

NAME.....ADM. NO.....

443/2

Candidates Signature:.....

Date:.....

**PRE-MOCK**

*Kenya Certificate of Secondary Education*

**AGRICULTURE**

**PAPER 2**

**2 HOURS**

**INSTRUCTIONS TO CANDIDATES**

1. Write your name and Adm. Number in the spaces provided above.
2. Sign and write the date of examination in the spaces provided above.
3. This paper consists of three sections A, B and C
4. Answer all the questions in section A and B
5. Answer any two questions in section C
6. All answers should be written in the spaces provided.
7. This paper consists of 8 Printed pages
8. Candidates should check the question paper to ascertain that all the pages are printed as indicated and that no questions are missing.

*For Examiner's use only*

Section	Questions	MAXIMUM SCORE	CANDIDATE'S SCORE
A	1 - 16	30	
B	17 - 19	20	
C		40	
<b>Total Score</b>		<b>90</b>	

**SECTION A (30 Marks)**

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

1. Name Four plumbing tools used for installing galvanized water pipes. (2 marks)  
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2. List four characteristics of a beef calf which a farmer will look for during selection. (2 marks)  
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3. Give four physiological body processes used as indicators of ill-health in livestock production. (2 marks)  
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4. Give four factors which lower the effectiveness of an acaricide. (2 marks)  
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5. State Four advantages of contemporary comparison as a method of livestock selection (2 marks)  
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6. List three methods of feeding colostrums to a newly born calf (1½ marks)  
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7. a) State two methods of culling (1 marks)  
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b) List four factors that may lead to culling in livestock production. (2 marks)

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8. Give four signs of furrowing

(2 marks)

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9. List four functions of workers bees in a Colony

(2 marks)

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10. State three requirement for fish farming

(1 ½ marks)

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11. State four characteristics of an ideals pigs house

(2 marks)

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12. Give four predisposing factors to pneumonia in livestock

(2 marks)

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13. List four features of a good laying nest

(2 marks)

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14. State four measures that can control egg eating by hens in a deep litter system.

(2 marks)

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15. Give four characteristics of clean and high quality milk.

(2 marks)

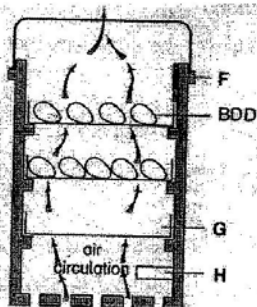
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16. State four post – milking procedures done to the teats

(2 marks)

**SECTION B (20 Marks)**

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

17. The diagram below illustrates an activity carried out by a poultry farmer. Study the diagram and answer the questions that follow.

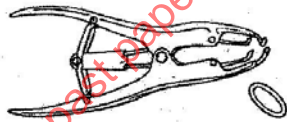


a) Identify the activity carried out in the structure (1 marks)

b) Name the functions of the parts labeled F, G, and H in the structure above. (3 marks)

c) State four other conditions apart from air circulation which are necessary for a successful activity being carried (4 marks)

18. The diagrams below illustrate farm tools D and E use them to answer the question that follow



D



E

(a) Identify the farm tools illustrated above (2 Marks)

(b) State two possible uses of tool D (2 Marks)



(c) List **three** reasons of maintain tool E

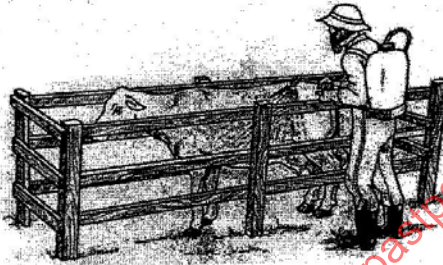
(2 Marks)

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19. The diagram below illustrates a routine practice in livestock production. Study the diagram and answer the questions that follow.



a) Identify the routine practice

(1 Marks)

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b) State **two** disadvantages of the practice being carried out

(2 Marks)

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c) Name **two** cattle diseases which are controlled through the above practice.

(2 Marks)

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**SECTION B (20 Marks)**

*Answer only two questions in this section in the spaces provided*

20. A) Outline ten reasons why bees may abscond a beehive (10 Marks)
- b) Describe ten factors considered in siting farm structures on the farm (10 Marks)
21. A) Outline ten uses of concrete in construction of farming structures and buildings. (10 Marks)
- b) Describe the importance of keeping livestock healthy (10 Marks)
22. Describe milk fever under the following subheadings
- a) Cause (1 Marks)
- b) Symptoms of attack (5 Marks)
- c) Control measures (4 Marks)
- d) Outline the advantages of live fences over barbed wire fences (10 Marks)

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