

# UGANDA ADVANCED CERTIFICATE OF EDUCATION

## GEOGRAPHY

(PHYSICAL GEOGRAPHY)

P250/1

3Hours

### INSTRUCTIONS TO CANDIDATES:

- This paper consists of **three** sections, **A, B and C**.
- Answer **four** questions in all.
- Section **A** is **compulsory**
- Answer **one** question from section **B** and **one** from section **C**.
- Any additional question(s) attempted will **not** be marked.
- Credit will be given for use of sketch maps, diagrams and specific examples studied in the field.

### SECTION A

*Questions 1 and 2 are compulsory*

### COMPULSORY MAP WORK QUESTION:

1. Study the **1:50000 (UGANDA) KABALE** map extract part of sheet 93/4, series Y732, Edition 4 - U.S.D and answer the questions that follow.
  - (a) State the;
    - (i) feature at grid reference 216611. (1mark)
    - (ii) grid reference of other trigonometrical station at Hamushanje. (1mark)
  - (b) Calculate the;
    - (i) Vertical rise (2marks)
    - (ii) Area covered by L. Bunyonyi. (2marks)
  - (c) Draw a cross section of the area shown on the map extract between grid reference 270550 and 330610, on it mark and name;
    - (i) two relief regions
    - (ii) one drainage feature,
      - Boundary,
      - Settlements,
      - One communication line. (10marks)

- (d) (i) What evidence is there to show that Lake Bunyonyi is Lava dammed. (3marks)  
(ii) Examine the influence of drainage on vegetation shown on the map extract. (6marks)

**COMPULSORY PHOTOGRAPHIC INTERPRETATION QUESTION.**

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



- (a) Draw a land scape sketch of the area shown on the photograph, on it mark and name;  
- braided channel,  
- Islands (Eyotis),  
- two vegetation types  
- river banks  
- one land use type. (9marks)
- b) (i) Describe the characteristics of the major drainage feature shown in the photograph. (4marks)  
(ii) Explain the conditions responsible for the formation of the braided channel shown in the middle ground of the photograph. (6marks)
- c) Of what value is the drainage feature to the people living in the area? (4marks)
- d) Giving reasons for your answer, suggest one area in E. Africa where this photograph could have been taken. (2marks)

## **SECTION B**

*Choose **one** question from this section*

3. Examine the relevance of the plate tectonism theory in the understanding of the present day distribution of continents and ocean basins. (25mark)
4. Account for the extensive occurrence of mass wasting in E. Africa. (25marks)
5.
  - a) Distinguish between a beach and a bar. (8marks)
  - b) Account for the formation of the different types of beaches in E. Africa. (17marks)

## **SECTION C**

*Choose **one** question from this section*

6. To what extent are air masses responsible for climatic variations in E. Africa. (25marks)
7. Account for the growth and distribution of natural forest vegetation in E. Africa. (25marks)
8.
  - a) Distinguish between sheet and Rill erosion. (25marks)
  - b) Examine the role of man in the occurrence of the different soil erosional processes in E. Africa. (17marks)

**END**