

P250/1

GEOGRAPHY

(Physical Geography)

Paper 1

Nov/Dec, 2024

3 Hours

Uganda Advanced Certificate of Education

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(Physical Geography)

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INSTRUCTIONS TO CANDIDATES

*This paper consists of three sections **A** and **B**.*

*Answer only **four** questions in all.*

*Section **A** is compulsory.*

*Answer **two** question from section **B**.*

Any additional question(s) attempted will not be marked.

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

SECTION A

1. COMPULSORY MAPWORK QUESTION.

Study the 1:50,000(Uganda) KIBOGA map extract part of sheet 59/2, series Y732 edition 3-U.S. D and answer the questions that follow:

- a) (i) state the grid reference of kasega trigonometrical station secondary pillar.
(ii) name the natural feature found at grid reference 645059
- (b) state the bearing of the bridge at kiboga grid reference 623018 from the top at Naluvule hill grid reference 677013
- c) draw a sketch map of the area shown on the map extract and on it mark and name:
 - i. two physiographic regions
 - ii. a forest plantation
 - iii. any two drainage features
 - iv. all weather and dry weather roads
- d). Describe the:
 - i. relief of the area shown on the map extract.
 - ii. Relationship between relief and drainage of the area shown on the map extract.
- e) giving evidence from the map extract, identify the economic activities carried out in the area.

2. COMPULSORY PHOTOGRAPH INTERPRETATION QUESTION.

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



- (a) Draw a landscape sketch of the area shown in the photograph and on it mark and name; (i) Any two river erosional features. (08 marks)
- (ii) Physiographic regions
- (iii) River cliff.
- (iv) Vegetation type in the middle ground. (06 marks)
- (b) Describe the process responsible for the formation of any one river erosional land form shown on the photograph. (05 marks)
- (c) Explain the importance of the features shown on the photograph to the economic development of East Africa. (04 marks)
- (d) Explain the problems faced by the people living in the area (02)
- (e) Giving a reason for your answer, suggest any **one** area from East Africa where the photograph could have been taken.

SECTION B

Attempt any two question from this section

3. Examine the relevance of **wegner's theory of continental drift** in trying to explain the origin and distribution of continents and ocean basins. (25 marks)
4. a) Explain the processes that led to the formation of **igneous rocks**. (10 marks)
b) With reference to specific examples, examine the **contribution of rocks** to the development of rocks to the development of east Africa. (15 marks)
5. Examine the **chemical weathering processes** taking place in the humid regions of east Africa. (10 marks)
- b. Describes the **landforms** resulting **chemical weathering** in east Africa. (15 marks)
6. To what extent has the east African highlands are result of **volcanicity**. (10 marks)
- 7.why are the glaciers limited in east Africa. (10 marks)
- b. Examine the processes responsible for the **glacial erosional features** in the highland areas of east Africa (15 marks)