

P250/1
GEOGRAPHY
(Physical Geography)
Paper 1
July/ Aug: 2022
3 hours



MATIGO MOCK EXAMINATIONS 2022

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 MAPWORK QUESTION

1. Study the **1: 50,000 EAST AFRICA (UGANDA) NAAM OKORA** map extract and answer the questions that follow;

- a) State the;
 - i) Man made feature at grid reference **347717**. *(1 mark)*
 - ii) Amplitude of relief of the area shown on the map extract. *(2 marks)*
- b) Draw a relief section of the area shown on the map extract between grid reference **280730** and **340660** and on it mark and name the following;
 - i) Transport routes.
 - ii) Seasonal swamp
 - iii) river pager
 - iv) Relief features. *(10 marks)*
- c) Calculate the;
 - i) Vertical exaggeration and
 - ii) Horizontal equivalent of the relief section. *(4 marks)*
- d) Describe the;
 - i) Relief of Naam Okora. *(4 marks)*
 - ii) Relationship between relief and drainage. *(4 marks)*

2. COMPULSORY PHOTOGRAPH INTERPRETATION QUESTION

Study the photograph provided below and answer questions that follow.



- a) Draw a landscape sketch of the area shown in the photograph and on it mark and name the following;
- i) Physiographic regions
 - ii) Vegetation types
 - iii) A Water body. (8 marks)
- b) Describe the processes that led to the formation of the drainage feature in the middle ground of the photograph. (5 marks)
- c) i) Explain the problems faced by the people living in the area shown on the map extract. (6 marks)
- ii) Describe the relief of the area shown in the photograph. (4 marks)
- d) Giving reasons for your answer, suggest **one** area in East Africa where the photograph was taken. (2 marks)

SECTION B

Answer one question from this section

3. Examine the influence of Vulcanicity on drainage in East Africa. (25 marks)
4. a) Why do glaciers form in East Africa? (8 marks)
b) Explain the process that lead to the formation of the upland glacial features. (17 marks)
5. a) What is meant by **marine transgression**? (5 marks)
b) Describe the features that result from marine transgression. (20 marks)

SECTION C

Answer one question from this section

6. To what extent is distance from the sea responsible for temperature variations in East Africa? (25 marks)
7. Account for the distribution of natural forests in East Africa. (25 marks)
8. a) What is meant by **Zonal soils**? (5 marks)
b) To what extent is climate responsible for the distribution of zonal soils in East Africa? (20 marks)

END