**Kenya Certificate of Secondary Education**

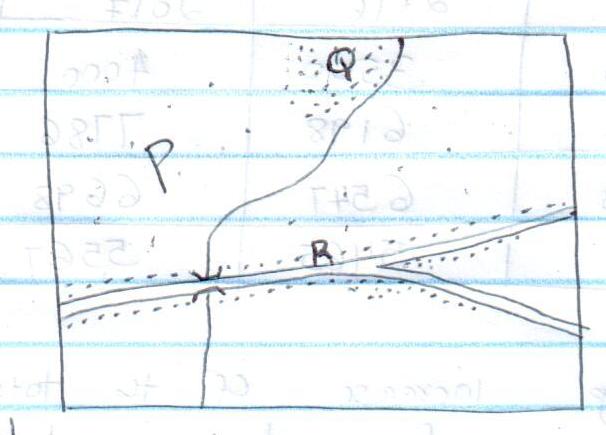
**GEOGRAPHY**

**PAPER 2**

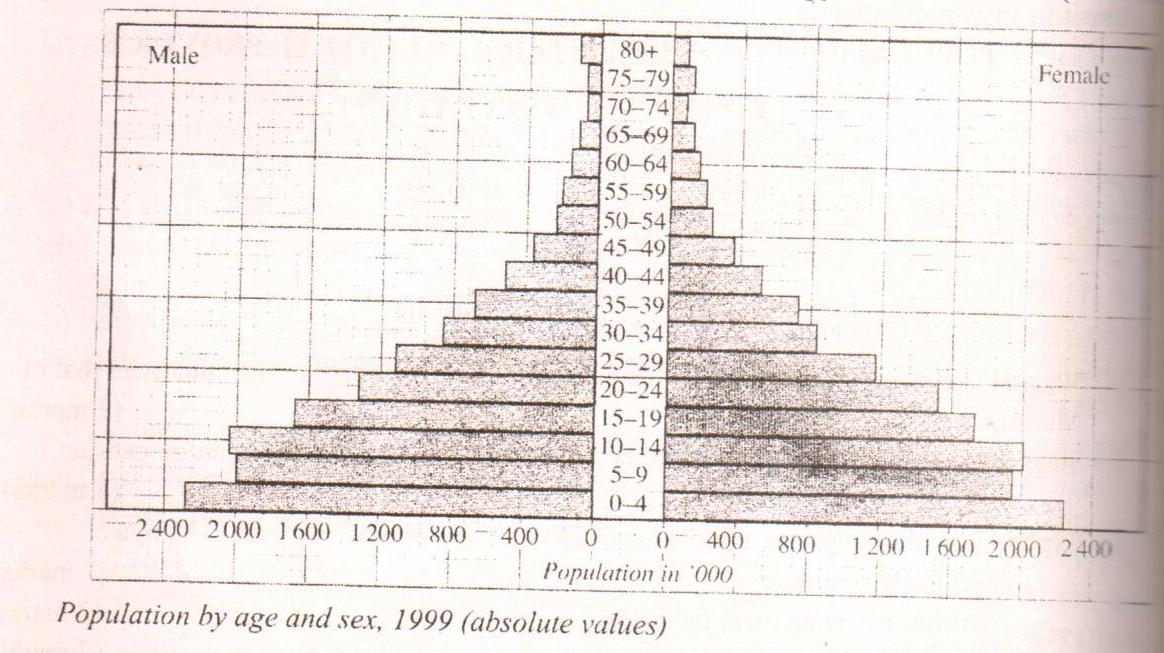
**TIME: 2½ HOURS**

**Section A: Answer all the questions in the section.**

1. Name **two** area studied in human and economic geography. (2mks)
2. Give **three** reasons why it is important to study geography. (3mks)
3. Name **two** types of human settlement. (2mks)
4. Use the sketch map below to answer the question below;



1. Identify the settlement marked P,Q and R. (3mks)
2. State **three** social factors that influence agriculture. (3mks)
3. Give **two** types of agriculture. (2mks)
4. Name **two** types of photographs. (2mks)
5. State **three** importance of using photographs to study geography. (3mks
6. a.Use the population pyramid below to answer the question (i) and (ii) (diagram of a pyramid of a developing country)



1. What information can be derived from a population pyramid? (2mks)
2. State **two** characteristics of the population shown by the pyramid. (3mks)

**SECTION B**

**Answer question 6 and any other from this section.**

1. The table below shows the production of maize between 2015 and 2017 in four divisions of Baringo county.

|  |  |  |  |
| --- | --- | --- | --- |
| **Division** | **2015** | **2016** | **2017** |
| Bartabwa | 3005 | 3500 | 4000 |
| Barwesa | 6087 | 6198 | 7786 |
| Kabartonjo | 6753 | 6547 | 6698 |
| Kipsaraman | 4078 | 5465 | 5567 |

1. Calculate the percentage increase of the total maize production in the four divisions between 2016 and 2017. (3mks)
2. What is the difference in kilograms between the highest production and the lowest in the three years? (2mks)

b. (i)Using a radius of 2.5cm draw a pre chart to represent maize production in 2017. (7mks)

(ii) Give **two** advantages of using a pie chart in representing information. (3mks)

c.(i)State **three** climatic conditions favoring maize growing. (3mks)

1. Explain four problems facing small scale maize farmers in Kenya. (8mks)
2. What is mining? (2mks)
3. Describe how deep shaft mining is carried out. (4mks)
4. Name the method used to mine trona in lake Magadi. (1mk)
5. Give **four** uses of soda ash. (4mks)
6. Explain **three** ways in which trona mining contributes to the economy of Kenya. (6mks)
7. Explain **four** problems facing soda ash mining in L. Magadi. (8mks)
8. Differentiate between indigenous and exotic species. (2mks)
9. Give **three** forest reserves found along the Kenyan coast. (3mks)

c). (i)State **four** factors that influence the distribution of forest in Kenya. (4mks)

(ii)Explain **four** measures taken by the Kenyan government to conserve forest in the country. (8mks)

(d)

1. Explain **three** factors that favor the growth of natural forest on the slopes of Mount Kenya. (6mks)
2. Give the difference between softwood forest in Kenya and Canada under;

Transportation of logs. (2mks)

9.a)

1. Differentiate land reclamation and land rehabilitation. (2mks)
2. Name **three** rivers that supply water to Mwea Tebere irrigation scheme. (3mks)

b.i) Identify **three** methods used to control tsetse flies in Kenya. (3mks)

(ii) State **three** benefits that resulted from the reclamation of the Yala swamps. (3mks)

c.)Describe the stages in the reclamation of land from the sea in the Netherlands. (6mks)

d) Explain **four** differences between land reclamation in Kenya and Netherlands. (8mks)

10.

1. Describe how the following factors influence fishing in the north west pacific fishing ground under the following sub-headings:
2. Ocean currents. (2mks)
3. Upwelling of ocean water. (2mks)
4. Continental shelf. (2mks)
5. Explain four problems that face inland fishing in Kenya. (8mks)
6. Explain three methods of controlling pollution in the fishing grounds. (6mks)
7. What is fish farming? (2mks)
8. Give three methods of conserving fisheries in Kenya. (3mks)