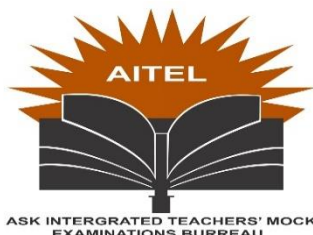


P250/1
GEOGRAPHY
(Physical Geography
of East Africa)
Paper 1
July/Aug. 2022
3 hours



AITEL JOINT MOCK EXAMINATIONS

Uganda Advanced Certificate of Education

GEOGRAPHY

(PHYSICAL GEOGRAPHY OF EAST AFRICA)

Paper 1

3 Hours

INSTRUCTIONS TO CANDIDATES:

*Attempt **four** questions in all.*

*The paper **A** is **compulsory**, attempt **one** question from section **B** and **one** from section **C**.*

Credit will be given for use if relevant diagrams, examples and sketches studied in the field.

*Any additional question(s) attempted **shall not** be marked.*

SECTION A

Attempt all questions in this section

1. MAP WORK (COMPULSORY)

Study east Africa **1:50000 (UGANDA) ALEREK** map extract part of sheet **25/1, series Y732, Edition 4-USD** and answer the questions that follow;

- (a)
 - (i) State the grid reference of a river confluence at Akiyon. (1 mark)
 - (ii) Identify the physical feature at grid reference 793044 (1 mark)
- (b) With evidence, justify that the area shown on Alerek map extract is partly hilly. (3 marks)
- (c) Given a new scale of 1:150,000 reduce the area shown on the map of Alerek draw its outline sketch and on it mark and label (10 marks)
 - (i) Hunting area
 - (ii) Rivers Oyima, Otumupili and River Angolemalera
 - (iii) Two physiographic regions
 - (iv) Swampy area
 - (v) Boundaries: Subcounty and district
- (d) Describe the relief of the area shown on map of Alerek. (5 marks)
- (e) Describe the relationship between relief and drainage in the area shown in the map. (5 marks)

2. PHOTOGRAPH INTERPRETATION (COMPULSORY)

Study the photograph provided below and answer the following questions.



- (a) Draw a landscape sketch of the area shown on the photograph on it mark and;
- (i) Relief regions
 - (ii) Landscape activities
 - (iii) Vegetation types (9 marks)
- (b) Explain the relationship between relief and land use activities in the area shown on the photograph. (8 marks)
- (c) Explain the view that the area shown on the photograph is planned. (6 marks)
- (d) Giving reasons for your answer, identify an area in east Africa, where **Turn Over** photograph could have been taken. (2 marks)

SECTION B

*Attempt **one** question from this section*

3. To what extent is tectonism responsible for relief landform evolution in East Africa? (25 marks)
4. Examine the extent to which the nature of materials ejected influence the formation of volcanic relief landforms (25 marks)
5. Explain the influence of denudational processes on the formation of lakes in East Africa. (25 marks)

SECTION C

*Attempt **one** question from this section*

6. (a) Distinguish between terrestrial radiation and solar radiation (10marks)
(b) Describe the conditions that influence the incoming radiation in the area. (15 marks)
7. (a) Describe the characteristics of mangrove forest vegetation. (10marks)
(b) Explain the conditions that have influenced the distribution of mangrove forests in East Africa. (15 marks)
8. Discuss the causes and effects of soil erosion in east Africa. (25 marks)

END

