

P250/3
GEOGRAPHY
(Uganda and Fieldwork)
PAPER 3
July/August 2024
3 hours



WAKISSHA JOINT MOCK EXAMINATIONS

Uganda Advanced Certificate of Education

GEOGRAPHY

(Uganda and Fieldwork)

Paper 3

3 hours

INSTRUCTIONS TO CANDIDATES:

- Answer **four** questions in all.
- Choose **one** question from section **A** and **three** questions from section **B**.
- Any additional question(s) answered will **not** be marked.
- Credit will be given for the use of relevant sketch maps, diagrams and specific examples studied in the field.

SECTION A (FIELD WORK)

Answer **one** question.

1. (a) For any one fieldwork study you have carried out either as a group or individual;
 - (i) State the topic of study. (02 marks)
 - (ii) Outline the aims and objectives of the study. (04 marks)
 - (b) Discuss the preparations you made before going to the field. (05 marks)
 - (c) Describe any three methods that you used in data collection. (09 marks)
 - (d) Explain the recommendations that you made to the area of study. (05 marks)
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2. (a) With reference to any field work you have carried out on a hill
 - (i) State the topic of the study. (02 marks)
 - (ii) Outline the aim and objectives of the study. (04 marks)
 - (b) Draw an annotated sketch field transect of the area of study. (08 marks)
 - (c) Explain the relationship between relief and land use in the area of study. (06 marks)
 - (d) Explain the problems faced during data collection. (05 marks)

SECTION B (UGANDA)

Answer only **three** questions.

3. (a) Examine the contribution of glaciation to the development of Uganda's economy. (25marks)
4. (a) Examine the factors for the growth of forests in Uganda. (15 marks)
(b) Explain the problems faced in the harvesting of tropical rain forests in Uganda. (10 marks)
5. Discuss the problems facing the development of the tourism sector in Uganda. (25 marks)

6. Study the table below showing food crop production in Uganda in metric tonnes and answer the question that follow.

Food crop	Production in Metric tonnes
Millet	642,000
Maize	770,000
Sorghum	420,000
Cassava	3,204,000
Plantains	9318,000

- (a) Draw a simple divided rectangle to portray the information in the table. (10 marks)
- (b) What are the; (i) Merits
(ii) Demerits
of the above method (06 marks)
- (c) Account for the dominance of the production of plantains in Uganda. (09 marks)
7. Account for the causes of population variations in Uganda. (25 marks)
8. (a) Explain the causes of the low-level development of the power and energy sector in Uganda. (15 marks)
- (b) What measures are being taken to improve on the power and energy sector in Uganda. (10 marks)

END

P250/2
GEOGRAPHY
(World Problems
and Development)
PAPER 2
July/August 2024
3 hours



WAKISSHA JOINT MOCK EXAMINATIONS

Uganda Advanced Certificate of Education

GEOGRAPHY

(WORLD PROBLEMS AND DEVELOPMENT)

Paper 2

3 hours

INSTRUCTIONS TO CANDIDATES:

- This paper consist of **two** sections, **A** and **B**.
- Answer **four** questions in all.
- Question **1** in section **A** is compulsory.
- The other **three** questions must be answered from section **B**.
- Any additional question(s) attempted will **not** be marked.
- Credit will be given for the use of relevant sketch maps, diagrams and examples.

SECTION A (Compulsory Question)

1. Study the table below showing copper production for selected countries between 2000 and 2015 in (000 metric tonnes) and answer the questions that follow.

Country	2000	2005	2010	2015
China	115	185	375	370
Chile	1063	1360	1628	1488
Zambia	596	453	445	329
U. S.A	1181	1105	1498	729

Adapted: World resource. A guide to the global Environment (UNDP, NRI) paper 290 - 91

- (a) Draw a comparative bar graph to portray the above information in the table. (08 marks)
- (b) Explain the merits and demerits of using the above statistical method in (a) above. (05 marks)
- (c) (i) Identify the country with the least amount of copper produced in 2015. (01 mark)
- (ii) Account for the trend in copper production for the country identified in (c) (i) above between 2000 and 2015. (04 marks)
- (d) Explain the effects of copper mining in the physical environment in any one country given in the table above. (07 marks)

SECTION B

Answer **three** questions only.

