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)

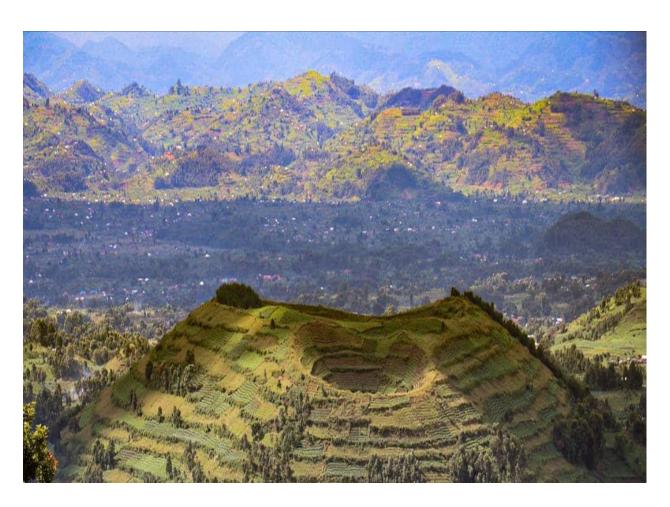
3 hours

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 are 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