Name…………………………………………………………………………………………… ADM………………………………………………..

Class……………………………………………………………………………………………………………………………………………………..

**FORM THREE**

**END OF TERM 3 EXAMINATION 2023**

**AGRICULTURE PAPER TWO**

**DURATION: 2 HOURS**

**INSTRUCTIONS TO THE CANDIDATE**

1. Write your name and the admission number in the spaces provide above
2. This paper consists of three sections A,B, and C
3. Answer all the questions in section A and B
4. Answer any two questions in section C

**For Examiner’s use only**

|  |  |  |  |
| --- | --- | --- | --- |
| SECTION | **QUESTION** | **MAXIMUM SCORE** | **CADIDATE SCORE** |
| **A** | **1-12** | **30** |  |
| **B** | **13-16** | **20** |  |
| **C** | **Q 17** | **20** |  |
| **Q 18** | **20** |  |
| **Q 19** | **20** |  |
|  |  |  |

**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.

1. Nutrients. (1mk)

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1. Starch equivalent (1 mk)

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1. 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 for 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



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

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1. 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 peason square method calculate the amount of maize containing 18% DCP and sunflower containing 35% DCP the framer 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. Sturdy it and use it to answer questions that follow.

 

1. Identify the parasite . (1mk)

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

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©Name tree 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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1. 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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1. a) Describe precautions to be observed when using workshop tools. (5mks)

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

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

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

1. Causal organism.( 1mk)

………………………………………………………………………………………………………………………………………………………………..

1. Animals affected. (1mk)

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1. Symptoms. (5mks)

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1. 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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