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.

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### SECTION A

# Question 1 and 2 are compulsory.

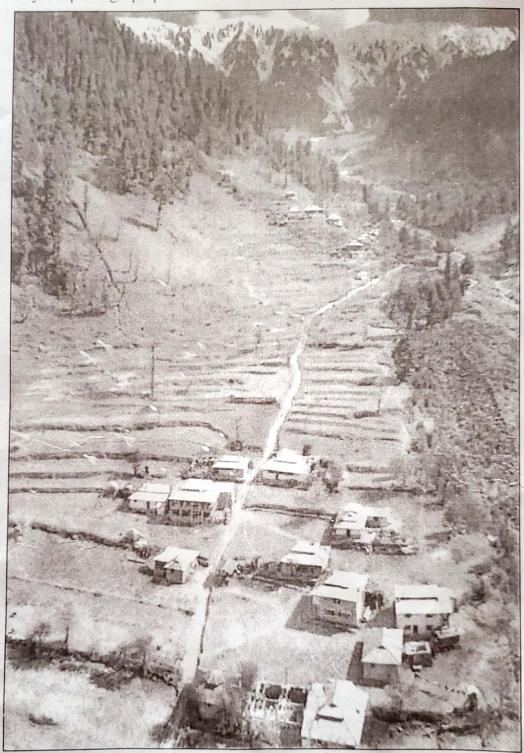
- 1. Study the East Africa, 1:50,000 (UGANDA) BUDADIRI map extract, part of sheet 54/4(Kenya 74 W/4)series Y732, Edition 2 U.S.D provided and answer the questions that follow;
  - (a) (i) State the grid reference of the foot bridge East of Bukalasi.(01 mark)
    - (ii) Name the man- made feature at grid 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)

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- 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**

