

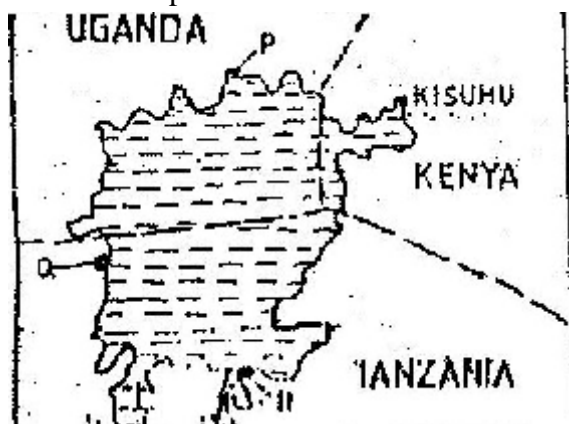
**GEOGRAPHY PAPER 311/2 K.C.S.E 2002**

**SECTION A**

*Answer all the questions in this section*

1. State four reasons why the northern parts of Kenya are sparsely populated.
2. a) Give three problems experienced in the implementation of the National Food Policy.
3. a) State three measures that have been taken to conserve fisheries in Kenya.  
b) Give four reasons why Norway is a great fishing nation.

Use the sketch map of lake Victoria below to answer question.(a)



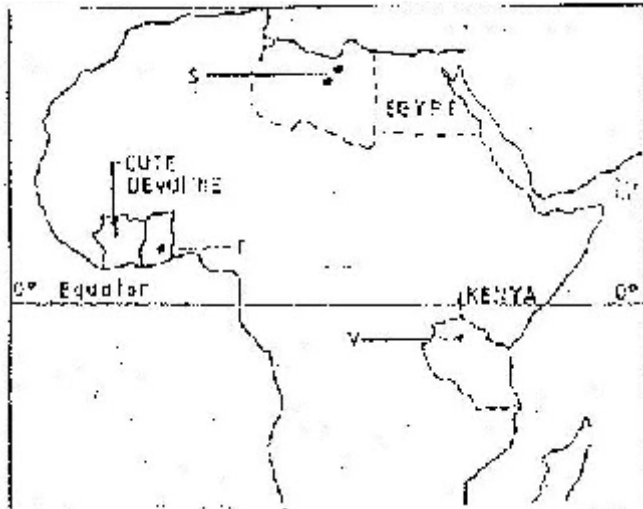
- a) Name the lake ports marked P,Q and R
  - b) Outline two advantages of using containers while handling goods at the port of Kisumu.
5. a) In what ways do pig farmers benefit from rearing pigs  
b) State two problems experienced by pig farmers in Kenya

6.



- i) Ground / close up photograph
- ii) Accept any of the following
- iii) Describe the appearance of the forest shown on the photograph.
  - i) What is Agro – Forestry?
  - ii) Give five reasons why afforestation is being encouraged in Kenya

- c) Compare forestry in Canada and Kenya under the following sub – headings.
- Tree harvesting
  - Transportation of logs.
- d) Explain two problems that affect forestry in Canada.
7. a) Draw an outline map of Nigeria
- On the map shade the main oil palm growing area.
  - Mark and name Lagos
- b) State five physical conditions necessary for the growing of palmoil.
- Describe the commercial production of palm oil in Nigeria.
  - A part from making oil , give four other uses of palm oil
  - Name three crops grown in Kenya that are processed to produce vegetable oil.
- 8 a (i) Name two non – renewable sources of energy.
- (ii) Explain four physical factors that influence the location of a hydroelectric power station.
- b) A part from generating H.E.), give three other benefits that have resulted from the construction of Masing Dam.
- c) Explain three benefits that would result form rural electrification in Kenya.
- d) In what three ways did the power shortages resulting from the drought of the years 1999 and 2000 affect the industrial sector in Kenya.
9. Use the map of Africa to answer question (a) (i)



- Name the minerals mined in the areas marked S, T and V.
  - State two formation in which mineral ores occur.
- b) Explain four problems, which Zambia experiences in the exportation of copper.
- c) Explain three ways in which coal contributes to the economy of Zimbabwe.
- d) Describe three negative effects of open cast mining on the environment.

