

**P250/1**  
**GEOGRAPHY**  
**(Physical Geography)**  
**Paper 1**  
**Nov./Dec. 2020**  
**3 hours**



**WAKISO-KAMPALA TEACHERS' ASSOCIATION (WAKATA)**  
**WAKATA MOCK EXAMINATIONS 2020**  
**Uganda Advanced Certificate of Education**  
**GEOGRAPHY**  
**(PHYSICAL GEOGRAPHY)**

**Paper 1**  
**3 hours**

**INSTRUCTIONS TO CANDIDATES:**

*This paper consists of **three** sections; **A, B** and **C**.*

*Answer **four** questions.*

*Section **A** is **compulsory**.*

*Answer **one** question from section **B** and **one** question from section **C***

*Credit will be given for use of relevant sketch maps, diagrams and specific examples studied in the field.*

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

## SECTION A

*Question 1 and 2 are compulsory*

### 1. COMPULSORY MAPWORK QUESTION

Study the **1: 50, 000 EAST AFRICA (UGANDA) KATUNGURU** Map extract, part of Sheet 76/1, series Y732, Edition 4 – USD and answer the questions that follow.

- (a) (i) State the grid reference of the secondary trigonometrical station.  
(Kibona base West 3137) (01mark)
- (ii) Identify the physical feature found at grid reference 723837 (01mark)
- (b) Calculate the area covered by Kazinga channel. (02marks)
- (c) Draw a reduced sketch map of the area shown on the map extract by  $\frac{1}{3}$  times and on it mark and name:-
- (i) the **three** physiographic features.
- (ii) Kazinga channel.
- (iii) rivers; Mpanga and Rwanda.
- (iv) seasonal and permanent swamps (09marks)
- (d) (i) Calculate the new scale for the reduced sketch map drawn in c(i) above. (02marks)
- (ii) Identify the economic activities taking place in the area on the map extract. (06marks)
- (e) Examine the relationship between relief and land use in the area shown on the map. (06marks)

## 2. COMPULSORY PHOTOGRAPHIC INTERPRETATION QUESTION

Study the photograph below and answer the questions that follow:



- (a) Draw a land scape sketch of the area shown on the photograph and on it mark and label:  
(i) drainage features,  
(ii) vegetation types,  
(iii) relief types,  
(iv) settlements. (09marks)
- (b) (i) Account for the formation of drainage feature in the middle ground. (05marks)  
(ii) Assess the value of the drainage feature identified in b(i) above (04marks)
- (c) Explain the problems facing people living in the area shown on the photograph (04marks)
- (d) (i) Giving reasons for your answer, state the type of photograph. (02marks)  
(ii) With evidence, state any **one** area in East Africa where the photograph could have been taken. (02marks)

## SECTION B

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

3. Examine the influence of intrusive vulcanicity on the development of relief land forms in East Africa (25marks)
4. (a) Describe the formation of igneous rocks. (10marks)  
(b) Explain the influence of igneous rocks on landform development in East Africa. (15marks)
5. (a) Account for the sea level changes in the coastal areas of East Africa (10marks)  
(b) Explain the effects of sea level changes on land form development in the coastal areas of East Africa. (15marks)

## SECTION C

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

6. Examine the causes and effects of semi arid climatic conditions in East Africa. (25marks)
7. To what extent has altitude influenced natural vegetation distributed in East Africa? (25marks)
8. (a) What is meant by **soil Catena**? (10marks)  
(b) With reference to specific examples account for the development of soil Catena in East Africa. (15marks)

**END**