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### **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)

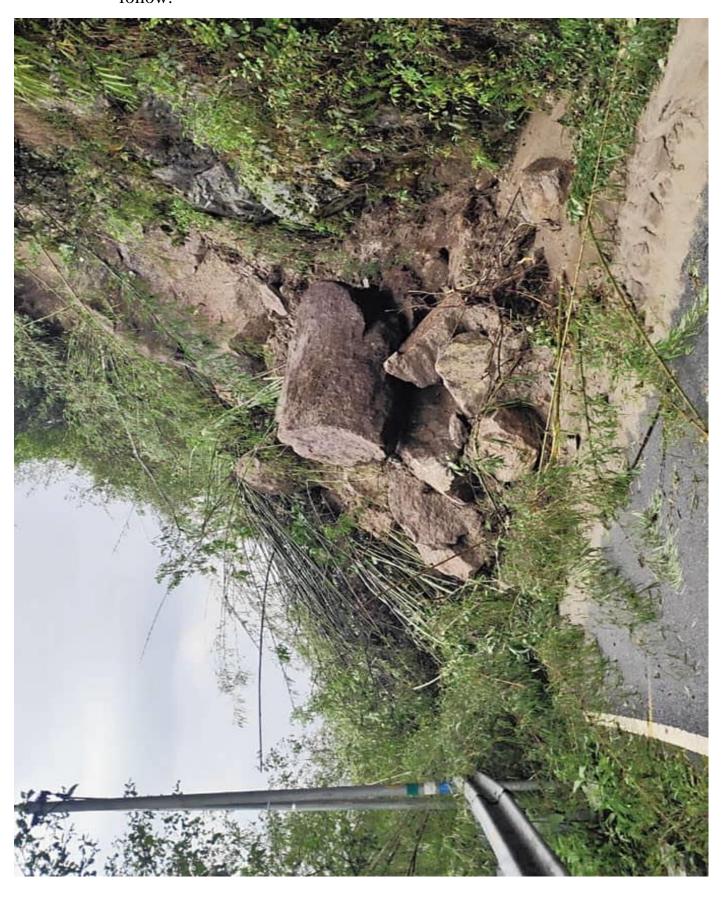
- (ii) state the man-made feature at grid reference 495165. (01 marks)
- (b) Measure the distance inn kilometres of the loose-surface ring road from Bududa grid reference 480120 to Buwangani grid reference 485114.

(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-rid 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**