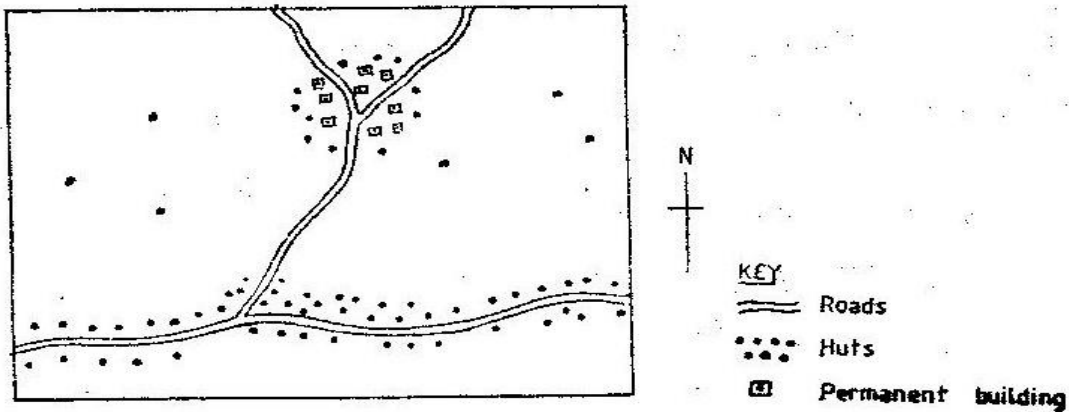


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SECTION A
Answer all the questions in this section

1. a) Name two breeds of dairy cattle reared in Kenya(2mks)
 b) State three factors which favour dairy farming in Denmark (3mks)
2. a) State three physical factors which influence the location of settlements. (3mks)
 b) Use the sketch map below to answer questions (i) and (ii)



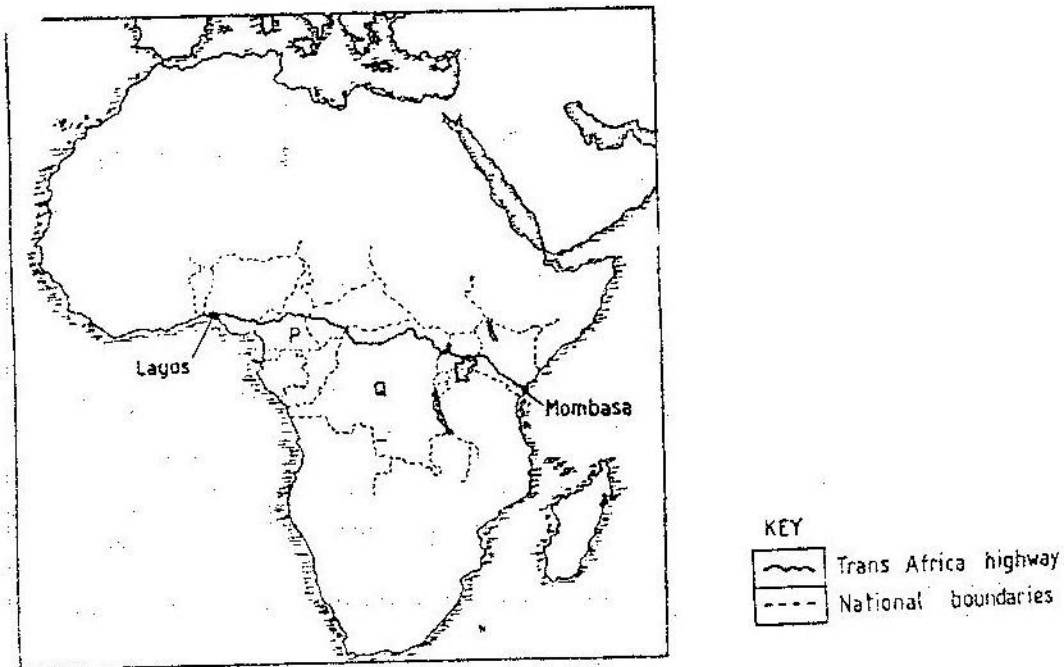
Name the main settlement pattern in:

