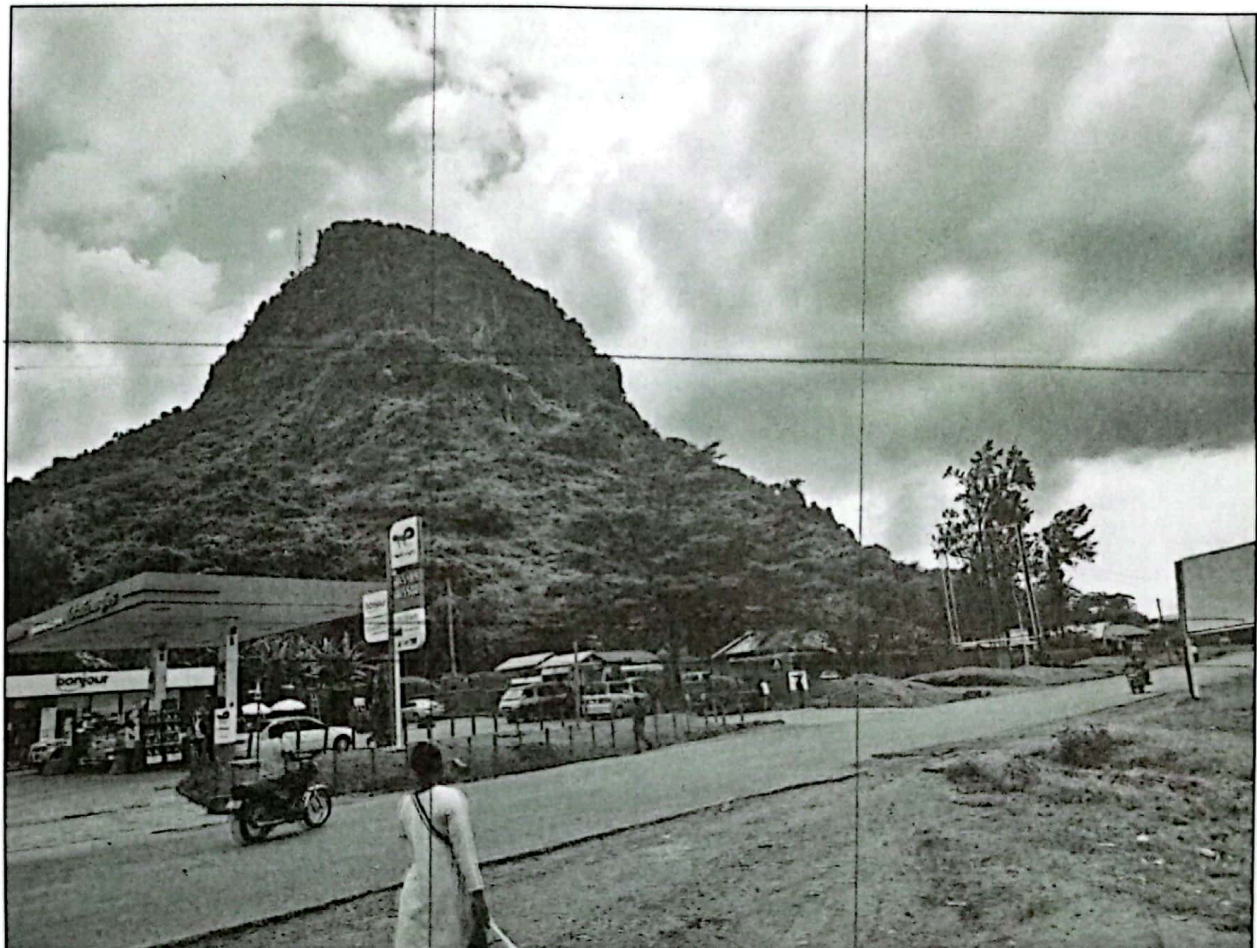
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2. COMPULSORY PHOTOGRAPH INTERPRETATION QUESTION

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



- (a) (i) Giving reasons for your answer, identify the type of photograph provided. (02 marks)
- (ii) Draw a landscape sketch of the area shown in the photograph and on it, mark and label any;
- two relief features,
 - three land use types,
 - one energy infrastructure.
- (09 marks)

- (b) Describe the process responsible for the formation of the relief feature shown in the foreground of the photograph. (07 marks)
- (c) Explain the impact of the construction of the infrastructure in the foreground on the physical environment in the area shown in the photograph. (05 marks)
- (d) Giving reasons for your answer, suggest an area in East Africa where this photograph could have been taken (02marks)

SECTION B

Answer *one* question from this section.

3. To what extent does the plate tectonics theory of continental drifting explain the present-day distribution of continents and ocean basins? (25 marks)
4. (a) Describe the processes responsible for the formation of block mountains in East Africa. (15marks)
- (b) Explain the influence of mountains on human activities in East Africa. (10 marks)
5. (a) Distinguish between block disintegration and carbonation. (08 marks)
- (b) Explain the conditions responsible for the occurrence of physical weathering in East Africa. (17marks)

SECTION C

Answer *one* question from this section.

6. Account for the current climate change in East Africa. (25 marks)
7. a) Explain the factors which favour the growth of Mangrove vegetation along the East Africa coast. (15 marks)
- b) Assess the importance of Mangrove Forests to the people of East Africa. (10 marks)
8. Examine the factors which influence soil catena development in East Africa. (25 marks)

Climate liminal human act.
 temp human
 soil plant rules
 relief plant rules
 altitude latitude **END** climate
 drainage low pop soil
 path drainage
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mombasa
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