

P250/1
Geography
Physical Geography
Paper 1
July/August 2024
3 hours



MASAKA DIOCESAN EXAMINATIONS BOARD
Uganda Advanced Certificate of Education
JOINT MOCK EXAMINATIONS 2024

Geography
Paper 1
(Physical Geography)
3 hours

INSTRUCTIONS TO CANDIDATES

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

Answer **four** questions in all.

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:

Question 1 and 2 are compulsory

COMPULSORY MAP WORK QUESTION

1. Study the 1:50,000 East Africa (UGANDA) KAMPALA map extract, part of sheet 71/1, Edition 3-U.S.D and answer the questions that follow.
 - (a) What is the grid reference of the primary trigonometrical station at Naguru?
(01 mark)
 - (b) Identify the man-made feature named at grid reference 612323. (01 mark)
 - (c) Calculate:
 - (i) The bearing of Lubyia hill (Grid reference 494368 from Mutungo hill (Grid reference 602351) . (02 marks)
 - (ii) The area covered Murchison Bay excluding the swamps. (02 marks)
 - (d) Reduce the area shown on the map extract between Easting 50 and 64 and Northing 28 and 42 by 50%. Draw its sketch map and on it mark and label:
 - (i) Transport routes
 - (ii) Major drainage features
 - (iii) Swamps
 - (iv) The central business district (11 marks)
 - (e) Calculate the new scale for the drawn sketch map. (02 marks)
 - (f) Account for the use of different forms of transport in the area shown on the map. (06 marks)

COMPULSORY PHOTOGRAPH INTERPRETATION QUESTION

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



- (a) Draw a sketch of the area shown in the photograph and on it mark and label:
- (i) Any **three** relief features
 - (ii) Any **two** vegetation types
 - (iii) Area affected by human interference
 - (iv) A drainage feature
- (10 marks)
- (b) Describe the major processes behind the formation of the relief feature in the middle - middle ground of the photograph. (06 marks)
- (c) Describe the relationship between soils and vegetation in the area shown in the photograph. (06 marks)
- (d) Suggest an area in East Africa where the photograph could have been taken. (03 marks)

SECTION B:

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

3. To what extent has faulting influenced the development of relief features in East Africa? (25 marks)
4. (a) Differentiate between block disintegration and granular disintegration. (06 marks)
- (b) Account for the occurrence of physical weathering in East Africa (19 marks)
5. Describe the mode of formation of different categories of lake types of East Africa. (25 marks)

SECTION C:

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

6. To what extent has altitude influenced the climate of East Africa? (25 marks)
7. (a) Describe the characteristics of tropical rain forests. (10 marks)
- (b) Explain the conditions which have favoured the growth of tropical rain forests in East Africa. (15 marks)
8. (a) What is meant by soil catena? (05 marks)
- (b) Account for the development of soil catenees in East Africa (20 marks)

END