

P250/1  
**GEOGRAPHY**  
(Physical Geography)  
PAPER 1  
July / Aug. 2022  
3 hours



**UGANDA TEACHERS' EDUCATION CONSULT (UTEC)**

Uganda Advanced Certificate of Education

**GEOGRAPHY**

(PHYSICAL GEOGRAPHY)

**Paper 1**

3 hours

**INSTRUCTIONS TO CANDIDATES:**

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

*Answer **FOUR** questions in all.*

*Section **A** is compulsory*

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

*Any additional question(s) answered will **not** be marked.*

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

*Turn Over*

**SECTION A**  
**Questions 1 and 2 are compulsory**

1. **COMPULSORY MAP WORK QUESTION**  
Study the 1:50,000 (UGANDA) LAKE NAKIVALI map extract part of sheet 86/4, series Y732 Edition 4, USD and answer the questions that follow:

- (a) (i) Identify the man made feature found at grid reference 539073. (01 mark)
- (ii) State the grid reference of the water tank at Makiro. (01 mark)
- (b) Given a new scale of 1:25,000, enlarge the area between eastings 54 and 58, and northings 10 and 13 on the map extract, and on the new frame, mark and name:
- (i) two physiographic regions
- (ii) two drainage features
- (iii) two transport routes
- (iv) one vegetation type. (11 marks)
- (c) (i) Measure in kilometers the distance of the loose surface road south of northing 06. (02 marks)
- (ii) Calculate the area covered by Lake Nakivali to the north of Northing 13. (02 marks)
- (d) (i) Describe the relief of the area shown on the map extract. (04 marks)
- (ii) Explain the relationship between relief and land use in the area shown on the map. (04 marks)



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



- (a) Draw a landscape sketch of the area shown on the photograph and on it mark and name:
- i) Cliff
  - ii) Meander loop
  - iii) Flood plain
  - iv) Ox – bow lake
  - v) Braided channel.
- (08 marks)
- (b) Account for the formation of any three drainage features in (a) above.
- (09 marks)
- (c) Discuss the problems likely to face the people living in the area shown in the photograph.
- (06 marks)



- (d) Giving reasons for your answer, suggest one area in East Africa where this photograph could have been taken. (02 marks)

### SECTION B

3. Examine the role of geological structure in the formation of land forms in East Africa. (25 marks)
4. To what extent does the rate and character of weathering depend on lithology? (25 marks)
5. With reference to specific examples from East Africa, describe the landforms produced by marine erosion. (25 marks)

### SECTION C

6. (a) Distinguish between frontal rainfall and orographic rainfall. (10 marks)
- (b) Account for the differences in the rainfall pattern in East Africa. (15 marks)
7. Account for the distribution of natural forest vegetation in East Africa. (25 marks)
8. To what extent is the development of latosols influenced by climate? (25 marks)

END