

P250/1
Physical Geography
Paper I
July - August, 2024
3 hours



UGANDA MUSLIM TEACHERS' ASSOCIATION
UMTA JOINT MOCK EXAMINATIONS 2024
UGANDA ADVANCED CERTIFICATE OF EDUCATION

Geography
(Physical Geography)
Paper I
3 Hours

INSTRUCTIONS TO CANDIDATES:

- Answer **four** questions in all.
- Section **A** is 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 the field.
- Any additional question(s) attempted will **not** be marked.

SECTION A

Questions 1 and 2 are compulsory

1. COMPULSORY MAP WORK QUESTION

Study the **1:50,000 EAST AFRICA (UGANDA) KAMPALA** map extract, part of sheet 71/1, series Y732, edition 3- USD and answer the questions that follow

- (a) State the;
- (i) Grid reference of the secondary trigonometrical station at Buziga (01 mark)
 - (ii) Man – made feature at grid reference **525439**. (01 mark)
- (b) Calculate the area covered by Lake Victoria on the map extract excluding swamps. (02 marks)
- (c) Reducing by $2\frac{1}{2}$ times, draw a sketch map of the area shown on the map extract and on it mark and name the following;
- (i) Hills: Naguru and Kireka,
 - (ii) Lake Victoria and Nakivubo swamps,
 - (iii) any **one** planted forest,
 - (iv) Kampala city centre,
 - (v) railway line. (11 marks)
- (d) Describe the;
- (i) relief, (04 marks)
 - (ii) relationship between relief and drainage, in the area shown on the map extract. (06 marks)

2. COMPULSORY PHOTOGRAPH INTERPRETATIONS QUESTION

Study the photograph provided below and answer the questions that follow



- (a) Draw a landscape sketch and on it mark and label any;
- (i) **two** physiographic regions
 - (ii) **three** land use types (08 marks)
- (b) (i) Identify the weather condition shown in the middle ground of the photograph. (01 mark)
- (ii) Describe the process(es) leading to the occurrence of the weather condition identified in **(b) (i)** above. (06 marks)
- (c) Explain the problems faced by people living in the area shown in the photograph (08 marks)
- (d) Giving reasons for your answer suggest an area in East Africa where this photograph could have been taken (02 marks)

SECTION B

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

3. (a) Distinguish between divergent and convergent plate movements. (06 marks)
(b) Explain the relevance of plate tectonics in the understanding of the distribution of continents (19 marks)
4. Examine the influence of igneous rocks on the formation of extrusive volcanic landforms in East Africa (25 marks)
5. Account for the formation of wave erosion landforms in East Africa. (25 marks)

SECTION C

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

6. Account for the increasing semi-arid climatic conditions in East Africa. (25 marks)
7. (a) Account for the destruction of natural forest vegetation in East Africa. (15 marks)
(b) Explain the measures being taken to ensure sustainable use of natural forest vegetation in East Africa. (10 marks)
8. To what extent have human activities been responsible for the occurrence of soil erosion in East Africa? (25 marks)

END