2. Describe the factors for the development of commercial intensive farming in either Netherlands or California. (25 marks)

3. (a) Distinguish between over population and under population. (08 marks)
 (b) Account for the nature of population distribution in either Nigeria or China. (17 marks)

4. Account for the development of large-scale commercial fishing in either Japan or Norway. (25 marks)
*planchon - cool climate - Norway N/A
 climate - forests - spec - cool, salmon, queen, king fish
 V fisher - 4 - white
 - v water water - Grounds - Tiansa, Road building
 - ports - Bodo + tower cranes*

5. To what extent has the presence of water resources contributed to the development of industries to either the Ruhr region of Germany or the Rand region of South Africa. (25 marks)
*cooling - Transport
 Raw material - Fish
 Domestic - market, Gov't, Political stabil - Raw land
 It is a temple
 Most industrialised
 Given - Bochum, Essen
 826m - 2 Rhine
 R Rhur*

6. (a) Discuss the factors for the growth of conurbation with reference to either South Africa or Japan. (15 marks)
 (b) Explain the problems resulting from the growth of conurbation in the region chosen above. (10 marks)
*Production
 Growth
 Big
 Debt
 Technology*

7. To what extent have environmental factors led to the development of the tourist industry in either Switzerland or Tanzania. (25 marks)
*Drainage - River
 Relief - M
 Vegeta - Mianbaul
 Dordoma
 L - Tanga
 Serengeti NP
 Mt - Kilimanjaro
 Dar es - salaam city*

8. (a) Differentiate between renewable and non-renewable natural resources. (05 marks)
 (b) Outline the steps being taken by the developed countries to address the problems of environmental pollution. (20 marks)

END

*Flora & fauna
 Tran*

Glaciers

Non-renewable

Land

Insects

P250/1
Physical Geography
PAPER 1
July/August 2024
3 hours



WAKISSHA JOINT MOCK EXAMINATIONS.

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 questions 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.

