

P250/1
GEOGRAPHY
(Physical Geography)
Paper 1
Nov. /Dec. 2022
3 hours



UGANDA NATIONAL EXAMINATIONS BOARD

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 only **four** questions.*

*Section **A** is **compulsory**.*

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

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

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

SECTION A

Questions 1 and 2 are compulsory.

COMPULSORY MAPWORK QUESTION:

1. Study the East Africa, 1:50,000 (UGANDA) BUDADIRI Map extract, part of Sheet 54/4, (Kenya Sheet 74W/4) Series Y732, Edition 2 - U.S.D provided and answer the questions that follow.
 - (a)
 - (i) State the grid-reference of the secondary trigonometrical station at Namugabwe. (01 mark)
 - (ii) Name the man-made feature at grid-reference 495165. (01 mark)
 - (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 QUESTION:

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) any **two** physiographic regions,
 - (ii) a drainage feature and the direction of flow,
 - (iii) a development infrastructure,
 - (iv) **one** vegetation type,
 - (v) any **one** industrial centre. (09 marks)
- (b) Using evidence from the photograph, examine the importance of the infrastructure marked on the landscape sketch in (a) (iii) above. (08 marks)
- (c) Explain the challenges faced by the people during and after construction of the infrastructure shown in the photograph. (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. (a) Explain the factors leading to the occurrence of different types of mass-wasting in East Africa. (15 marks)
- (b) Describe the measures that are being taken to control mass-wasting in East Africa. (10 marks)
4. (a) Distinguish between a **delta** and an **estuary**. (10 marks)
- (b) Giving relevant examples, account for the formation of **either** a delta or an estuary. (15 marks)
5. (a) Account for the development of coral landforms along the coast of East Africa. (15 marks)
- (b) Explain the economic importance of coral landforms. (10 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 adjacent landmasses. (10 marks)
7. Account for the deterioration of the 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)