

# ST. HENRY'S COLLEGE KITOVU

## PRE-MOCK EXAMINATIONS – S.6

### GEOGRAPHY - PAPER 1

#### P250/1 (Physical Geography)

**3 hours**

#### INSTRUCTIONS TO CANDIDATES

- Answer four questions: Section A is compulsory
  - At least one question should be answered from Section.
  - Credit will be given for use of relevant sketch maps, diagrams and specific examples studied in the field.
1. Study the 1:50,000 (UGANDA) KASESE map extract series 732 sheet 66/3 Edition 4-U.S.D and answer the questions that follow.
- a)
    - i) State the grid reference of the secondary trigonometrically station at Kamulikwizi.
    - ii) Name the feature found at grid reference 766194
  - b) Calculate the area covered by the papyrus swamp on the map extract
  - c) Draw a sketch map of the area shown on the map extract between eastings 800865 and Northings 210150. on it mark and name:
    - i) railway line
    - ii) physiographic regions
    - iii) river Mubuku
    - iv) sub county boundaries.
    - v) main tracks

- d) i) Identify the drainage patterns found on the map extract.
- ii) Explain the factors responsible for the development of the drainage patterns mentioned in d (i) above.

### **SECTION B**

- e) Examine the relationship between
    - i) relief and drainage
    - ii) drainage and communication.
2. Examine the influence of faulting on the drainage in East Africa.
  3. Account for the occurrence of intrusive igneous features in East Africa.
  4. a) Explain the interdependence between physical weathering and chemical weathering.  
b) What are the human activities that accelerate the normal rate of weathering?
  5. To what extent are lakes in East Africa a result of erosion and deposition?
  6. Describe the coastal landforms resulting from wave deposition.

### **SECTION C**

7. To what extent is the climate around Lake Victoria equatorial?
8. a) Distinguish between convectional rainfall and frontal rainfall.  
b) Account for the differences in the rainfall patterns in East Africa.
9. Explain how the knowledge of vegetation provides a basis for land use planning in East Africa.
10. Write explanatory notes on the following.
  - i) Soil profile
  - ii) gleization
  - iii) Latosols.

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