

**P250/1**

**GEOGRAPHY**

**(Physical Geography)**

Paper 1

Jul/Aug 2019

3 Hours



**MUKONO EXAMINATION COUNCIL**

**Uganda Advanced Certificate of Education**

**GEOGRAPHY**

**(Physical Geography)**

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**INSTRUCTIONS TO CANDIDATES**

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

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

*Section **A** is compulsory.*

*Answer **one** question from section **B** and **one** from section **C**.*

*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

### *Question 1 and 2 are Compulsory*

#### 1. Compulsory Map work question.

Study the 1:50,000 EAST AFRICA (UGANDA) KATUNGURU Map extract part of sheet 76/1, series Y32, Edition 4 – USD and answer the questions that follow.

- a) (i) Giving reasons, state the hemisphere in which Katunguru is located **(02 marks)**  
(ii) Calculate the trend of the Loose surface road from Ishasha and Rulshuru (700821) to Kahyoro (763767) **(02 marks)**
- b) Reduce the area East of Easting 76 and South of Northing 88 by 2 times and draw a sketch map on it, make and name;
  - (i) Two physiographic regions
  - (ii) Two drainage features
  - (iii) One vegetation type
  - (iv) Two land use activities**(11 marks)**
- c) (i) What evidence is there to suggest that the land use activities in the area covered by the map extract are planned? **(04 marks)**  
(ii) Explain the relationship between relief and communication. **(routes 06 marks)**

#### 2. Compulsory Photograph Interpretation Question

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



- a) Draw a land scape sketch of the area shown in the photograph and on it, mark and name
  - i) two relief Features
  - ii) two vegetation types
  - iii) one land use type

**(08 marks)**
- b) Account for the geomorphic occurrence shown in the photograph above. **(08 marks)**
- c) Examine the control measures that can be adopted to overcome the geomorphic occurrence shown in Photograph above. **(06 marks)**
- d) Giving reasons for your answer, suggest one area in East Africa where the photograph could have been taken. **(03 marks)**

## SECTION B

*Answer **one** question from this section*

- 3. To what extent are high lands in East Africa a result of diastrophic movements? **(25marks)**
- 4. (a) Distinguish between a Gorge and a Plunge Pool. **(10 marks)**  
 (b) Account for the development of a Gorge **(15 marks)**
- 5. (a) Describe the characteristics of Coral land forms. **(09 marks)**  
 (b) Examine the relevance of Murry's theory in the understanding of the origin and formation of Coral landforms. **(16 marks)**

## SECTION C

*Answer **one** question from this section.*

- 6. (a) Distinguish between Relative and Absolute humidity. **(08 marks)**  
 (b) Account for the humidity variations in East Africa. **(17 marks)**
- 7. To what extent does latitudinal location influence the distribution of Miombo Vegetation in East Africa? **(25 marks)**
- 8. (a) Distinguish between Pedocals and Pedalfers. **(08 marks)**  
 (b) Examine the factors that influence the formation of Azonal soils in East Africa. **(17 marks)**

**End -**