

P250/1

GEOGRAPHY

(Physical Geography)

Paper 1

MOCK 2024

AUGUST

TIME: 3 HOURS



MEBU EXAMINATIONS CONSULT

Uganda ADVANCED CERTIFICATE OF EDUCATION

MOCK EXAMINATIONS 2024

GEOGRAPHY

(Physical Geography)

PAPER 1

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INSTRUCTIONS TO CANDIDATES:

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

SECTION A

Question 1 and 2 are compulsory

COMPULSORY MAP QUESTION

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

a)(i). State the grid reference of the borehole at Budadiri town. (01mark)

ii). Calculate the area covered by Mount Elgon forest reserve south of northing 20. (02 marks).

b)(i). Draw a reduced map by 50% of the area shown on the map extract and on it marks and name

- Two physiographic features
- Forest vegetation cover
- River manafwa and its tributaries
- Water shed
- Mbale- Budadiri loose surface road.

(09 marks)

ii). Calculate new scale of the reduced map (01 mark)

c). Describe the relief of area shown on the map extracts (04 marks)

d). Explain the values of Mount Elgon reserve to the people living in the surrounding areas. (04 marks)

. e). Outline the problems facing the people living in the area shown on the map extract. (04 marks).

2. Study the photograph provided below and answer the questions which follow



- a) Draw a landscape sketch map of the area shown in the photograph and on it mark and name;
- i) Communication
 - ii) Water falls
 - iii) Plunge pool
 - iv) Cliff
 - v) Vegetation types (09 marks)
- b).Discuss the processes which contributed to the formation of the land form features in the photograph above. (06 marks)
- c) Outline the importance of the features in the photograph to the surrounding.(04 marks)
- d) i) Explain the influence of the drainage features on land uses seen in the photograph. (4 marks)

- ii) Giving reasons to your answer, suggest any **one** area in East Africa where the photograph could have been taken from. (2 marks)

SECTION B

3. Examine the relevance of Wegner's theory of continental drift in explaining the present day position of continents. (25 marks)
4. Examine the influence of extrusive vulcanicity on the development of relief landforms in East Africa? (25 marks)
5. Account for the dominance of physical weathering in the semi-arid areas of East Africa. (25 marks)

SECTION C

6. a). Distinguish between absolute humidity and relative humidity (06 marks)
- b). Account for the variation in humidity in East Africa. (19 marks)
7. a). Describe the characteristics of dry savannah vegetation (10 marks)
- b). Account for the growth of dry savannah vegetation in east Africa (15 marks)
8. To what extent has relief influenced the process of soil formation in east Africa? (25 marks)

END