

P250/1
GEOGRAPHY
(Physical Geography)
Paper 1
Aug/ Sept: 2024
3 hours



MATIGO 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 any **four** questions.*

*Section **A** is compulsory.*

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

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

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

SECTION A

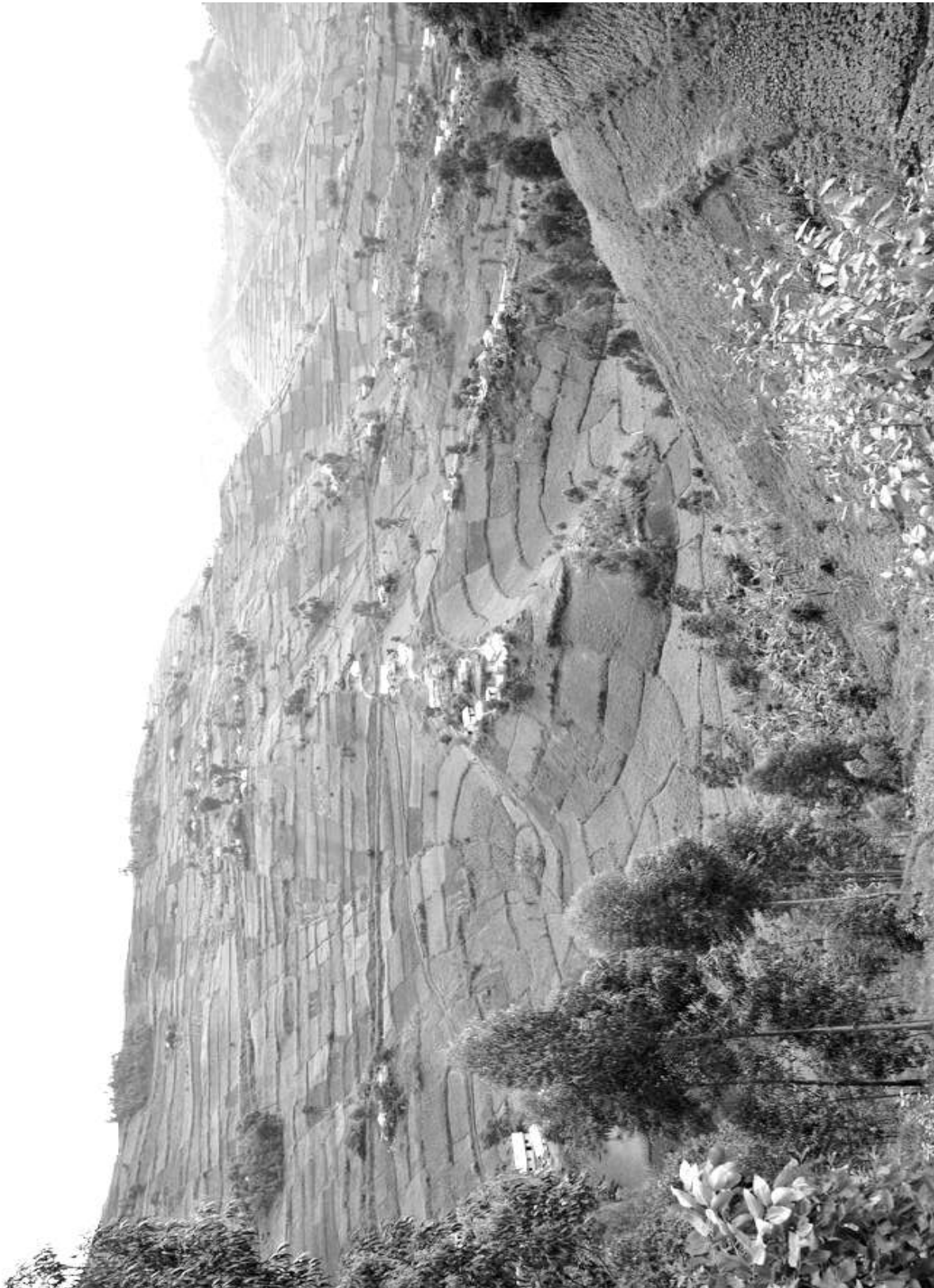
Questions 1 and 2 are compulsory

COMPULSORY MAP WORK QUESTION

1. (a) Study the 1:50000, East Africa (UGANDA) MASINDI map extract, part of Sheet 39/3, series Y732 and the answer questions that follow;
 - (i) State the grid reference of Kibinya Secondary trigonometrical station. (01 mark)
 - (ii) Identify the human feature found at grid reference 517924 (01 mark)
 - (b) (i) With evidence from the map extract, state the latitudinal and longitudinal location of Masindi. (02 marks)
 - (ii) What shows that Masindi is hilly? (03 marks)
 - (iii) Calculate the average height of the area between West of Easting 47 and south of northing 81. (01 mark)
- (c) (i) Reduce the map extract by 50% and draw a sketch map of the area and on it mark and name;
 - three physiographic regions
 - Masindi Town
 - Budongo Forest Reserve
 - Kyataruga Estate (09 marks)
- (ii) Calculate the new scale of reduced map (02 marks)
- (d) Describe the relationship between relief and vegetation in area covered by the map. (06 marks)

COMPULSORY PHOTOGRAPH INTERPRETATION QUESTION

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



- (a) Draw a landscape sketch of the area on the photograph and on it mark and name:
 - (i) two physiographic regions
 - (ii) three land uses
 (08 marks)
- (b) Describe the characteristics of the relief of the area on the photograph
(04 marks)
- (c) (i) With examples outline the settlement patterns in the area covered by the photograph
(04 marks)
 - (ii) Explain factors influencing settlement in the area covered by the photograph.
(06 marks)
- (d) 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 question.*

- 3. Explain the influence of tectonic movements on drainage in East Africa.
(25 marks)
- 4. To what extent does the rate and character of weathering depend on lithology?
(25 marks)
- 5. (a) Differentiate between marine transgression and marine regression.
(06 marks)
 - (b) Account for the formation of landforms resulting from Eustatism.
(19 marks)

SECTION C

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

- 6. (a) Distinguish between Katabatic and anabatic winds. (10 marks)
 - (b) Examine the influence of Katabatic and anabatic winds on the weather conditions of the area where they occur. (15 marks)
- 7. Examine the influence of altitude on vegetation zonation in the high lands of East Africa.
(25 marks)
- 8. To what extent has topography influenced formation of soil types in East Africa?
(25 marks) **END**