

# FORM 3 TERM 3 APRIL 2022

## AGRICULTURE PAPER 2

### SECTION 1 QUESTIONS

1. Name three infectious causing organisms. (1 ½)

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2. State three ways in which livestock diseases are spread. (1 ½ mk)

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3 (a) what do you understand by the following terms as used in livestock production.

(i) Nutrients. (1mk)

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(ii) Starch equivalent (1 mk)

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(iii) Digestion. ( 1mk)

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(B) Give factors four that influence the amount of concentrate lactating animal would need. ( 2mks)

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4 (i) Give four advantages of using artificial insemination as a method of service in livestock breeding. (2mks)

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(II) State 4 signs of heat in a cow.. (2mks)

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5. Give four reasons of creep feeding in livestock management principles

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6. State four ways used in preservation of fish. (2MKS)

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7. Give four uses of fence in the farm ( 2MKS)

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(b) State four procedures followed in the establishment of a permanent farm building. (2mks)

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8. State four ways through which the health of an animal can be restored. (2mks)

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9. Name any four predisposing factors in the health of the animal. (2mks)

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10 (i) Name three characteristics considered when selecting a beef calf. (1 ½ mks)

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(ii) State three factors that contribute to the distribution of livestock in Kenya. (1 ½ mks)

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11A) state one use of each of the following tools

(i) Spade. (1/2 mk)

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(ii) Shovel. (1/2 mk)

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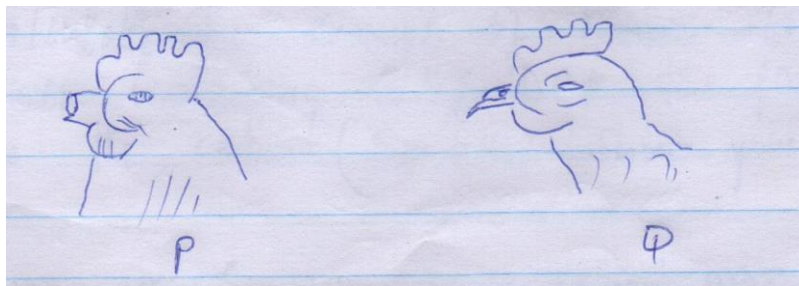
(b) Give two reasons for proper maintenance of farm tools. (1 mk)

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12. Give two methods used to restrain animals. (1mk)

**SECTION B (30 MARKS ) ANSWER ALL THE QUESTIONS**

13.The illustrating below shows a practice in layer birds . use them to answer the questions that follow



(a) What practice is represented above. (1MK)

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(b) Which illustration shows the right way of carrying out the practice. (1mk)

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© state three reasons for carrying out the practice. (3 mmks)

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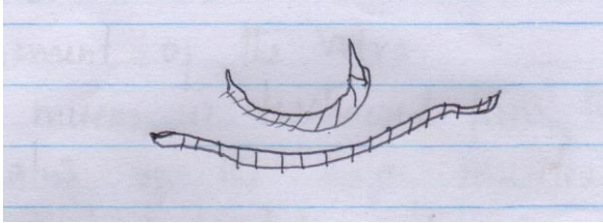
14. A farmer wanted to prepare 200kg of calf rearing ration containing 20 % DAP , using the Pearson square method calculate the amount of maize containing 18% DCP and sunflower containing 35% DCP the farmer would need to prepare. (5MKS show your working)

15.Fill the table below

Disease	cause	characteristics	preventive measures
Coccidiosis			
Black quarter			
Rinder pest	virus		vaccination
Milk fever			



16. The diagram below shows an internal livestock parasite. Study it and use it to answer questions that follow.



(a) Identify the parasite . (1mk)

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(b) Name two types of animals that are affected by the parasite shown. (1mk)

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©Name three control measures of the parasite above

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**SECTION C 40 MARKS (ANSWER ANY TWO QUESTIONS)**

17. (a) Outline 5 signs of parturition in cattle . (5mks)\_

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(C) Sate 5 reasons for carrying out inbreeding in livestock. (5mks)

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(c) Give five effects of parasites on livestock. (5mks)

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(d) Describe the difference between ruminant and non-ruminant s digestive system (5mks)



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(b) State five characteristics of merino sheep (5mks)

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(d) Explain five factors considered in selecting construction materials. (10mks)

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19 (a) Describe new castle disease under the following sub-headings.

(i) Causal organism.( 1mk)

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(ii) Animals affected. (1mk)

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(iii) Symptoms. (5mks)

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(iv) Control measures. (5mks)

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b ) (i) outline procedure for processing wax in bee keeping (8mks)

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(ii) Give any two ways in which vaccines are administered. (2mks)

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