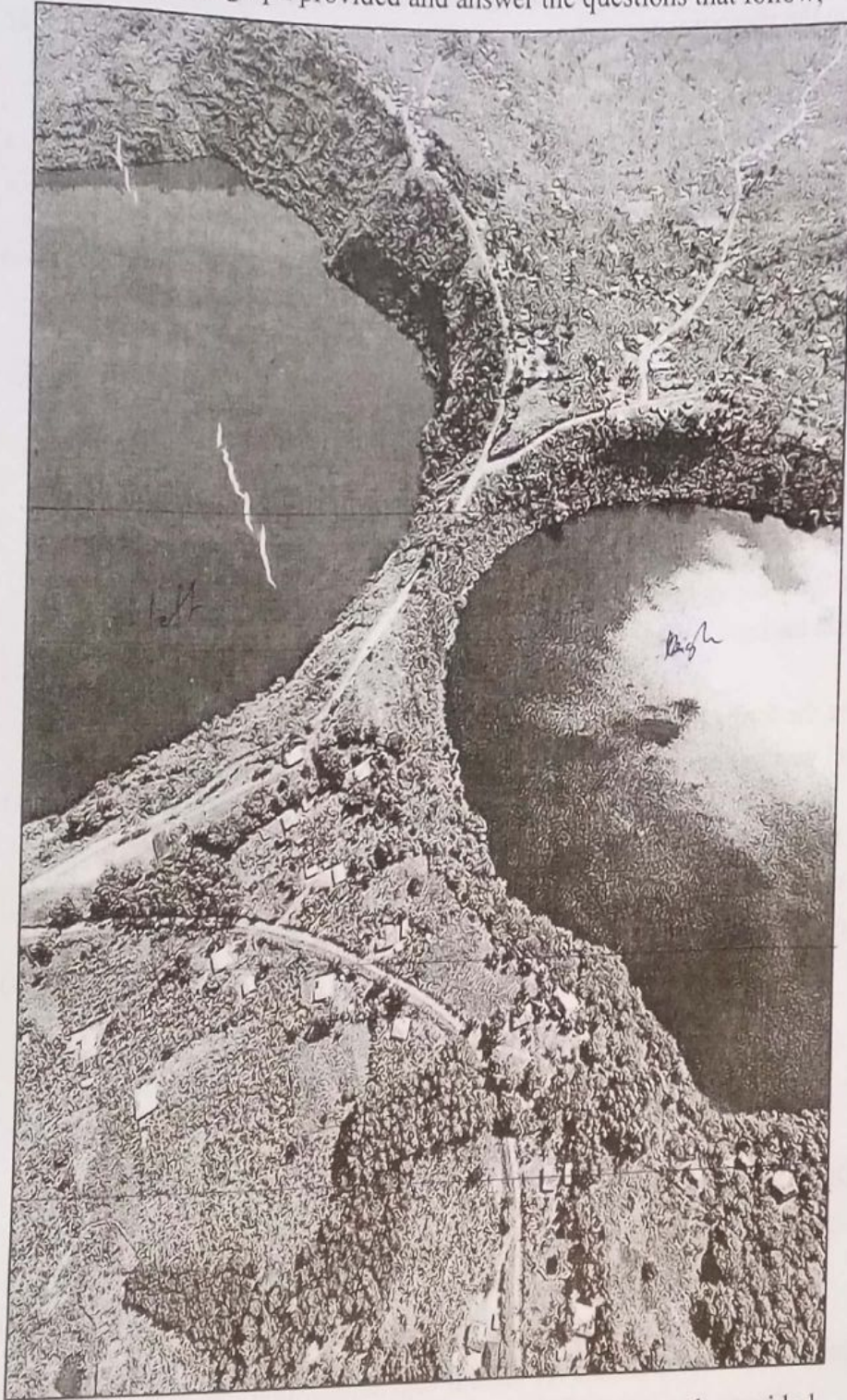
*Any additional question(s) answered will **not** be marked.*

SECTION A

Question 1 and 2 are compulsory.

1. Study the 1:50,000 KAMPALA map extract, part of sheet 71/1, Series Y732, Edition 3-U.S.D and answer the questions that follow;
- (a) State the;
- (i) grid reference of high level reservoir East of Kayunga. (01 mark)
 - (ii) Feature at grid reference 574415. (01 mark)
- (b) (i) State the height of Kireka hill. (02 marks)
- (ii) Calculate the area covered by Murchison bay excluding the swamps. (02 marks)
- (c) (i) Draw an annotated cross section of the area along Northing 30 from Easting 51 to 60, on it mark and name;
- two drainage features,
 - forested area,
 - road type,
 - and two hilly areas. (10 marks)
- (ii) Determine the horizontal equivalent of the cross section drawn. (02 marks)
- (d) (i) Explain the problems faced by the people living in Kampala central business district. (03 marks)
- (ii) Describe the relief of the area shown on the map extract. (04 marks)

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



- (a) (i) Giving evidence, identify the type of photograph provided. (02 marks)
- (ii) Draw a sketch of the area provided on the photograph, on it mark and name;
- water body,
 - any three forms of land utilization,
 - one vegetation type,
 - an embarkment.
- (09 marks)

Turn Over

- (b) Examine the influence of drainage on land use activities shown on the photograph. (06 marks)
- (c) Explain the problems faced by the people living in the area shown on the photograph. (04 marks)
- (d) Of what value are the drainage features to the people living in the area shown on the photograph? (02 marks)
- (e) Suggest any two areas where the photograph could have been taken. (02 marks)

SECTION B

Answer one question from this section.

- 2. Explain the theories justifying the present-day distribution of the continents and ocean basins. (25 marks)
- 3. Describe the formation of the land forms resulting from physical and chemical weathering in E. Africa. (25 marks)
- 4. (a) Distinguish between denudational and tectonic lakes. (06 marks)
- (b) Account for the formation of lakes resulting from Earth movements in East Africa. (19 marks)

SECTION C

Answer one question from this section.

