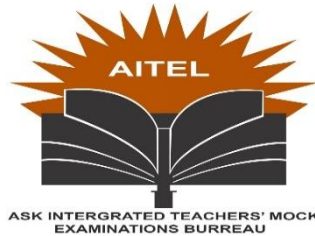


P250/1  
Geography  
Physical geography  
2023

3 hours



# AITEL JOINT MOCK EXAMINATION

## *Uganda Advanced Certificate of Education*

### PHYSICAL GEOGRAPHY

Paper 1

*3 hours*

#### **INSTRUCTIONS TO CANDIDATES**

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

#### **SECTION A**

Questions **1** and **2** are compulsory

**COMPULSORY QUESTION MAP WORK**

1. Study the map extract 1:50,000 (UGANDA) MASINDI sheet 39/3 and answer the questions that follow;
  - a) (i) Name the physical features found at grid reference 464803. (01mk)  
ii) State the grid reference of Nyakarunya hill top (01mk)
  - b) (i) Draw a relief section along Easting 52 between Northing 85 and 77 and on it mark and label.
    - River
    - Boundary
    - Ridge
    - All weather road
    - Motorable tract
    - Settlements (09mks)ii) Calculate the vertical exaggeration of the relief section. (02mks)
  - c) (i) Describe the settlement patterns shown in the area covered by the map extract. (02mks)  
ii) Examine the factors influencing the distribution of settlements in the area shown on the map. (06mks)
  - d) Explain the factors which have influenced the location of Masindi town. (04mks)

**COMPULSORY PHOTOGRAPH INTERPRETATION QUESTION**

2. Study the photograph provided and answer the questions that follow;



(a) Draw a landscape sketch of the photograph and on it mark and name

(i) Any two relief regions

(ii) Any two land use types,

(iii) A beach

(iv) A water body

(9 marks)

(b) (i) Describe the relationship between relief regions and land use types shown on the photograph.

(4 marks)

(ii) Explain the problems being faced by people living in the area.

(4 marks)

(c) Account for the formation of the beach shown in a (iii) above (4 marks)

(d) (i) What type of photograph is this? (2 marks)

(ii) Giving reasons for your answer suggest an area in East Africa where this photograph could have been taken. (2 marks)

### SECTION B

3. To what extent has topography contributed to the occurrence of mass wasting in highland areas of East Africa? (25mks)

4. (a) Distinguish between **Normal faults** and **Reverse faults** (04mks)

b) Explain the influence of faulting on drainage in East Africa. (21mks)

5. (a) Account for river rejuvenation in East Africa. (10mks)

b) Describe the effects of river rejuvenation on the land scape of East Africa. (15mks)

### SECTION C

6. (a) Describe the steps taken to measure and record rainfall at a weather station. (07mks)

b) To what extent have air masses influenced the distribution of rainfall in East Africa? (18mks)

7. Account for the distribution of forest vegetation in East Africa. (25mks)

8. (a) Distinguish between **soil profile** and **soil catena**. (10mks)

b) With specific examples examine the influence of the parent rocks and topography on the development of soil types in East Africa. (15mks)

**END**