

P250/1
Physical Geography
PAPER 1

WAKISSHA

Uganda Advanced Certificate of Education.

GEOGRAPHY

(PHYSICAL GEOGRAPHY)

Paper 1

3 hours

INSTRUCTION TO CANDIDATES.

This paper consists of three sections A, B and C.

Answer four questions.

Section A question 1 and 2 are compulsory.

Answer one question from section B and one question from section C.

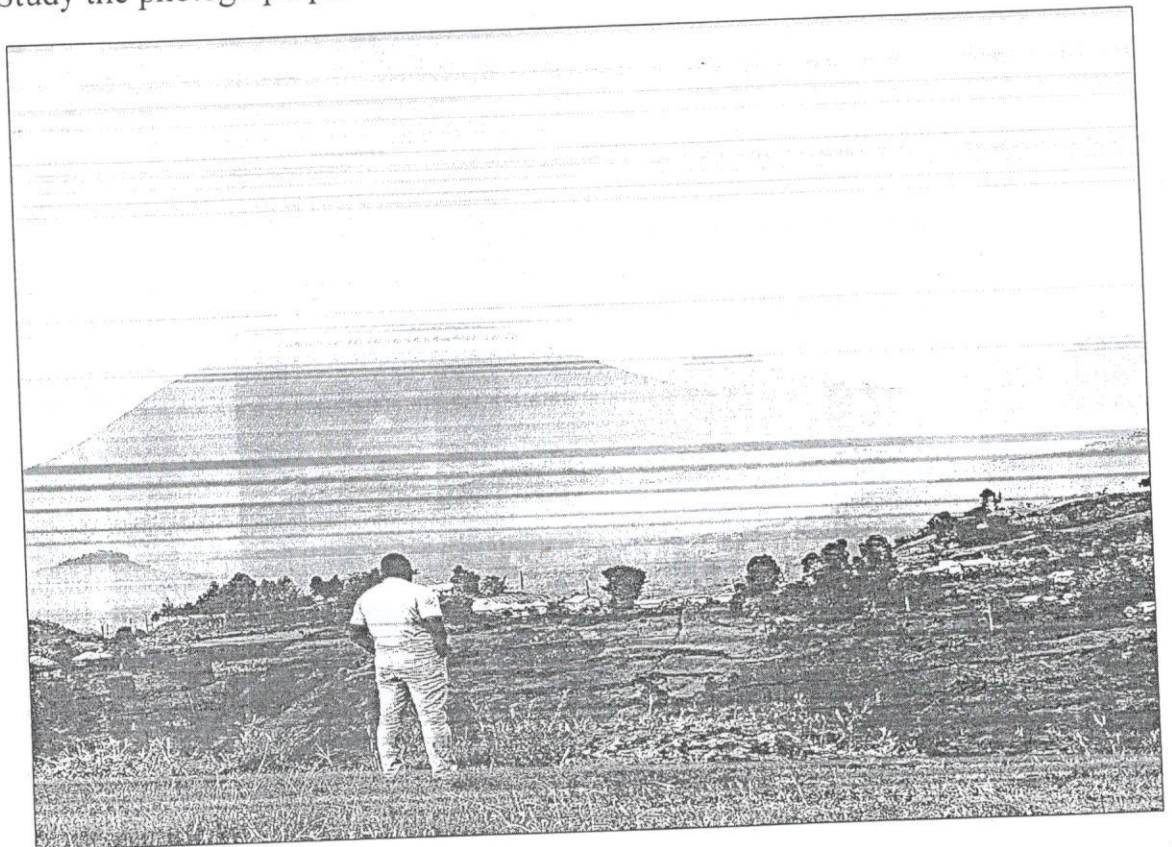
Credit will be given for the use of relevant sketch maps, diagrams and specific examples studied in field.

*Any additional question(s) answered will **not** be marked.*

SECTION A

Question 1 and 2 are compulsory.

1. Study the 1:50000 East Africa (UGANDA) LAKE NAKIVALI map extract part of sheet 86/4, series Y732, Edition 4-U.S.D and answer the question that follow:
- a) State the;
- (i) grid reference of the other trigonometrical at Bugarama (01mark)
 - (ii) physical feature at grid reference 604024 (01mark)
 - (iii) height of the ground level at Burungamo. (01 marks)
- b) With evidence from the map extract, state the hemisphere in which lake Nakivali is located. (02marks)
- c) i) reduce the area shown on the map extract by $2\frac{1}{3}$ and on the outline sketch mark and name;
- Permanent and seasonal swamps,
 - lake Nakivali
 - upland and low land areas,
 - loose surface and dry weather roads. (11marks)
- ii) Calculate the new scale of the reduced sketch (02marks)
- d) Describe the;
- (i) the relief (04marks)
 - (ii) Problems caused by the presence of lake Nakivali. (03marks)
2. Study the photograph provided and answer the questions that follow;



- a) Draw a landscape sketch of the area shown on the photograph on it mark and name:
 - Relief features
 - Land use activities
 - Vegetation types.
 (10marks)
- b) (i) Identify any **three** land use activities shown in the photograph.
 (03marks)
 (ii) Account for the land use activities identified in b(i) above. (04marks)
- c) (i) With evidence from the photograph identify the challenge likely to be faced by the people living in the area shown on the photograph.
 (04marks)
 (ii) Suggest any two ways in which the above challenges can be solved.
 (02marks)
- d) Giving reasons for your answer, suggest an area in East Africa where this photograph could have been taken. (02marks)

SECTION B

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

3. Account for the formation of various high lands in East Africa. (25marks)
4. To what extent are physical factors responsible for the occurrence of landslides in East Africa? (25marks)
5. a) Distinguish between vertical and lateral erosion (6marks)
 b) Describe the formation of features resulting from river erosion in East Africa (19marks)

SECTION C

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

6. a) What is absolute humidity? (3marks)
 b) Account for the variation in the absolute humidity in East Africa. (22marks)
7. Account for the existence of savanna vegetation in East Africa. (25marks)
8. To what extent has the nature of the rock influenced the formation of zonal soils in East Africa? (25marks)

END