

UNEB UACE GEOGRAPHY 2015

PAPER 1

1. Study the 1:50,000 (UGANDA) MPARA map extract, part of sheet 67/2, Series Y732, Edition 1-USD and answer the questions that follow:

- (a) (i) State the grid reference of Rwahunga secondary trigonometrical station.
 - (ii) Identify the physical feature found at grid reference 711414
 - (b) Determine the:
 - (i) bearing of Kyamabale hill (grid reference 740420) from Kiso hill (grid reference 679451),
 - (ii) general trend of the kyaka-kibale county boundary
 - (iii) amplitude of relief of the area shown on the map extract
 - (c) Draw a sketchmap of the area shown on the map extract on it, mark and name
 - (i) a dry weather road
 - (ii) rock outcrops
 - (iii) seasonal and permanent swamps
 - (vi) watershed (divide)
 - (v) any two drainage patterns
 - (d) Describe the relationship between relief and drainage in the area shown on the map extract.
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 label

(i) Volcanic plug

(ii) saddle (col)

(iii) rock strata

(iv) cliff

(v) concave and convex slopes

(vi) any one vegetation type

(vii) communication route

(b) Describe the processes responsible for the formation of the stratified rocks in the photograph.

(c) Explain the relationship between relief and communication in the area shown in the photograph

(d) Giving reasons for your answer, suggest an area in East Africa where this photograph could have been taken.

SECTION B

3. Explain the influence of tectonic movements on the formation of highlands in East Africa

4. (a) Distinguish between aggradation and degradation

(b) Explain the Davisian cycle of landform evolution

5. To what extent has longshore drift influenced the development of depositional coastal features in East Africa?

SECTION C

6. (a) Describe how atmospheric pressure is measured and recorded at a weather station

(b) Explain the factors that influence the atmospheric pressure of a place

7. (a) Describe the characteristics of tropical rain forest

(b) Explain the conditions which have favoured the growth of tropical rain forests in Africa

To what extent is the nature of parent rock responsible for soil formation in East Africa?