- i) The northern part of the area represented by the map.
 - ii) The southern part of the area represented by the map.
3. a) State three reasons why marine fisheries in Kenya are underdeveloped.
 b) State three ways through which fish farming contributes to the economy of Kenya.
 4. a) Name two conditions that are necessary for the formation of petroleum
 b) List three ways in which opencast mining affects the environment.
 5. State four factors that have influenced the development of industries in Eldoret town.
 6. Study the photograph below and use it to answer the question (a)



7

- a) i) Name the type of photograph given above.
 - ii) Draw a rectangle measuring 17cm by 12cm to represent the area of the photograph. On it sketch and label the main features shown on the photograph.
 - iii) Describe the landscape of the area represented by the photograph
 - b) i) Name two rivers in Kenya which cause large scale flooding
 - ii) Explain four ways in which people are affected by floods
 - c) Explain three methods which floods can be controlled.
- 8
- a) Apart from Mea, name three large irrigation schemes in Kenya.
 - b) Explain four conditions that made Mea a suitable location for irrigation scheme
 - c) Explain three problems experienced by farmers in the Gezira irrigation scheme.
 - d) Explain three problems experienced by farmers in the Gezira irrigation scheme.
- 8
- The map below shows the transport- Africa highway from Mombasa to Lagos.
- Use it to answer question (a)



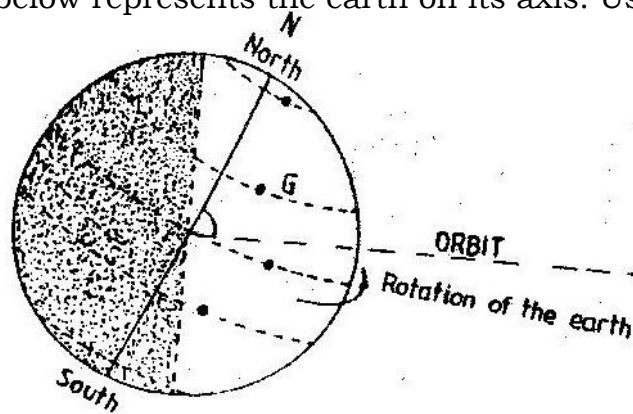
- a) i) Name the countries marked P and Q
- ii) State three reasons why it is difficult to transport goods from Mombasa to Lagos along the highway.
- b) Explain three problems facing rail transport in Kenya.
- c) Explain four ways through which the Kenyan government promotes internal trade.
- d) Explain the three ways through which Kenya is likely to benefit from renewed East African Co-operation.

9. a)(i) Define the term tourism.
 (ii) Name two tourist attraction found in the Rift valley province of Kenya.
- b) Explain four factors which hindered the development of domestic tourism in Kenya.
- c) Explain three problems experienced by the Kenya government in its effort to conserve wildlife.
- d) Explain four factors which have made Switzerland a major tourist destination in Europe .

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SECTION A

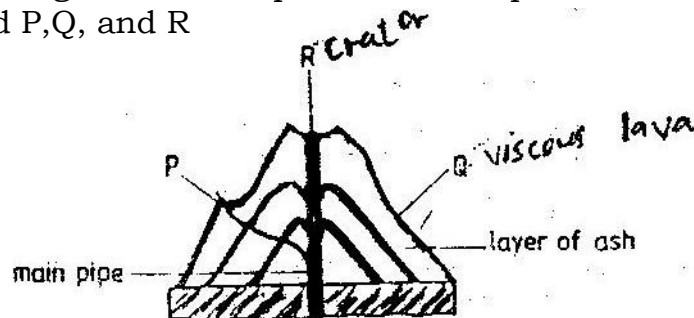
Answer all the questions in this section

1. The diagram below represents the earth on its axis. Use it to answer question (a)



- (a) (i) Name the latitude marked G
 (ii) What is the angle of inclination of the earth's axis from its orbit?
 (b) State two effects of the rotation of the earth

2. (a) What is magma?
 (b) Differentiate between a sill and a dyke
 (c) The diagram below represents a composite volcano. Name the features marked P, Q, and R



