

UGANDA MARTYRS' UNIVERSITY

Faculty of Education

B.A.EDUC. YEAR THREE: SEMESTER TWO EXAMS, 2023/2024

PAPER: GEO 61201: PRACTICAL GEOGRAPHY, FIELDWORK AND STATISTICAL
VISUALS

DATE: MON 17TH/5/2024 DURATION: 3 HOURS TIME: 2:00 PM

Instruction:

- *Attempt any four questions in total*
 - *Choose one question from each section*
 - *Maps, diagrams and illustrations should be used wherever appropriate*
 - *Do not write anything on the question paper*
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SECTION A: MAP READING AND INTERPRETATION

(Choose only one question)

1. Study the 1:50,000 (UGANDA) LUKAYA map extract, part of sheet 79/2 series Y732, Edition 1 – U.S.D and answer the questions that follow: -

a) Find the grid reference of the following

(i) An Air photo principle point with sortie number 39

(2 Marks)

(ii) A secondary trigonometrical station at Mabale

(2 marks)

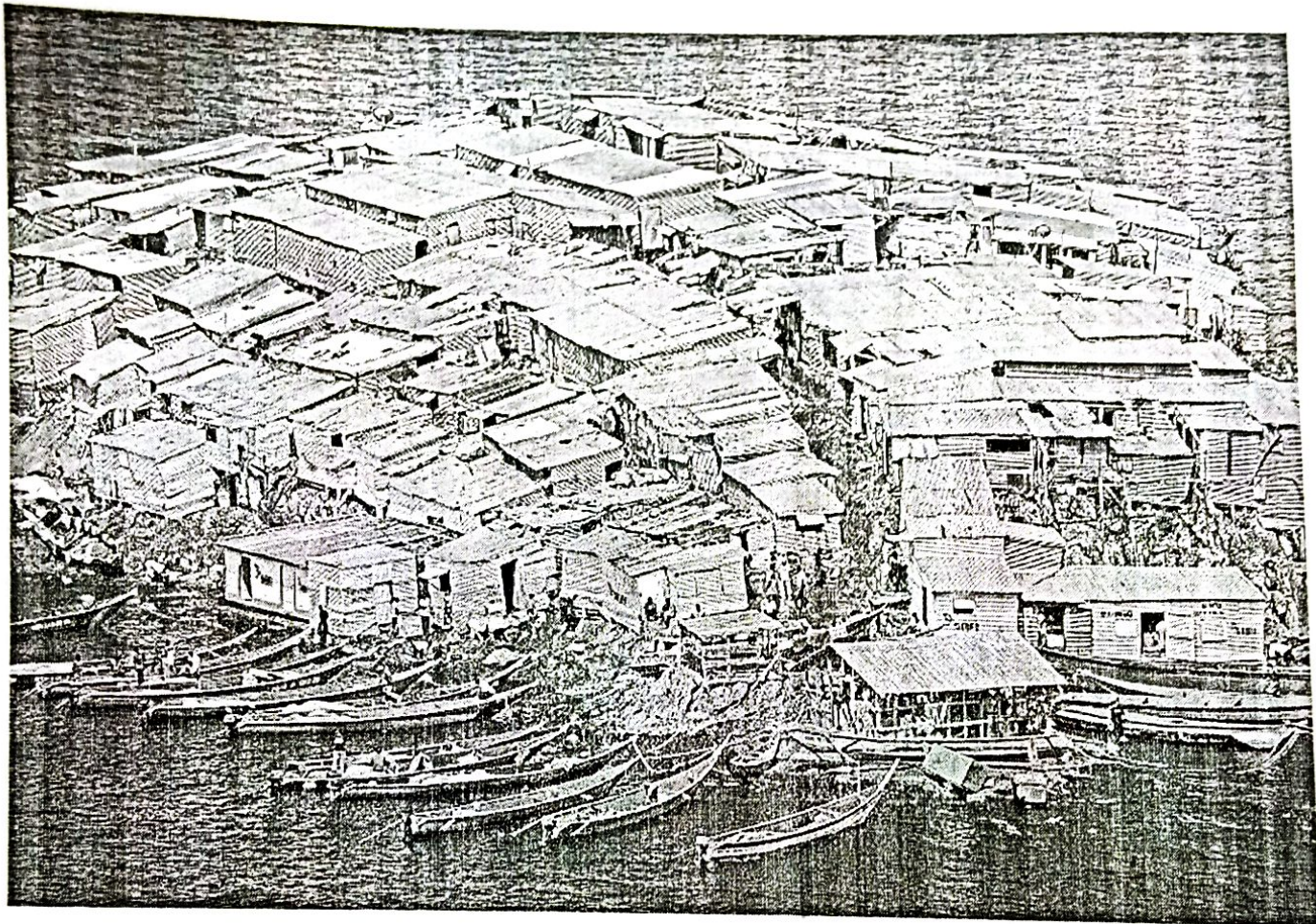
b) Find the feature at the following grid references



