

FORM FOUR CLUSTER KCSE MODEL10

AGRICULTURE PAPER 2 QUESTIONS

SECTION A (30 Marks)

1. a) Give three ways by which vaccines are administered to livestock animals. (1½mks)
 - i).....
 - ii)
 - iii)b) State three reasons for castration in bucks. (1½mks)
 - i)
 - ii)
 - iv)
2. Give two factors determining the type of tools found in a farm.
 - i)
 - ii)
 - iii)
3. Mention four factors affecting digestibility of livestock feed.
 - i)
 - ii)
 - iii)
 - iv)
4. Define the following terms as used in Livestock breeding. (3mks)
 - i) Epitasis
 - ii) Out breeding
 - iii) Upgrading.
5. Give four observations that can be made through egg candling process.
 - i)
 - ii)
 - iii)
 - iv)
6. State three reasons for keeping livestock animals healthy.
 - i)
 - ii)

- iii)
7. Name three dairy cattle breeds kept in Kenya.
- i)
- ii)
- iii)
8. List four advantages of artificial insemination.
- i)
- ii)
- iii)
- iv)
9. Give four reasons for treatment of timber before use in construction.
- i)
- ii)
- iii)
- iv)
10. State three factors influencing the quality of honey
- i)
- ii)
- iii)
11. What is dry cow therapy?

12. Give three reasons why ewes may disown lambs.
- i)
- ii)
- iii)
13. a) Give two ways by which warmth is maintained in a calf pen. (1mks)
- i)
- ii)
- iii)
- b) State three disadvantages of four stroke engines. (1½mks)

i)

ii)

14. Distinguish between a feedstuff and a feed.

i) Feedstuff

ii) Feed

15. Give one reason why its important to understand the life cycle of a parasite.

.....
.....

16. State two factors determining the type of tools found in a farm.

i)

ii)

17. Give four structural requirement of store;

i)

ii)

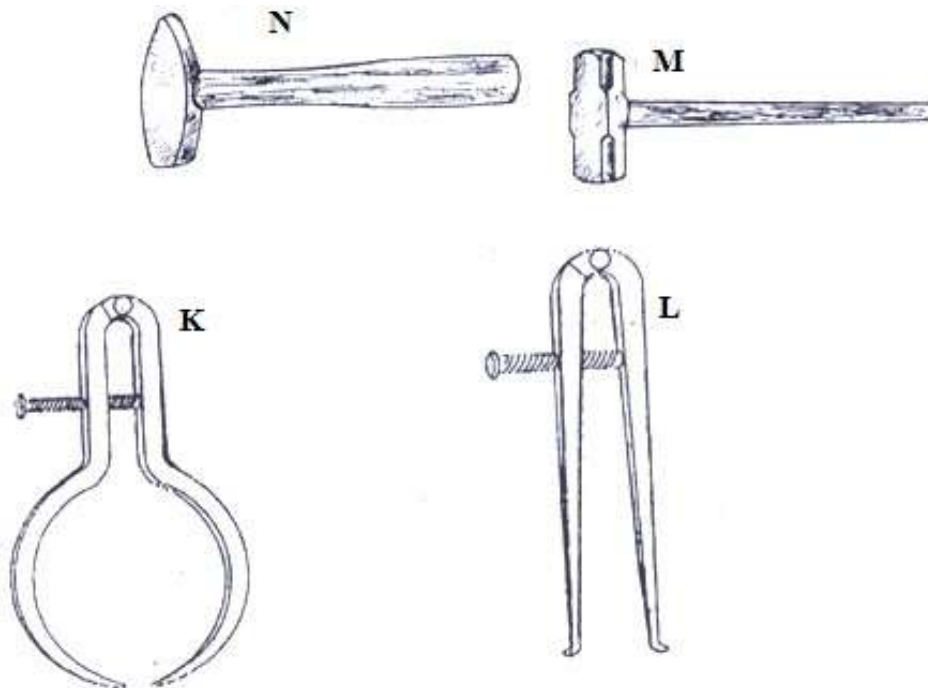
iii)

iv)

SECTION B (20 Marks)

Answer ALL questions in the spaces provided.

18. Study the farm tools below and answer the questions that follow.



a) Identify the tools labeled K and N (2mks)

K

N

b) In which group of tool M and N classified. (1mk)

.....

c) Give the functions of the tools labeled Land N. (2mks)

L

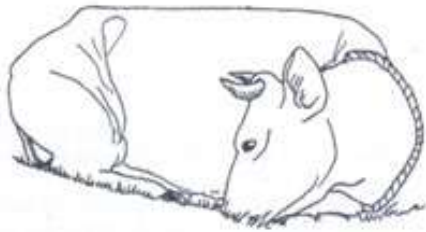
N

19. a) A cow requires 3 kg Dm for every 100kg, Calculate the weight of Napier grass consumed by a cow weighing 400kg, given that Napier grass fed to livestock had 70% moisture content. (4mks)

b) Give one example of silage loss a farmer is likely to experience on the farm. (1mk)

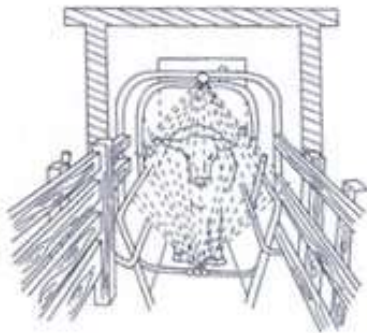
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20. The illustration below shows a dairy cow suffering from a disease. Three days after calving the cow went down with its head turned back and unable to walk:



- a) What disease was the cow suffering from? (1mk)
.....
- b) State two causes of the dairy cattle disease illustrated by the diagram above. (2mks)
.....
- c) State two method of preventing the disease you identified in (a) above. (2mks)
.....

21. Study the diagram below and answer the questions that follow.



- a) i) Identify the practice above; (1mk)
.....
- ii) Name two diseases controlled through the above named practice. (2mks)
.....
- b) State four advantages of using the above structure. (2mks)
 - i)
 - ii)
 - iii)
 - iv)

SECTION C (40 Marks)

Answer ANY TWO questions from this section in the spaces provided

- 22. a) Explain five structural requirements of a calf pen (10mks)
- b) Describe five routine management practices carried out during rearing of replacement stock. (10mks)

23. i) Describe the lifecycle of a two host tick. (5mks)
- ii) Maintenance practices carried out on tractor; battery. (5mks)
- iii) Factors considered when sitting a fish pond. (10mks)
24. Write short notes on poultry rearing in regard to;
- a) Activities carried out on arrival of chicks. (5mks)
- b) Requirements in an artificial brooder. (5mks)
- c) Describe five predisposing factors to diseases in livestock. (10mks)