

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.

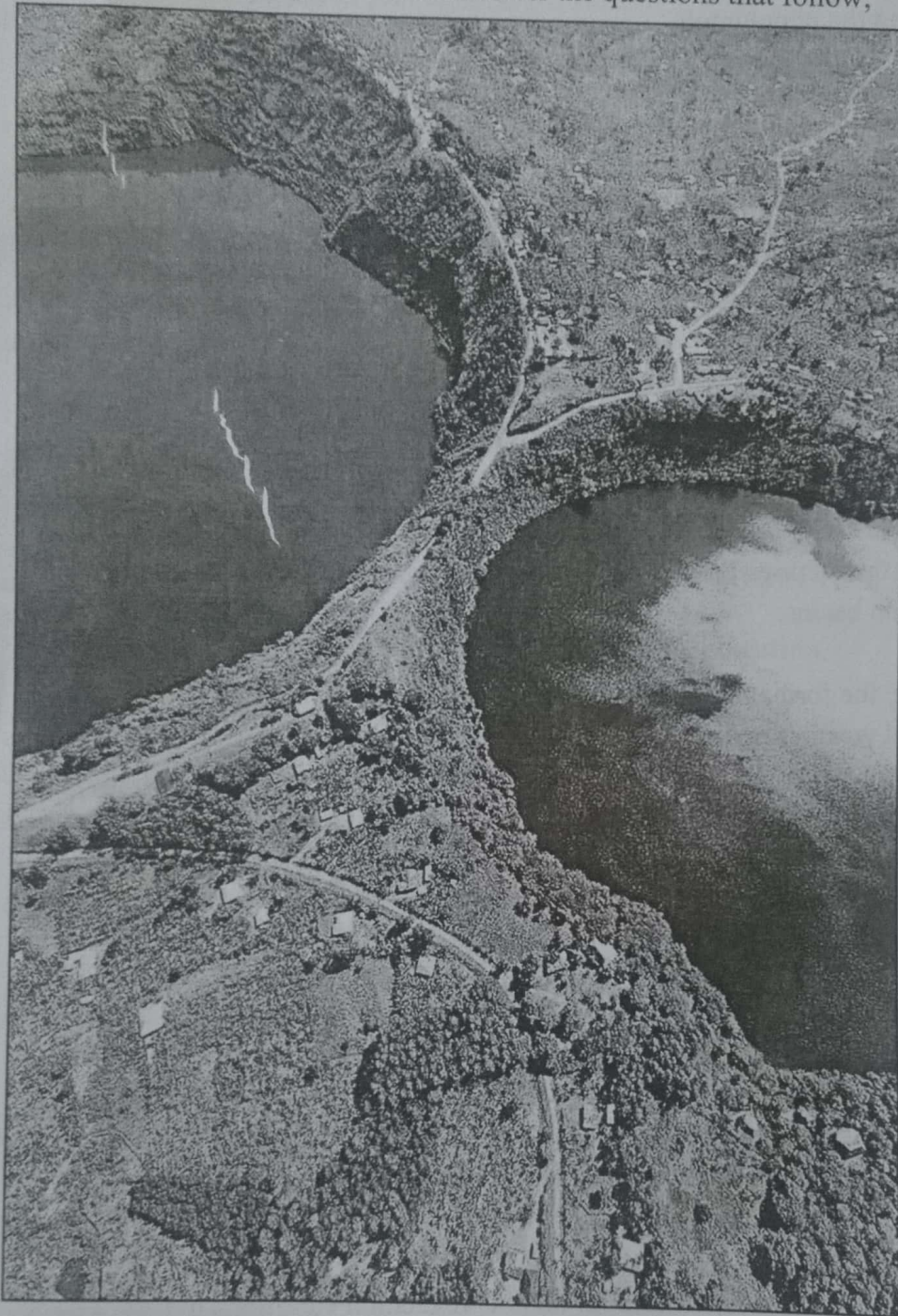
*Any additional question(s) answered will **not** be marked.*

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 embankment.

(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