MOI HIGH SCHOOL
KABARAK

FORM 3 2026 END TERM 3 EXAMS

Paving Way For Kenya Certificate of Secondary Education Success

Name …….. Admission no…….

Candidate's Signature…… Date…….

FORM 3

AGRICULTURE

PAPER 2

TIME: 2Hours

INSTRUCTIONS

(b) This paper consists of three sections: A, B and C.

(c) Answer all questions in section A and B.

(d) Answer any two questions in section C

FOR EXAMINER'S USE ONLY

SECTION	QUESTION	MAXIMUM SCORE	CANDIDATES SCORE
A		30	

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B		**20**	
C		**20**	
TOTAL		90	

SECTION A (30 MARKS)

Answer all the questions in the spaces provided.

1. What is parasite. **(1mk)**

   ._____

   _____

   _____

2. Name any three general factors that influence agriculture **(1 1/2mks)**

   ._____

   _____

   _____

   _____

3. State four signs of ill-health in livestock. **(2mks)**

   ._____

   _____

   _____

   _____

   _____

4. Differentiate between wessex and Essex pig breeds **(2mks)**

   ._____

   _____

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5. What is a disease predisposing factor. **(1mk)**

.

6. Give five advantages of artificial insemination. **(2 ½ mks)**

.

7. Differentiate between line breeding and upgrading. **(1mk)**

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8. Give four routes of administering vaccines in farm animals. **(2mks)**

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9. Give four functions of a rumen in a ruminant animal. **(2mks)**

.

10. State four advantages of Kenya top bar hive. **(2mks)**

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11. State four important reasons for feeding livestock with roughages. **(2mks)**

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12. State four ways of identifying farm animals. **(2mks)**

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13. Give two examples of feed additives in feeding livestock. **(2mks)**

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14. Name two species of camel. **(1mk)**

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15. State four advantages of castrating male animals . **(2mks)**

.

16. Give four ways of maintaining a fish pond. **(2mks)**

.

17. State four functions of water in an animals body. **(2mks)**

.

18. State four reasons for swarming in a bee colony. **(2mks)**

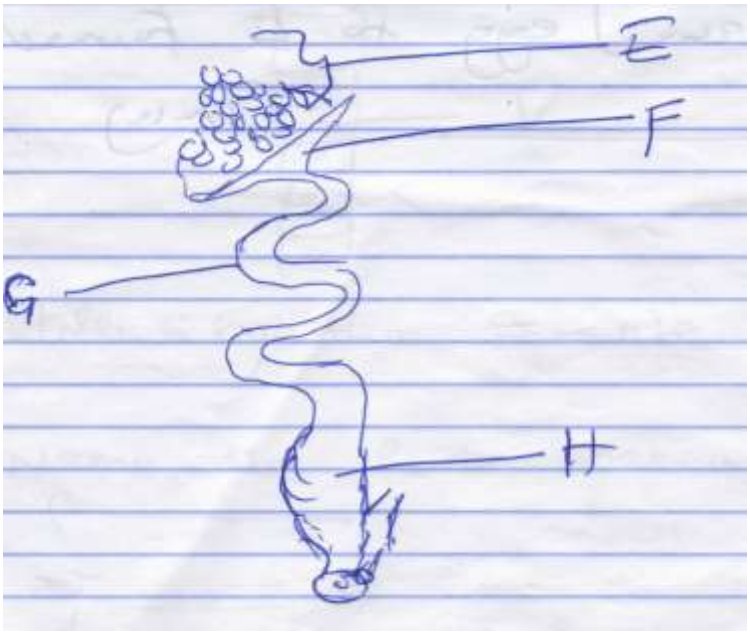
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SECTION B (20MARKS)

Answer all the questions in the species provided

19. The following diagram represents a poultry's reproductive system.
    Study it carefully and answer the questions that follows.



a) Name the parts labeled ; **(2mks)**

E-_____

H-_____

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b) Give the functions of parts marked. **(2mks)**

F-_____

G-_____

c) How many hours does it take for an egg to be formed. **(1mk)**

._____

_____

20. The diagram below represents an internal parasite in livestock. Study it carefully and answer the following questions



a) Identify the parasite. **(1mk)**

._____

b) Name the parts marked T and V **(2mks)**

T-_____

V-_____

c) Give two control measures of the parasite. **(2mks)**

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._____

_____

_____

21. The diagram below represents a management practice carried out in sheep production. Study it carefully and then answer the following questions



a) Identify the practice. **(1mk)**

._____

b) Name the tool that is used when carrying out the practice . **(1mk)**

._____

c) State three precautions taken when carrying out the practice. **(3mks)**

._____

_____

_____

_____

22. A poultry farmer wants to prepare 600kg of chick mash containing 20% DCP using maize 10% DCP and fish meal 40% DCP.

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Using the Pearson's square method, calculate the amounts of maize meal and fish meal that he will require. **Show you working** **(5mks)**

SECTION C (40MARKS)

This section consists of 3 questions. Answer only two question

23. (a) State five signs of heat in a dairy cow. **(5mks)**

.

(b) State five advantages of cattle dip as compared to the spray race. **(5mks)**

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(c) Give five reasons for maintaining livestock healthy. **(5mks)**

.

(d) State five factors affecting the digestibility of food eaten by livestock. **(5mks)**

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24. (a) Describe the body conformation features of a dairy heifer. **(8mks)**

(b) Describe coccidiosis under the following sub-headings.

I. causal agent. **(1mk)**

II. Symptoms. **(6mks)**

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III. Control and treatment. **(5mks)**

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25. (a) Describe bee keeping under the following sub headings procedure of;

i. Feeding bees. **(4mks)**

.

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ii. Explain five factors to consider when siting an apiary. **(5mks)**

.

iii. Procedure of processing honey using the heat method. **(6mks)**

.

iv. Importance of keeping bees. **(5mks)**

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