KENYA HIGH SCHOOL MOCK 2020
AGRICULTURE PAPER 1

SECTION A: (30 marks)

1. State two types of labour records
(1 mark)

2. Give two ways in which bush clearing is used as a land reclamation method
(1 mark)

3. Outline four reasons of sub soiling
(2 marks)

4. State four characteristics considered when selecting a pasture crop
(2 marks)

5 Give four advantages of raising tomatoes seedlings in a nursery bed
(2 marks)

6 Give four pieces of information contained in a title deed
(2 marks)

7 Differentiate the following terms as used in crop production
(2 marks)

a) Thinning and pricking out

b) Nursery bed and a seedling bed

8. State four advantages of mixed farming
(2 marks)

9. Name two diseases of cabbage
(1 mark)

10. State four characteristics of agroforestry tree species (2 marks)

11. Give two advantages of mixed stand pasture (1 mark)

12. Name two classes of weeds on the basis of each of the following (2 mark)
    (a) Growth cycle

    (b) Plant morphology

13. Give two reasons for proper storage of maize before storage (2 marks)

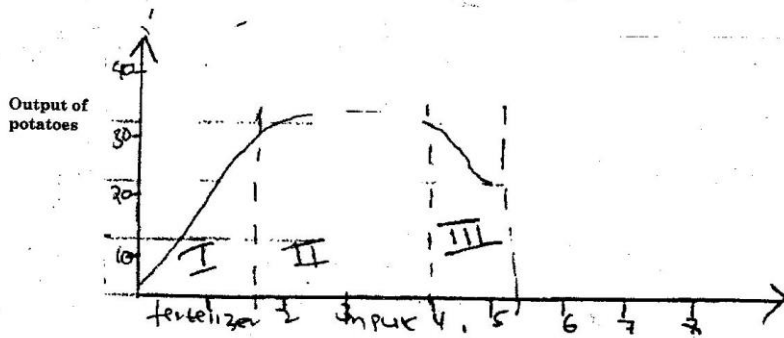14. Outline four disadvantage of organic manure to small scale farmers (2 marks)

15. Give four methods of controlling storage pests (2 marks)

16 Outline four effects of early defoliation of pasture crops (2 marks)

17 What were the objectives of the million acre scheme (2 marks)

SECTION B (20 MARKS)

18. Below is a graphical representation of the law of diminishing returns

(a) Explain what happens in each of the zones marked i, ii ,iii in relation to output (3 marks)

(b) Name three soil types   (3 marks)

    G..

    H..

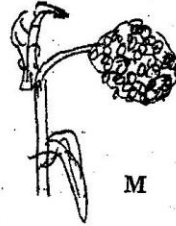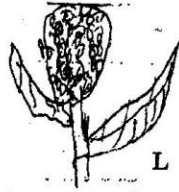   J..

(c) What conclusion can be drawn from the above experiment   (1 mark)

21. The diagrams below show panicle of two sorghum varieties study them and answer the questions that follows

L   M

a) Identify varieties   (2 marks)

    L..

    M..

b) Which of the two varieties is less likely to be damaged by birds   (1 mark)

(c) Give a reason for your answer in (b) above

d) Name four methods that can be used to control bird pest in the field of sorghum

SECTION C
(Answer any TWO questions)

22(a) State and explain Five causes of land fragmentations in Kenya since independence (10 marks)

  (b) Give reasons for the success of settlement schemes in Kenya after independence (5 marks)

    Give the contribution of settlement schemes to agricultural development   (5 marks)

23. Describe the field production of tomatoes under the following subheadings
    (a) Ecological requirements   (3 marks)

    (b) Land preparation   (4 marks)

  (c) Transplanting   (5 marks)

  (c) Field management practices   (5 marks)

  (d) Marketing   (3 marks)

24. Explain the problems faced by farmers when marketing agricultural produce   (14 marks)

  (b) Describe the various agencies and institutions involved in the marketing of agricultural Produce   (6 marks)