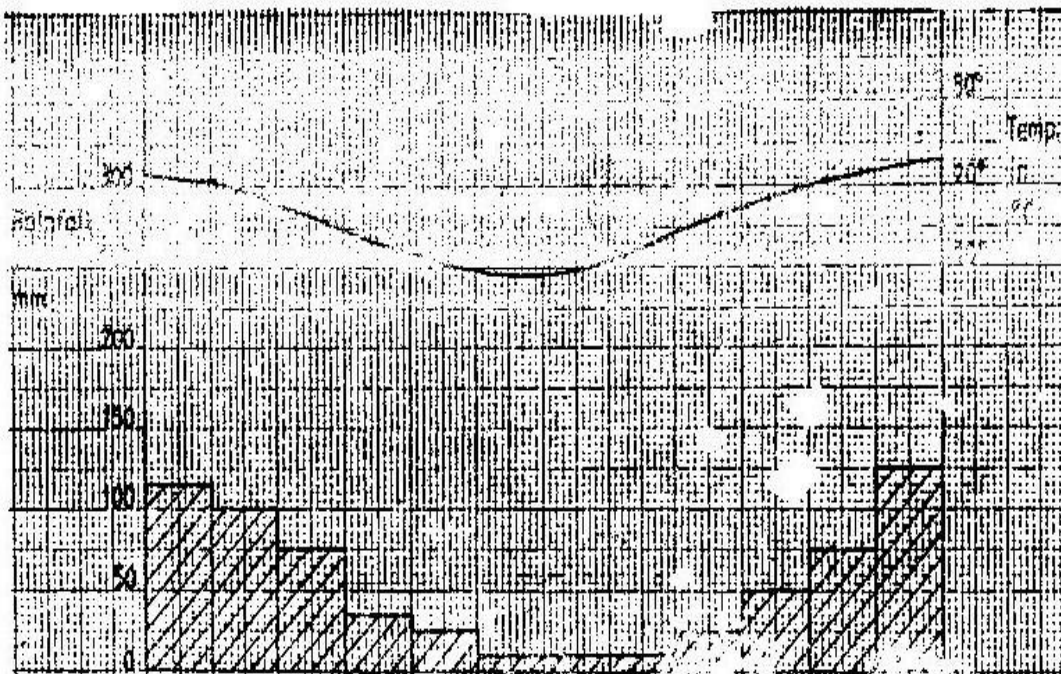
3. (a) State three causes of earthquakes
 (b) Give two effects of earthquakes in built up areas
4. (a) name the type of delta found at the mouth of
 (i) River Nile
 (ii) River Omo

5. (b) State three conditions that are necessary for the formation of delta
 (a) name three external land forming processes that leads to the formation of lakes
 (b) State two ways in which lakes influence the natural environment

SECTION B

Answer questions 6 and any other two questions from this section

6. Study the map of Mariakani (1:50,000 sheet 197/4) provided and answer the following questions
 (a) (i) What type of map is Mariakani sheet?
 (ii) From the marginal information, identify the two districts covered by the map
 (iii) Calculate the area of Mavirivirini sub- location. Give your answer in square kilometers.
 (b) Citing evidence from the map, explain three factors that favour cattle rearing in Mariakani area.
 (c) Citing evidence, state three functions of Samburu town
 (d) Some students are required to carry out a field study on water supply in south Samburu Division.
 (i) State four problems they are likely to encounter in administering questionnaires to residents of the area.
 (ii) Measure the length of a water pipeline proposed by the students from existing line at grid reference 303796 to Mwandoni settlement at grid reference 325720. Give your answer in Kilometers.
 (iii) Calculate the vertical rise (amplitude of relief) of the proposed pipeline.
7. (a) (i) What is the difference between weathering and mass wasting
 (ii) List Five process involved in chemical weathering
 (b) Explain five ways in which soil creep occurs
 (c) Describe three effects of soil creep
8. The graph below represents the climate of a station in Africa. Use it to answer question
 (a)



- (i) Describe the characteristics of the climate represented by the graph
- (ii) Describe the type of natural vegetation likely to be found in an area with the type of climate represented by the graph.
- (b) Explain four factors that influence climate.
- (c) You intend to carry a field study on the weather experienced in the locality of your school
 - (i) State three ways in which you would prepare for the study
 - (ii) Describe how you would use the following instruments during the study

A rain gauge (Used to collect rain water)

Maximum and minimum thermometer

- (iii) State three advantages of studying the weather through fieldwork

- 9. (a) On the out line map of Africa provide, name the features marked X,Y and Z



- (b)
 - (i) Name four folds
 - (ii) With the labeled diagrams, describe the formation of fold mountains
 - (iii) Explain four ways in which fold Mountains influence human activities.