

P250/1
Geography
(Physical Geography)
Paper 1
3 hours



ACEITEKA JOINT MOCK EXAMINATIONS 2018
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 **four** questions
- Section **A** is compulsory
- Answer **ONE** question from section **B** and **ONE** question from section **C**
- Credit will be given for 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 COMPULSORY MAP WORK QUESTION

1. Study the 1:50,000 (UGANDA) NAAM OKORA map extract sheet 16/2 series Y732 Edition 1- U.S.D and answer questions that follow:
 - (a) (i) State the grid reference of Kalabong road junction (1 mark)
(ii) Name the human feature found at grid reference 332673 (1 mark)
 - (b) Calculate the area covered by Agago county (in square kilometers) (2 marks)
 - (c) (i) Draw a relief section of the area between grid reference 280717 and 360717 and on it mark and label:
 - Onyala hill
 - Valley
 - Settlement
 - Motorable track
 - Dam (9 marks)
 - (ii) Calculate the vertical exaggeration of the relief section (2 marks)
 - (d) Describe the
 - (i) physical landscape
 - (ii) processes for the formation of the physical landscape of the area covered by map extract (6 marks)
 - (e) Explain the relationship between relief and settlement in area covered by map extract. (4 marks)

COMPULSORY PHOTOGRAPH INTERPRETATION QUESTION

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



- (a) Draw a landscape sketch of the photograph and on it mark and label:
- (i) Three major landforms
 - (ii) Drainage feature
 - (iii) Three landuses
- (9 marks)
- (b) Explain the influence of relief on landuse in the area covered by the photograph
- (4 marks)
- (c) (i) Giving evidence, describe the likely causes of soil erosion in the area covered by photograph
- (6 marks)
- (ii) Explain the measures that have been undertaken to control soil erosion in the area covered by the photograph.
- (4 marks)
- (d) Giving reasons suggest an area in East Africa from where the photograph could have been taken.
- (2 marks)

SECTION B:

3. Account for the dominance of chemical weathering in humid areas of East Africa. (25 marks)
4. (a) Account for limited glacial activity in east Africa. (7 marks)
(b) Describe the processes for formation of glacial erosion landforms on **either** Mt Rwenzori **or** Mt Kenya. (18 marks)
5. Examine the relevance of subsidence theory to the understanding of formation of coral landforms in East Africa. (25 marks)

SECTION C:

6. (a) Describe how rainfall is measured and recorded at a weather station (6 marks)
(b) Examine the factors responsible for the rainfall types received in East Africa (19 marks)
7. Account for the dominance of savanna vegetation in East Africa. (25 marks)
8. Explain the processes for formation of various soil types in East Africa. (25 marks)

END