- (i) 761879 (2 Marks)
- (ii) 287757 (2 Marks)
- b) Measure the distance in Kilometers of a bound surface road from Mpungwe to Nabusanke (3 marks)
- c) Reduce the map extract by 2.5 and draw a sketch map, on it mark and name the following
- (i) Lake Victoria
- (ii) Forest
- (iii) Bound surface road
- (iv) RiverKafu (12 Marks)
- d) Giving evidence identify the hemisphere from which the Map was extracted. (2 marks)
2. Study the 1:50,000 (UGANDA) LUKAYA map extract, part of sheet 79/2 series Y732, Edition 1 – U.S.D and answer the questions that follow: -
- a) Find the grid reference of the following
- (i) An Air photo principle point with sortie number 34 (2 Marks)
- (ii) A road junction North of Lugasa (2 marks)
- b) Find the feature at the following grid references
- (i) 736917 (2 Marks)
- (ii) 840830 (2 Marks)
- c) Draw a cross section between grid reference 690870 and 760840 and on it mark and name the following;
- (i) River
- (ii) Road
- (iii) Any one settlement
- (iv) Any one relief feature (12 marks)
- d) Identify any two marginal information of the map (2 Marks)

SECTION B (PHOTOGRAPHIC INTERPRETATION) (Choose only one question)

3. Study the photograph provided below and answer the questions that follow:



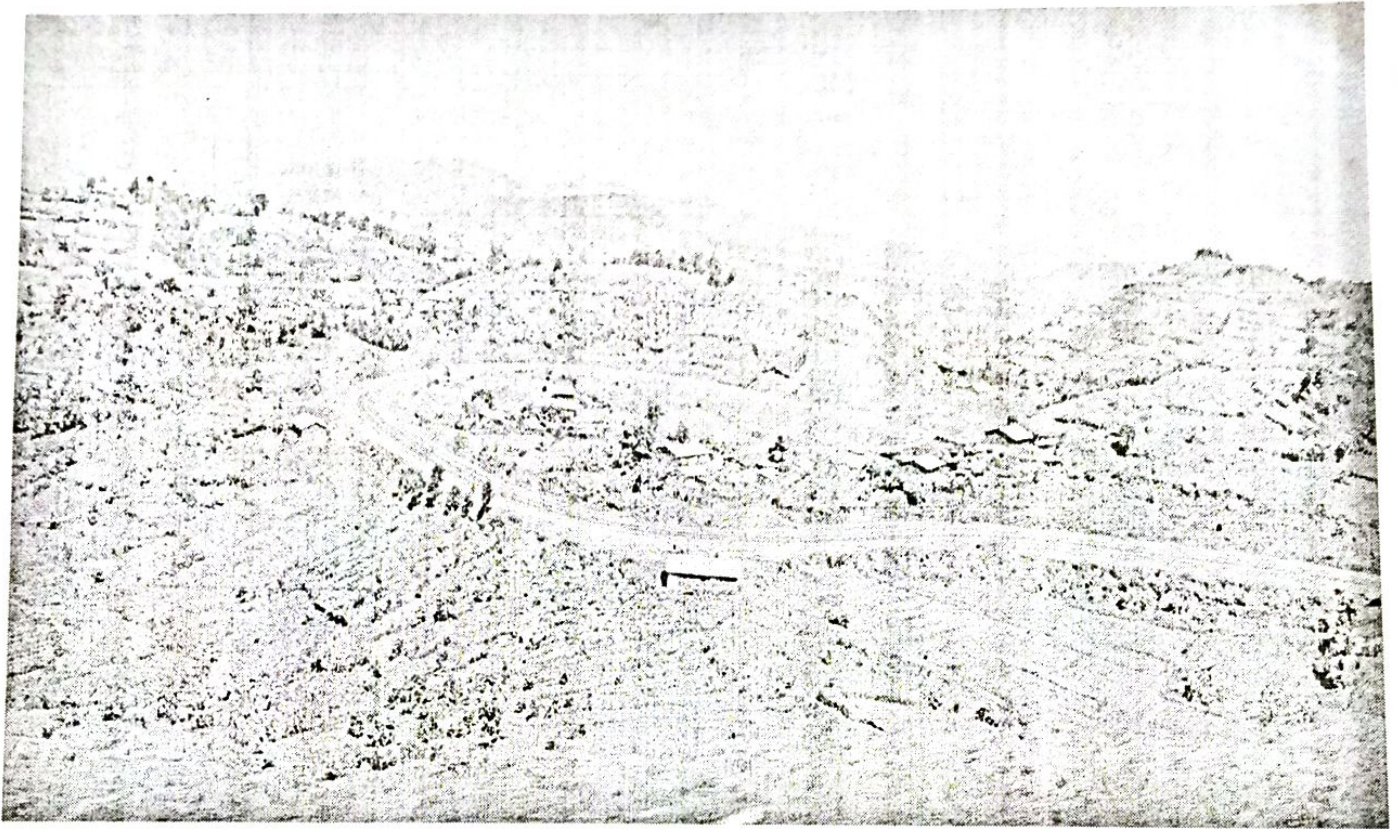
(a) Giving evidence from the photograph, identify the human activity being carried out in the photograph (4 marks)