**GEOGRAPHY PAPER 312/1 K. C. S. E, 2003**  
**SECTION A**

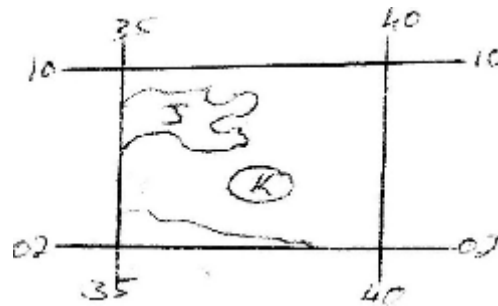
*Answer all the questions in this section*

1. a) State TWO factors that influence the rate of erosion by the river in its upper course.  
b) (i) Define river rejuvenation  
(ii) Name two features that result from river rejuvenation
2. a) State three conditions necessary for the development of a Karst scenery  
b) Give two reasons why there are few settlements in Karst landscapes
3. a) State two conditions which may influence the occurrence of landslides  
b) Using the diagram (in question paper), name



- (i) The type of mass movement shown  
(ii) The features marked P and Q
4. a) i) In your answer booklet draw a diagram to show a simple fold and on it mark and name  
b) Name two fold mountains in Africa
5. a) Name the type of rocks which results from the metamorphism of:  
(i) Granite  
(ii) Clay  
b) Give two reasons why sedimentary rocks are widespread in the coastal plain of Kenya.
6. Study the map of Menu (1: 50,000, sheet 108/3) provided and answer the following questions  
a) i) What is the height of Njorivola hill at grid square 4117  
ii) Give two methods used in representing religion the map extract  
iii) Measure the bearing of the peak of Kanjai hill from the peak of Kieru hill to the north east of the map extract.  
b) Citing evidence from the map, explain:  
(i) Two factors trading in the area covered by the map

- c) The rectangle (in the question paper) represents the area in the map extract bounded by Easting 35 and 40 and Northing 02 and 10. Use it to answer the questions that follow.



Identify the name the features marked;

- J-
- K-
- L-

- (i) Measure the length of the road they followed from the junction at grid reference 442128 to the junction at Gitoro, grid reference 478069. Give your answer in kilometers
- (ii) Apart from the forest, name two other types of natural vegetation they observed along the route
- (iii) State two methods they may have used to collect data while at the sawmill
- (iv) State three follow-up activities they may have been involved in after the field study.

- 7 a) (i) What is a glacier?  
(ii) Distinguish between valley glaciers and ice sheets
- b) The diagram (in the question paper) represents an upland glaciated landscape. Use it to answer question b (i) and (ii)

- (i) Name the features Marked D, E and F
- (ii) Describe how pyramidal peak is formed

(c) Explain the significance of upland glaciated features to human activities

(d) Students from a school near Mt. Kenya were planning to carry out a field study of the glaciated features on the top of the mountain.

- (i) Give four reasons why it would be difficult for the students to undertake the field study on the glaciated features on the mountain
- (ii) Kenya to describe how the students would use a photograph of Mt. identify the glaciated features of the mountain.

- 8 a) the tables below represent rainfall and temperature of stations X and Y.  
Use them to answer questions (a) and (b)

MONTHS	J	F	M	A	M	J	J	A	S	O	N	D
TEMPERATURE IN <sup>0c</sup>	30	31	31	31	30	29	29	28	28	29	29	30
RAINFALL IN MM	250	250	325	300	213	25	25	25	100	275	380	200

MONTHS	J	F	M	A	M	J	J	A	S	O	N	O
TEMPERATURE IN <sup>0C</sup>	21	20	20	17	15	13	12	13	15	16	18	20
RAINFALL IN MM	12	12	15	50	90	110	87	87	50	35	20	15

- a) (i) for each of the two stations calculate the mean annual temperature.  
 X -  
 Y -  
 (ii) Calculate the annual rainfall for station Y  
 (iii) On the graph paper provided, draw a bar graph to represent rainfall for station x. Use vertical scale of 1cm to represent 50mm
- b) Describe the climatic characteristics of station Y.
- c) (i) Describe how conventional rainfall in the lake region of Kenya
- 9 a) (i) Two process through which wind erodes the surface  
 (ii) Three ways through which wind transports its load
- b) (i) How an oasis is formed  
 (ii) How zeugens are formed  
 You are supposed to carry out a field study of a semi-arid area in Kenya.
- c) (i) Two ways of preparing for the Field study  
 (ii) Information that would be collected through observation of the arid area  
 (iii) Measures to be recommended for controlling desertification.

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