- 6. (a) Distinguish between tropical air masses and polar air masses. (06 marks)
- (b) Examine the influence of tropical air masses on the climate of East Africa. (19 marks)
- 7. Describe the factors responsible for natural vegetation variations in East Africa. (25 marks)
- 8. To what extent has drainage influenced the development of soil catena in East Africa (25 marks)

END

273/1
GEOGRAPHY
Paper 1
July /August 2024
2³/₄ hours



WAKISSHA JOINT MOCK EXAMINATIONS

Uganda Certificate of Education

GEOGRAPHY

Paper 1

2 hours 45 minutes

INSTRUCTIONS TO CANDIDATES:

*This paper consists of **two** sections A and B. It has six examination items.*

*Section A has **two** compulsory items.*

*Section B has **two** parts; I and II. Answer **one** item from each part.*

*Answer **four** examination items in **all**.*

You may use diagrams where applicable to illustrate your answers.

*Any additional item answered will **not** be scored.*

*All answers **must** be written in the answer booklet(s) provided.*

Turn Over

SECTION A: Map and Photograph Skills

Answer all items in this section

Item 1: Map skills

For this item, use the East Africa 1:50,000 (Uganda) map extract of Lukaya series Y732 sheet 79/2, Edition 3-U.S.D, and the information in the text below to answer the tasks given.

- (a) A tourist has been briefed about various attractions along Kampala - Masaka road. He is facing westwards and makes a stopover at grid reference 810880. He makes a turn of 180° clockwise while observing these attractions.

Task:

Giving evidence for your response, write down the physical and human features he is likely to view given that his Telescope can zoom up to a distance of 5 km.

- (b) The Katonga - Kasabya - Kasalu papyrus swamp is to be leased by NEMA to the local community for arable farming at a cost of 2,000,000/= per square kilometer. NEMA however is interested in knowing the size of that swamp. NEMA has trusted you to help draw a budget for the lease.

Task:

Help to advise NEMA on how much to be paid for this lease.

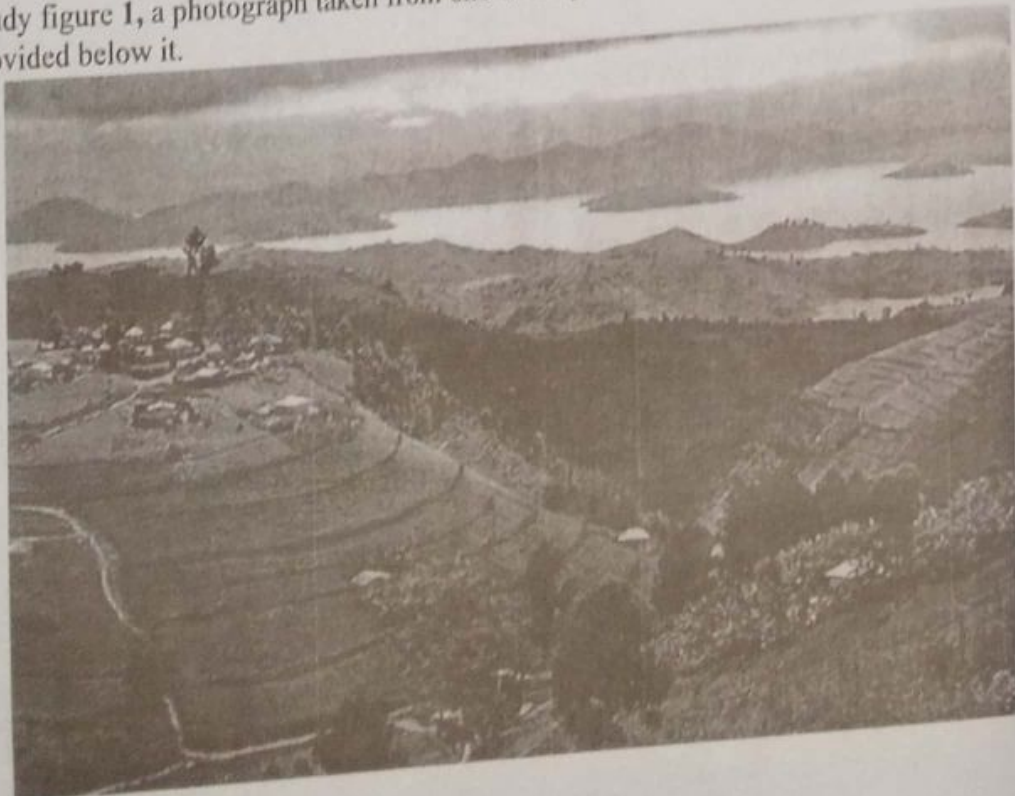
- (c) Some members of the local community are opposed to the leasing of the swamp as it will cause negative effects on the environment.