b) Examine the hurdles faced by the people carrying out the activity shown in the photograph (9 Marks)

c) Examine the effects of the economic activity on the environment (9 marks)

(d) Giving reasons for your answer, suggest **one** area in East Africa where this photograph could have been taken. **(3 marks)**

4. Study the photograph provided below and answer the questions that follow:



a) Identify any three relief features shown in the photograph **(6 marks)**

b) Draw a sketch of the photograph and on it mark and name any;

(i) Three Physical features

(i) Two vegetation types **(10 Marks)**

c) If you're appointed as a technocrat in a suitable government department, how would you plan for the place shown in the photograph **(6 marks)**

d) Giving reasons for your answer, suggest **one** area in East Africa where this photograph could have been taken. **(3 marks)**

SECTION C FIELD WORK (Choose only one question)

5. For any **one** field work study you have conducted:

(a) State the

i) topic of study

(ii) Outline the objectives of the study.

(07 Marks)

(b) Examine the pros and cons of studying field work

(18 Marks)

6. For any **one** field work study you have conducted:

(a) State the

i) topic of study

(ii) Outline the objectives of the study.

(07 Marks)

(b) State the preparations that you made before the field study.

(06 Marks)

(c) Describe how you used interviewing method to collect data in the field. (05 Marks)

(d) Draw a sketch map of the area studied and on it mark and name:

(i) Physical features

(ii) Land use activities

(07 Marks)

SECTION D STATISTICAL TECHNIQUES (Choose only one question)

7. Study the table below showing agricultural production of three countries in metric tonnes and answer the questions that follow;

COUNTRY	URBAN POPULATION IN EAST AFRICA (2019_2021)		
	2019	2020	2021
Tanzania	20,656,040	21,736,651	22,862,550
Uganda	11,717,016	11,080,727	11,717,016
Kenya	14,015,215	14,553,419	15,102,890
TOTAL	45,388,271	47,370,797	49,682,456

a) Draw a suitable graph to represent the information shown above (15 Marks)

b) Discuss the pros and cons of using the above methods (10 Marks)

8. Study the table below showing climatic statistics of station x and answer the questions that follow;

MONTHS	J	F	M	A	M	J	J	A	S	O	N	D
TEMP (°C)	25	23	21	20	19	18	19	20	21	22	23	24
R/F (MM)	197	155	144	132	124	88	56	99	321	226	218	195

a) Draw a suitable graph to represent the information shown above (15 Marks)

b) Calculate the;

(i) Mean annual rainfall

(4 Marks)

(ii) Mean annual temperature

(3 Marks)

(iii) Temperature range

(3 marks)

End