NAME……CLASS…….....ADM NO……

443/2

AGRICULTURE

PAPER 2

FORM 3

END OF YEAR EXAM-2024

TIME: 2 HOURS

SECTION A (30Marks)

Answer ALL questions from this section

1. Name the exoticbreed of cattle producing milk with highest butter fat content. (½ mk)

2. Give four reasons for identification in cattle management.(2mks)

3. State four bacterial diseases affecting cattle. (2mks)

4. Give four harmful effects of parasites in livestock. (2mks)

5. Highlight four functions of vitamins in animals (2mks)

6. State the gestation period of: (1mk)

a) Ewe

b) Sow

7. State three methods of selection in breeding (1 ½mks)

8. Give four qualities of a good vaccine. (2mks)

9. State any four signs that a sow would show before farrowing. (2mks)

10. What is cropping in aquaculture? (½mk)

11. State any four uses of a crush (2mks)

12. Differentiate between flushing and steaming up as used in livestock production. (1mk)

13. State four conditions necessary for incubation (2mks)

14. List three methods of extracting honey from the honey combs (1 ½ marks)

15. List four reasons for docking in sheep. (2mks)

16. State four advantages of keeping animals healthy (2mks)

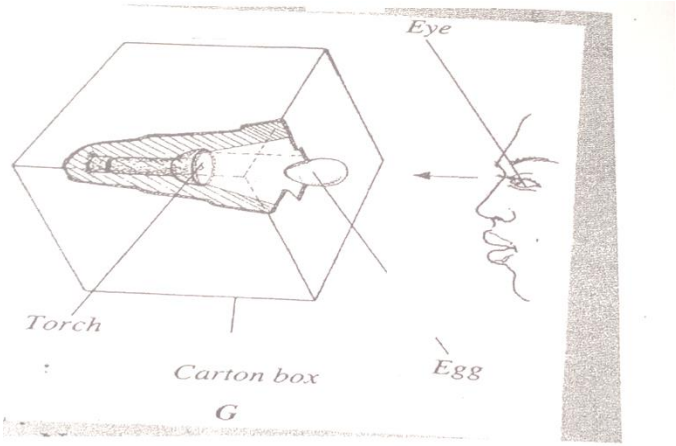
17. Mention four disadvantages of natural mating as a method of breeding in dairy cattle (2mks)

18. Name any four breeds of dairy goats (2mks**)**

SECTION B (20 MARKS)

Answer ALL questions in this section in the spaces

19. The diagram below illustrates an activity carried out by a poultry farmer keeping layers. Study it carefully and answer the questions that follow

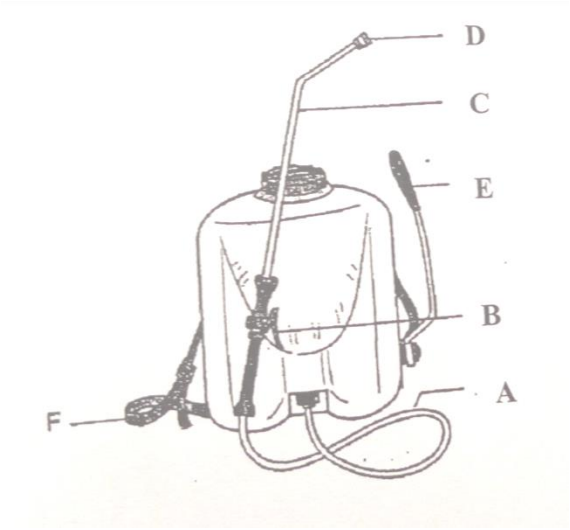


a) Name the activity illustrated above (1mk)

b) Give four abnormalities in the eggs that can be detected during the above activity (4mks)

c) State one function of the carton box in the activity illustrated above (1mk)

20. Below is a diagram of knapsack sprayer. Study it carefully and answer the questions that foll

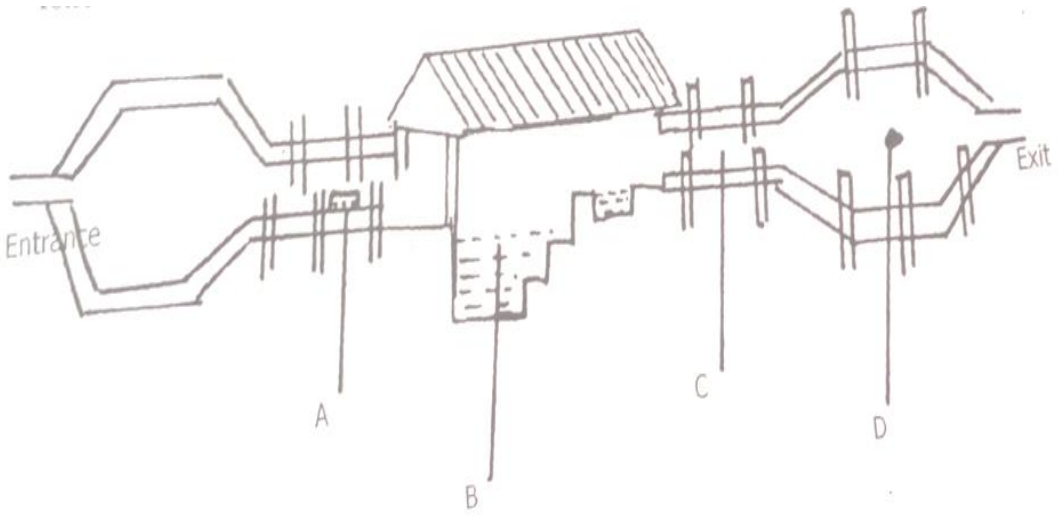


a) Name the parts labeled B and D (2mks)

b) State one **main** maintenance practice that should be carried out on the knapsack sprayer (1mk)

c) State the function of the part labeled E and F (2mks)

21. The diagram below shows parts of a plunge dip. Study the diagram and answer the questions that follow.



a) Name the parts labeled A,B, and D (3mks)

b) Give one reason why cattle are held for some time in part labeled C (1mks)

c) State two maintenance practices carried out on part D (2mks)

22. The following diagram illustrates a disease symptom in cattle. Study it carefully and answer the questions that follow.



a) State the name of the disease (1 mk)

b) State two other causes of the disease mentioned above (2mks)

SECTION C (40 MARKS)

Answer any TWO questions from this section

23. a) Describe **five** factors to consider when selecting a breeding stock. (10mks)

b) Describe **five** control measures of diseases in livestock and give an example of a disease controlled by the measure. (10 mks)

24a) Discuss mastitis disease under the following

i. Causal organism. (1mk)
ii. Symptoms (3mks)
iii. Causes of the disease (4mks)
iv. Control measures (2mks)

b) State and explain the various factors that should be considered when siting farm structures (10mks)

25 (a) Outline **five** factors considered when buying farm tools equipment to use (5mks)

(b) Explain **five** predisposing factors of livestock diseases (5mks)

(c) Explain factors a farmer should consider when selecting building materials for farm structures. (10mks)