

**P250/1
PHYSICAL
GEOGRAPHY
Paper 1
July/Aug 2022
3 hours**



KAMPALA WAKISO GIANT SCHOOLS ASSOCIATION

National Joint Mock Examinations 2022

Uganda Advanced Certificate of Education

GEOGRAPHY

Paper 1

(PHYSICAL GEOGRAPHY)

3 hours

Instructions to candidates:

- *This paper consists of three sections i.e A, B and C*
- *Answer four questions in all*
- *Questions 1 and 2 in section A are compulsory*
- *Choose one question from section B and one other question from section C.*
- *Credit will be given for use of relevant sketch maps, diagrams and specific examples*

SECTION A

1. Study the map extract 1:50,000 (UGANDA) KABALE; series Y732; part of sheet 93/4; Edition 4. U.S.D and answer the questions that follow.
 - (a)
 - (i) Identify the feature found at grid reference 207600. (01 mark)
 - (ii) State the grid reference of the “other Trigonometrical station” at Hamushanje. (01 mark)
 - (b)
 - (i) Calculate the area covered by lake Bunyonyi (02 marks)
 - (ii) Describe the process for the formation of the lake named in b(i) above. (03 marks)
 - (c) Given the new scale of the map extract of Kabale is 1:125,000;
 - (i) Calculate the reduction factor. (02 marks)
 - (ii) Use the reduction factor calculated in c(i) above and draw a reduced sketch map of the area covered by the map extract, on it, mark and name;
 - any two drainage patterns
 - any two land use activities.
 - a lake and Musirigwe bay. (09 marks)
 - (d)
 - (i) State the height of Rwaburigita hill. (01 mark)
 - (ii) Describe the relationship between relief and drainage of the area shown by the map extract. (04 marks)
 - (e) With evidence from the map extract, explain the problems faced by the people living in the area. (02 marks)
2. Study the photograph provided below and answer the questions that follow:



- (a) Draw a landscape sketch of the area shown in the photograph and on it, mark and name any;
- (i) three relief features.
 - (ii) three land use types (07 Marks)
- (b) Describe the relationship between relief and land use types in the area shown in the photograph. (06 marks)
- (c) Explain the processes responsible for the formation of the crater seen in the photograph. (04 marks)
- (d) With evidence from the photograph, describe the problems faced by the people living in the area shown on the photograph. (06 marks)
- (e) Giving reasons for your answer, suggest one area in East Africa where this photograph could have been taken. (02 marks)

SECTION B

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

3. (a) What is an earth quake? (10 marks)
(b) Examine the causes and effects of earth quakes. (15 marks)
4. Examine the effects of glacial erosion on land form development in East Africa. (25 marks)
5. To what extent are the processes of tectonism responsible for the formation of lakes in East Africa? (25 marks)

SECTION C

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

6. Examine the causes and effects of temperature inversion in East Africa. (25 marks)
7. (a) Account for the destruction of natural vegetation in East Africa. (12 marks)
(b) Explain the measures being taken to use natural vegetation sustainably in East Africa. (13 marks)
8. (a) What is meant by the term “Soil Profile”? (10 marks)
(b) Describe the various activities that operate on the rock and organic matter to produce soil. (15 marks)

END