312/2

GEOGRAPHY

FORM 4

PAPER 2

TIME: 2 ¾ HOURS

Instructions to Candidates:
- This paper has **two** sections **A** and **B**
- Answer **All** questions in Section **A**
- In section **B** answer question **6** and any other **two** questions.
- All answers must be written in the answer booklet provided.
- Candidates should answer the questions in English
- This paper consists of 6 printed pages. Candidates should check to ascertain that all pages are printed as indicated and that no questions are missing.

SECTION A

Answer **all** the questions in this section.

1. (a) Name two exotic breeds of commercial beef cattle reared in Kenya.   (2 marks)

    (b) Outline two similarities of commercial beef cattle farming in Kenya and Argentina.

                                                                        (2 marks)

2. (a) Define the term fisheries.   (2 marks)

    (b) State three ways in which marine fisheries in Kenya can be conserved. (3 marks)

3. (a) Name two exotic species of trees planted in Kenya   (2 marks)

    (b) State three reasons why it is necessary to carry out afforestation programmes in Kenya   (3 marks)

4. (a) Give three physical conditions that favor maize cultivation in TransNzoia District in Kenya   (3 marks)

    (b) State four reasons facing maize farming in Kenya   (4 marks)

5. Give the difference between softwood forests in Kenya and Canada under the following sub-headings.

    (a)   Distribution of softwood forests   (2 marks)

    (b)   Transportation of the logs.   (2 marks)
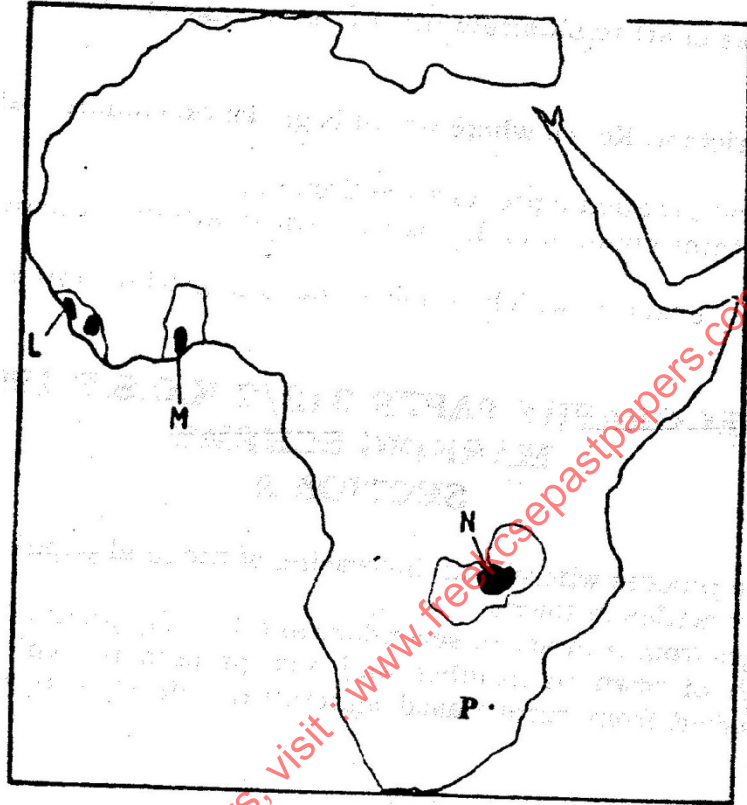
SECTION B

Answer question 6 and any other two questions from this section.

6. (a)(i)Name **two** species of coffee grown in Kenya.   (2 marks)

(ii)Explain how the following factors favour coffee growing in the central Highlands of Kenya.

- High Altitude;   (2 marks)
- High Population.   (2 marks)

(b)(i) Explain **three** ways in which government promotes coffee growing in Kenya.

(6 marks)

(ii) Compare coffee growing in Kenya and Brazil under the following.

- Marketing;   (2 marks)
- Climatic hazards;   (2 marks)

(c) Suppose you carried out a field study on a coffee plantation;

(i) State three problems facing coffee farmers you are likely to observe during the field study.   (3 marks)

(ii)Give two methods you would use to collect data other than observation.   (2 marks)

(iii) In what twoways will you advice farmers to avert the problems identified in (c) (i) above?   (4 marks)

7. (a)(i) Define the tem fisheries   (2 marks)
   (ii) Name two countries in Southern Africa that are important for
        marine fish production   (2 marks)

   (b) Explain four factors that favour the fishing industry in Japan   (8 marks)

   (c) Describe purse seining as a method of fishing   (6 marks)

   (d)   (i) state four problems experienced in the marketing of fish in Kenya
                                                                       (4 marks)
            (ii) State three ways in which the Kenya Government is promoting the
                 fishing industry in the country   (3 marks)

8. (a) (i)Define the term forest   (2marks)

(ii) Describe the characteristic of tropical hardwood forest   (8marks)

   (b)Explain four major factors that influences the distribution and types of forest
                                                                       (8marks)

(c) Discuss softwood forest in Kenya and Canada under the following subheadings.

 (i) Tree species   (2marks)

(ii) Marketing   (2marks)

(d) Student of Gakoye high school carried out a study in a local forest .What problem are they
        likely to experience   (3marks)

9. Use the map of Africa below to answer questions

(a) Name:

(i) The main minerals mined in the shaded area marked L,M,N   (3 marks)

(ii) The mining town marked P   (1 mark)

(b) (i) Apart from deep shaft mining, name three other mining methods   (3 marks)

   (ii) Describe how shaft mining is carried out   (6 marks)

(c) Explain four ways in which mining contributes to the economy of Kenya

(8 marks)

(d) State four negative effects of mining on the environment   (4 marks)

10. (a) State any three types of agriculture (3marks)

   (b) Explain how the following factors influence agriculture

   (i) Climate (4marks)
   (ii) Social (4marks)

   (c) State five characteristics of shifting cultivation (5marks)

   (d)(i) Differentiate between Transhumance and livestock ranching (2marks)

   (ii) State four characteristics of Nomadic pastrolism (5marks)

(iii) Form three students carried a field study on livestock farming in the nearly village

   (a) State two objectives of their study (2mark)
(b)   Formulate one hypothesis of their study (1 mark)