

**UGANDA ADVANCED CERTIFICATE OF EDUCATION
MOCK EXAMINATIONS-2024**

**GEOGRAPHY-P250/1
PAPER I (Physical geography)**

TIME 3 HOURS

INSTRUCTION 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 questions 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 MAPWORK QUESTION:

Study the 1:50,000 EAST AFRICA (UGANDA) **KAMPALA** map extract, Part of Sheet 71/1, Series Y732, Edition 3-U,S,D and answer the questions that follow:

- a (i) State the grid reference of the high-level reservoir at Muyenga. (1 mark)
- (ii) Identify the human feature at grid reference **525439** (1 mark)
- b (i) Calculate the trend of the Jinja railway Line between the level crossings at grid reference **574362** and **664388** (2 marks)
- (ii) Calculate the area in Km², covered by Lake Victoria / Murchison Bay shown on the map. (2marks)
- c) Draw a line transect from grid reference **600350** to grid reference **650400** and on it mark and name:-
- Major transport routes
 - Political boundaries
 - Plantation forests.
- (9marks)
- (ii) Calculate the...
- amplitude of relief (2marks)
 - vertical exaggeration of the relief section drawn. (2 marks)
- (d) Describe the relationship between relief and vegetation Shown on the map.

COMPULSORY PHOTOGRAPH INTERPRETATION QUESTION

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



(a . Draw a landscape sketch of the area shown in the photograph and on it mark and name the following:-

- two land use types
- physiographic features.

(9marks)

b (i) Identify the weather condition depicted in the middle ground of the photograph.

(01mark)

(ii) Account for the occurrence of the weather condition identified in (b)(i) above.

(4 marks)

c. Explain the problems faced by the people living in the area shown in the photograph.

(8 marks)

(d) Giving reasons for your answer, suggest one area in East Africa where this photograph was taken from.

(3marks)

SECTION B

Answer **one** question from this section.

3. To what extent has volcanicity led to the development of highlands in East Africa?

(25 marks)

4. Explain the influence of Sedimentary rocks on Landform formation in East Africa.

(25 marks)

5. Describe the role of diastrophic movements on the formation of lakes in East Africa.

(25 marks)

SECTION C

Answer **one** question from this section

6. Assess the role of man in the modification of Equatorial climate in East Africa

(25 marks)

7. Account for the distribution of the various vegetation types in the highland areas of East Africa.

(25 marks)

8.a) Distinguish between a soil catena and a soil profile.

(6 marks)

(b) Examine the processes of soil profile development in East Africa

(19 marks)

END