

P250/1
Physical Geography
PAPER 1
July/August 2023
3 hours



WAKISSHA JOINT MOCK EXAMINATIONS.

Uganda Advanced Certificate of Education.

GEOGRAPHY

(PHYSICAL GEOGRAPHY)

Paper 1

3 hours

INSTRUCTION TO CANDIDATES

*This paper consists of **three** sections **A**, **B** and **C**.*

*Answer **four** questions.*

*Section **A** question **1** and **2** are 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 field.

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

SECTION A

Question 1 and 2 are compulsory.

1. Study the East Africa, 1:50,000 (UGANDA) BUDADIRI map extract, part of sheet 54/4(Kenya 74 W/4)series Y732, Edition 2 – U.S.D provided and answer the questions that follow;
- (a) (i) State the grid reference of the foot bridge East of Bukalasi.(01 mark)
- (ii) Name the man- made feature at grid reference 449290 (01 mark)
- (b) (i) With evidence from the map extract, determine the direction of river Manafwa. (02 marks)
- (ii) Outline the values of rivers to man in the area shown on the map extract. (02 marks)
- (c) Draw a reduced sketch map of the area shown on the map extract by 2.5 times and on it, mark and name;
- (i) Highland cliffs
- (ii) Rivers; Sume and Sanoli,
- (iii) Two conservation areas
- (iv) Bukigai hill and its drainage patterns. (11 marks)
- (d) (i) With evidence, Identify the human activities carried out in the area shown on the map extract. (04 marks)
- (ii) Examine the factors that have influenced the human activities identified d(i) above. (04 marks)

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



- a) Draw a sketch of the area shown on the photograph, on it mark and label;
- (i) relief regions,
 - (ii) land use types,
 - (iii) drainage features
 - (iv) snow.

(09 marks)

- b) Why are trees planted on the slopes of the hilly areas shown on the photograph? (04 marks)
- c) Account for the formation of the U-shaped valley in the foreground and middle ground of the photograph. (05 marks)
- d) (i) Examine the relationship between relief and land use shown on the photograph. (04 marks)
- (ii) Giving reasons for your answer, suggest an area in East Africa where this photograph could have been taken. (03 marks)

SECTION B

*Answer **one** question from this section.*

- 3. a) What are converging convective currents? (04 marks)
- b) Examine the influence of converging and diverging convective currents on the formation of relief land forms in East Africa. (21 marks)
- 4. Examine the factors that influence the speed and nature of weathering in East Africa. (25 marks)
- 5. Describe the influence of sea level changes on the formation of coastal land forms in East Africa. (25 marks)

SECTION C

*Answer **one** question from this section.*

- 6. a) Describe the characteristics of the climatic type experienced in Northern Kenya. (10 marks)
- b) Account for the occurrence of the climatic type identified in (a) above. (15 marks)
- 7. a) Describe the characteristics of the vegetation type between altitude 1000m - 2500m above sea level. (10 marks)
- b) Account for the growth of the vegetation identified in (a) above. (15 marks)
- 8. a) Distinguish between sheet and gully erosion. (08 marks)
- b) With reference to specific examples where soil erosion is rampant, explain the soil conservation measures being under taken. (17 marks)

END