



OCER CAMPION JESUIT COLLEGE

Uganda Advanced Certificate of Education

S5 MID-TERM III OCT 2024

GEOGRAPHY

PHYSICAL GEOGRAPHY P250/1

PAPER 1

3 hours

INSTRUCTION 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
Question 1 and 2 are compulsory.

COMPULSORY MAPWORK QUESTION:

1. Study the 1:50,000 (UGANDA) MPARA map extract, part of sheet 67/2, series Y732, Edition 1-USD and answer the questions that follow:
 - (a) (i) state the grid reference of Rwahunga secondary trigonometrical station. (1 mark)
 - (ii) identify the physical feature found at grid reference 711414. (1 mark)
 - (b) Determine the;
 - (i) Bearing of Kyamabale hill (grid reference 740420) from Kiso hill (grid reference 679451). (2 marks)
 - (ii) General trend of the Kyaka-Kibale county boundary. (2 marks)
 - (iii) Amplitude of relief of the area shown on the map extract. (2 marks)
 - (c) Draw a sketch map of the area shown on the map extract, and on it mark and name:
 - (i) A dry weather road
 - (ii) Rock outcrops
 - (iii) Seasonal and permanent swamps
 - (iv) Watershed (divide),
 - (v) Any two settlement patterns. (9 marks)
 - (d) Describe the relationship between relief and drainage in the area shown on the map extract. (8 marks)

COMPULSORY PHOTOGRAPH INTERPRETATION QUESTION

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



(a) Draw a landscape sketch of the area shown on the photograph and on it, mark and name:

(i) The following physiographic landforms,

- Ridge
- Cols/saddles
- A mound

(ii) Settlements,

(iii) Any two vegetation types,

(iv) One communication line

(10 marks)

- (b) Account for the formation of **either** a ridge **or** a saddle shown in the background of the photograph. (5 marks)
- (c) (i) Describe the relationship between relief and land use in the area shown in the photograph. (4 marks)
- (ii) Giving evidence from the photograph, explain the likely problems faced by the people living in the area shown. (4 marks)
- (d) Giving reasons for your answer, suggest an area in east Africa where the photograph could have been taken. (2 marks)

SECTION B

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

3. Explain the influence of faulting on the relief of East Africa. (25 marks)
4. (a) Distinguish between igneous rocks and sedimentary rocks. (15 marks)
- (b) Explain the significance of rocks to the development of East Africa. (10 marks)
5. Account for the occurrence of mechanical weathering in East Africa. (25 marks)

SECTION C

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

6. Examine the causes and effects of tropical cyclones. (25 marks)
7. (a) Describe the characteristics of Equatorial vegetation. (10 marks)
- (b) Explain the conditions that have influenced the growth of Equatorial vegetation in East Africa. (15 marks)
8. (a) Distinguish between azonal soils and zonal soils. (8 marks)
- (b) Explain the factors responsible for the formation of azonal soils in East Africa. (17 marks)

*****IT'S POSSIBLE*****