Task:

As a geography student, help to convince the local community on activities that may be carried out in this swamp without destroying the environment.

Item 2: Photograph Skills

Study figure 1, a photograph taken from one of the places in Western Uganda and the text provided below it.



Uganda is gifted with a number of beautiful sceneries like water bodies and hills which are of great use to the surrounding communities. They have utilized these features for both domestic and commercial use.

Task:

- (a) Draw a landscape sketch of the photograph and on it mark and name;
 - (i) Physical features
 - (ii) Any two land use types
- (b) Write a sensitization note of about 200 words on the likely hazards in the area of the photographs.
- (c) What advice would you give to the locals in order to live in harmony in the area?

SECTION B

This section has two parts, I and II

Part I

Answer one item from this part.

Item 3

Study the text provided and use them to answer this item.

Uganda is endowed with a number of landforms ranging from those that rise above the others to those that appear too low. The areas of Budibugyo, Kabarole and Kasese have uplands that rise to greater heights compared to the surroundings. The same applies to Kapchorwa, Mbale and Sironko regions. The nature of the landscape in these regions has led to a lot of questions about their origin.

Task:

- (i) As a geography learner, explain how the Bundibugyo-Kabarole-Kasese landscape came into existence.
- (ii) Write an essay of about 200 words explaining how the Kabarole-Bundibugyo-Kasese landscape affects people's lives.

Item 4

East Africa is blessed with a variety of climatic zones which include; Equatorial, tropical and semi-arid zones. Each of these zones has provided opportunity to the inhabitants to carry out various economic activities. In the semi-arid regions, a number of nomadic pastoralists graze hundreds of animals. The conditions of the place has made the activity become a threat to the environment.

Task;

You have been entrusted by the Ministry of Agriculture to work in this area as an Agricultural officer, write a note of about 300 words showing what you would consider to help these people.

Turn Over

PART II

Answer **one** item from this part.

Item 5

The ministry of Finance, Planning and Economic development through Uganda National Bureau of Statistics plays a crucial role in carrying out a country's population census. The recently concluded population census revealed that 50% of Uganda's population consists of young people. Such a population is fully dependant. Such a population composition has its effects on the country's development.

Table 1 below shows percentage population in each age group.

Age group (years)	Percentage contribution
0 - 17	50
18 - 30	22.7
31 - 63	22.3
Over 64	5

Table 1: Uganda's population 2024

Task:

- Use table 1 to draw a suitable diagram to show the composition of Uganda's population.
- Write a sensitization note to the parliament of the republic of Uganda about what such a population composition means for Uganda.

Item 6

A multi- National co-operation dealing in textiles in some African countries is looking at expanding its operations into East Africa. The co-operation is mostly targeting the youth who make up the bigger section of East Africa's population. It wishes to operate in all the three countries with its headquarters in Kenya. This is because of its strategic location. However, the cooperation has sighted several challenges that may hinder its ability to trade effectively in East Africa.

Task:

- Identify the possible challenges this company could face in conducting trade.
- Using the information provided above advice the cooperation management on how to ensure the smooth flow of trade in East Africa.

END