

3 Hours



UGANDA MUSLIM TEACHERS' ASSOCIATION
UMTA JOINT MOCK EXAMINATIONS – 2025
UGANDA ADVANCED CERTIFICATE OF EDUCATION

Geography
(Physical Geography)

Paper I

3 Hours

INSTRUCTIONS TO CANDIDATES:

- Answer **four** questions in all.
- Section **A** is compulsory.
- Answer **one** question from Section **B** and **one** question from Section **C**.
- Credit **will** be given for the use of relevant sketch maps, diagrams 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 MAPWORK QUESTION

1. Study the **1:50,000 (UGANDA) KIBOGA** map extract series **Y732**, part of sheet **59/2** edition **3 USD** and answer the questions that follow;

(a) State the:

(i) man-made feature at grid reference **626016**. (01 mark)

(ii) grid square in which Naluvule hill top is located. (01 mark)

(b) (i) Giving reasons for your answer, state the direction of flow of river Nakayenga. (02 marks)

(c) (i) Reduce by $2\frac{1}{2}$ times the area shown on the map extract and draw its sketch. On the sketch map drawn, mark and name;

- any **two** physiographic regions,
- any **two** drainage features,
- forest plantation,
- communication route. (10 marks)

(ii) Calculate the new scale of the sketch map drawn in **c (i)** above. (02 marks)

(d) (i) Identify any **three** settlement patterns, (03 marks)

(ii) Account for the distribution of settlements, (06 marks)
in the area shown on the map extract.

2. COMPULSORY PHOTOGRAPH INTERPRETATION QUESTION

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



- (a) Draw a landscape sketch of the area shown in the photograph and on it, mark and label:

- (i) any **two** relief regions,
- (ii) drainage feature,
- (iii) boulders,
- (iv) **one** vegetation type. (08 marks)

- (b) (i) Describe the characteristics of the drainage feature shown in the photograph (04 marks)

- (ii) Account for the existence of the boulders seen in the photograph. (05 marks)

- (c) Giving evidence for your answer, outline the challenges which will be encountered if you were to develop the area in the photograph. (06 marks)
- (d) Suggest with reasons an area in East Africa where the photograph could have been taken. (02 marks)

SECTION B

Answer one question from this section.

3. (a) Explain the processes that lead to the formation of Igneous rocks. (15 marks)
- (b) Examine the influence of rocks on human activities in East Africa. (10 marks)
4. (a) Distinguish between waterfalls and rapids. (15 marks)
- (b) With reference to specific examples in East Africa, explain the importance of the landform features found along the river profile. (10 marks)
5. Account for the formation of wave depositional features in East Africa. (25 marks)

SECTION C

Answer one question from this section

6. To what extent have wind systems influenced the climate of East Africa. (25 marks)
7. (a) Account for the occurrence of savanna grassland vegetation in East Africa. (15 marks)
- (b) Explain the causes of the deterioration of savanna grassland vegetation in East Africa. (10 marks)
8. (a) Distinguish between Pedalfers and Pedocals. (06 marks)
- (b) Describe the processes responsible for the formation of different soil types in East Africa. (19 marks)

END