



INTERNAL ASSESSMENT FEB 2023

Uganda Advanced Certificate of Education

GEOGRAPHY

PHYSICAL GEOGRAPHY PAPER P250/1

Paper 1

TIME: 3 HOURS

INSTRUCTIONS TO CANDIDATES:

- This paper consists of three sections: **A**, **B** and **C**
- Answer **FOUR** questions.
- Section **A** is compulsory
- At least **ONE** question should be answered from section **B** and **ONE** question from section **C**.
- Credit will be given for 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**.

1. Study the 1:50,000 (UGANDA) **BUDADIRI** map extract; series Y732 (D.O.S.426), part of sheet 54/4, edition 2-U.S.D and answer the questions that follow.

(a) (i) state the grid reference of the secondary trigonometrical station at Namugabwe.

(01 mark)

(ii) state the man-made feature at grid reference 495165. *(01 marks)*

(b) Measure the distance in kilometres of the loose-surface ring road from Bududa grid reference 480120 to Buwangani grid reference 485114.

(02 marks)

(c) Draw a sketch map of the area shown on the map and on it mark and name.

(i) Ridges, Bukigai, Buyola, Budadiri, Bundagala, Bulambuli and Bumagabula,

(ii) River manafwa and its tributaries,

(iii) Mount Elgon forest reserve,

(iv) Any two areas of dense settlements. *(09 marks)*

(d) Explain the relationship between relief and drainage in the area shown on the map extract. *(06 marks)*

(e) What challenges are faced by the people living in the area shown on the map extract? *(06 marks)*

COMPULSORY PHOTOGRAPHIC INTERPRETATION:

2. Study the photograph provided below and answer the question that follow.



- (a) Draw a landscape sketch of the area shown on the photograph and on it mark and name;
- (i) 2 physiographic regions
 - (ii) 1 vegetation type
 - (iii) A communication line
 - (iv) Rock debris (08 marks)
- (b) (i) Identify the exogenic process taking place in the photograph. (01 mark)
- (ii) Account for the occurrence of the exogenic process identified in (b) (i) above. (08 marks)
- (c) Suggest the possible measures that can be undertaken to control the occurrence of the above phenomenon. (06 marks)
- (d) Giving evidence from the photograph, suggest an area in East Africa where the photograph could have been taken. (02 marks)

SECTION B

Answer **one** question from this section.

- 3.** Examine the influence of tectonic movements on relief landform development in East Africa. (25 marks)
- 4.** (a) Distinguish between metamorphic rocks and sedimentary rocks. (10 marks)
- (b) Explain the importance of rocks to the development of East Africa. (15 marks)
- 5.** (a) Describe the various weathering process taking place in the semi-arid regions of east Africa. (10 marks)
- (b) Explain the effect of weathering on the relief of East Africa. (15 marks)

SECTION C

Answer **one** question from this section.

6. (a) Explain the factors that influence the formation of ocean currents
(15 marks)
- (b) Describe the effects of ocean currents on the climate of the adjacent landmasses.
(10 marks)
7. Account for the deterioration of savanna vegetation in East Africa.
(25 marks)
8. (a) Describe the characteristics of a soil profile.
(10 marks)
- (b) Examine the ways in which human activities influence soil profiles in East Africa.
(15 marks)

END