

P250/1
GEOGRAPHY
(PHYSICAL GEOGRAPHY)
Paper 1
3 Hours

KCB DEPARTMENT OF GEOGRAPHY
MOCK 1 EXAMINATIONS, 2019
UGANDA ADVANCED CERTIFICATE OF EDUCATION
GEOGRAPHY
(PHYSICAL GEOGRAPHY)
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INSTRUCTIONS TO CANDIDATES

- Answer **FOUR** questions.
- SECTION **A** is compulsory.
- Answer **ONE** question from Section **B** and **ONE** from Section **C**.
- Credit will be given for use of relevant sketchmaps, diagrams and specific examples studied in the field.
- Any additional question(s) attempted will not be marked.

SECTION A

1. Study the 1:50,000 (UGANDA) KISORO Map extract, series Y732; part of sheet 0=93/3; Edition 4 U.S.D and answer the questions that follow:
- (a) (i) State the grid square of Nyamiganda other trigonometrical station. (01mk)
- (ii) Identify the physical feature found at grid reference 021565 (01mk)
- (b) Calculate the;
- (i) Amplitude of relief of the area on the map extract. (02mks)
- (ii) Gradient between Muhavura Peak (GR979473) and the road junction at GR 055476) (02mks)
- (c) (i) Reduce the area on the map extract by $\frac{1}{3}$ and on the new outline map. Mark and name:
- Volcanic highlands
 - Rivers with a radial drainage pattern
 - Gahinga forest reserve
 - Any two craters (09mks)
- (ii) Find out the new scale of the reduced sketchmap. (02mks)
- (d) Describe the:
- (i) Relief of the area. (04mks)
- (ii) Processes that led to the development of the relief features in d(i) above. (04mks)
2. (a) Using a tracing paper, draw a sketchmap of the area shown on the photograph and on it mark and label:
- (i) Boys and headland

- (ii) Warehouses
 - (iii) Roads
 - (iv) Forests
 - (v) Swamps
 - (vi) Settlements (11mks)
- (b) Describe the processes that led to the formation of:
- (i) headland
 - (ii) boys
- On the photograph (06mks)
- (c) With relevant examples, explain in the problems faced by people in the area. (04mks)
- (d) Give a reason for your answer
- (i) name the type of photograph provided above.
 - (ii) suggest one area in East Africa where this photograph could have been taken. (04mks)

SECTION B

3. (a) Distinguish between epeirogenic movements and orogenic movement. (06mks)
- (b) Examine the relevance of the sea floor spreading theory in the understanding of the present day distribution of oceans and land masses. (19mks)
4. Explain the effect of faulting on the drainage system in E. Africa. (25mks)
5. Describe the processes responsible for the formation of the following glacial erosional features.
- (a) Cirque (corrie) (10mks)
 - (b) Pyramidal peak (08mks)
 - (c) Arete (07mks)

SECTION C

6. (a) Distinguish between mean annual rainfall and mean monthly rainfall. (05mks)

- (b) Account for variation in the mean annual rainfall totals in E. Africa. (20mks)
7. Account for the growth of term Perate types of natural vegetation on any one mountain in East Africa. (25mks)
8. To what extent have physical factors led to the occurrence of soil erosion in East Africa? (25mks)

END