



MASENO SCHOOL

2025 MOCK EXAMINATION

Kenya Certificate of Secondary Education



443 / 2 - AGRICULTURE	
Tuesday 22nd July, 2025	Unique Identifier No.....
11.00 a.m. - 1.00p.m.	Signature.....

Instructions to candidates

- Write your Unique Identification Number the sign in the spaces provided.
- This paper consists of three sections: **A**, **B** and **C**
- Answer **All** questions in section **A** and **B**
- Answer **any two** questions in section **C**.
- All answers should be written in the spaces provided.
- This paper consists of **12** printed pages
- Candidates should check the question paper to ascertain that all the pages are printed as indicated and that no questions are missing.
- Candidates should answer the questions in English.

For Examiner's Use Only

Section	Question	Maximum Score	Candidate's Score
A	1-15	30	
B	16-19	20	
C	20-22	20	
		20	
Total Score		90	

SECTION A: (30MARKS)

Answer all questions in this section.

1. Distinguish between the following terms as used in Livestock health
Curative drugs and Prophylactic drugs.

(2 marks)

2. State four causes of cannibalism in Poultry.

(2marks)

3. Give four pre disposing factors to scouring in calves.

(2 marks)

4. State four maintenance practices of Jack plane.

(2 marks)

5. State four measures employed to control Fluke worms in the farm.

(2 marks)

6. Give four reasons why camels are suited to living in arid areas. (2 marks)

7. State four chemicals that are used in the chemical treatment of timber. (2 marks)

8. State four conditions that would make it necessary to feed bees. (2 marks)

9. Differentiate between sib mating and parent sib mating. (2 marks)

10. Give four characteristics of a livestock roughage feedstuff. (2 marks)

11. Give four advantages of a four stroke cycle engine. (2 marks)

12. State four functions of water in an animal's body. (2 marks)

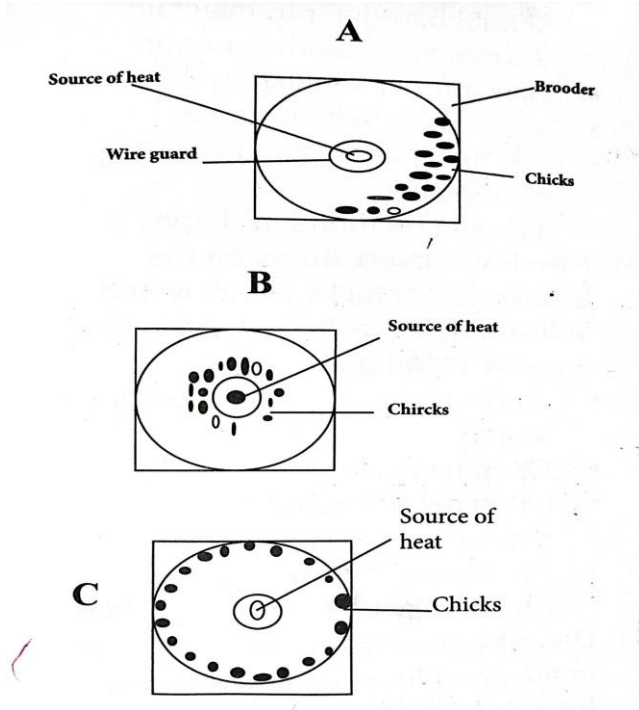
13. State four practices that come immediately after complete milking in a milk shed. (2 marks)

14. State the use of each of the following tools. (2 marks)

a) Sickle_____

b) Secatours_____

15. Give four importance of farm mechanization. (2 marks)



SECTION B: (20MKS)

Answer all questions in this section.

16. The following illustrations show the behavior of chicks in a brooder. Study them carefully and answer the questions that follow.

a) Explain the cause of behavior observed in chicks for each of the illustrations A,B,C. (3 marks)

A. _____

B. _____

C. _____

b) Give a reason for making the brooder wall round in shape. (2 marks)

17. A farmer wants to prepare 100kg feed containing 16% DCP for his growers using Wheat which has 8% DCP, Maize germ containing 12% DCP and Sunflower seedcake containing 34% DCP. If Maize germ and wheat are to be used in equal quantities. Calculate the each Feed stuff that the farmer will require using Pearson's square method. (5 marks)



18. The diagram below illustrates a hoof of a sheep. Study it carefully and answer the questions that follow.

a) Name the routine management practice that should be carried out the hoof illustrated above.

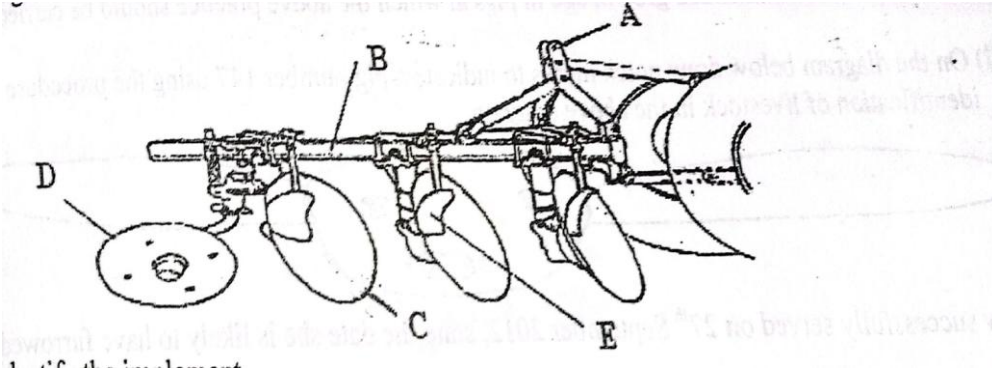
(1 mark)

b) State **three** reasons for carrying out the management practice in a above.

(3 marks)

c) Name the causal organism of the disease caused by the condition illustrated above.

(1 mark)



19. The diagram bellow is an illustration of a tractor drawn implement. Study it and answer the questions that follow.

a) Identify the implement.

(1 mark)

b) Name the parts labeled A,B, and D.

(3 marks)

A. _____

B. _____

C. _____

c) State the function of the part labeled E.

(1 mark)

THIS IS THE LAST PRINTED PAGE.