

END OF TERM 1 EXAMS

AGRICULTURE

FORM FOUR

PAPER 2

TIME: 2 HOURS

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

SIGN.....

INDEX NO:.....

DATE;.....

INSTRUCTIONS TO CANDIDATES:

- Answer **ALL** the questions
- Answers should be written in the spaces provided

1. State **two** reasons why lubrication or greasing of farm machines is important (2mks)

.....

.....

.....

.....

2. State **three** practices which should be carried out when preparing a sow for farrowing (3mks)

.....

.....

.....

.....
.....

3. State **four** features of a good maize granary (2mks)

.....
.....
.....
.....

4. Give **two** advantages of artificial calf rearing (2mks)

.....
.....
.....

5. Mention **two** advantages of embryo transplant (2mks)

.....
.....

6. List **four** materials used for the construction of a gabion (2mks)

.....
.....
.....
.....
.....

7. State **two** reasons for washing the udder before milking (1mk)

.....
.....

.....
8. Name **two** livestock diseases controlled through use of A.I (1mk)

.....
.....
.....

9. Name **two** ways that show good feeding help to control livestock diseases (2mks)

.....
.....
.....

10. State **four** categories of farm tools and equipment (2mks)

.....
.....
.....

11. Give **two** main functions of the crop in the digestive system of poultry (1mk)

.....
.....
.....

12. Name **two** species of camels (1mk)

.....
.....

13. Explain the term stocking rate as used in livestock production (1mk)

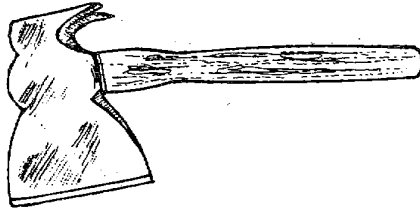
.....
.....
.....

14. Name **four** tick borne diseases (2mks)
-
-
-
-
-
15. Name **one** sheep breed which is resistant to foot rot disease (1mk)
-
16. Name **two** diseases that affect female animals only (1mk)
-
-
-
17. What is dry cow therapy? (1mk)
-
-
-
18. Differentiate between pen mating and flock mating in poultry (1mk)
- Pen mating
-
- Flock mating
-
19. State **one** reason why hoof trimming is carried out in sheep (1mk)
-
-
20. State any **two** signs of ill-health in livestock (1mk)
-
-

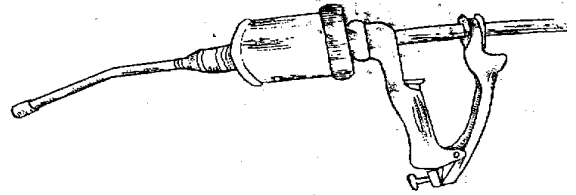
SECTION B (20 MARKS)

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

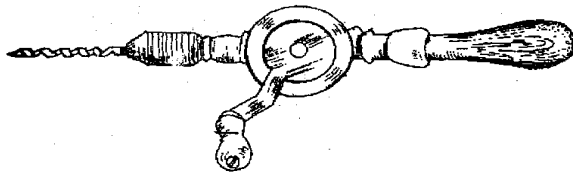
21. Below are illustrations of farm tools and equipment. Study them carefully and answer the questions that follows.



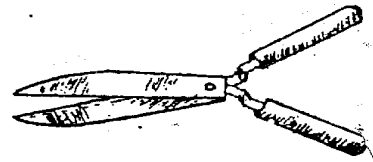
M



N



P



R

- (a) Identify the above tools. (2mrks)

M:.....

N:.....

P:.....

R:

- (b) State **one** main use of each tool. (1mrk)

M:.....

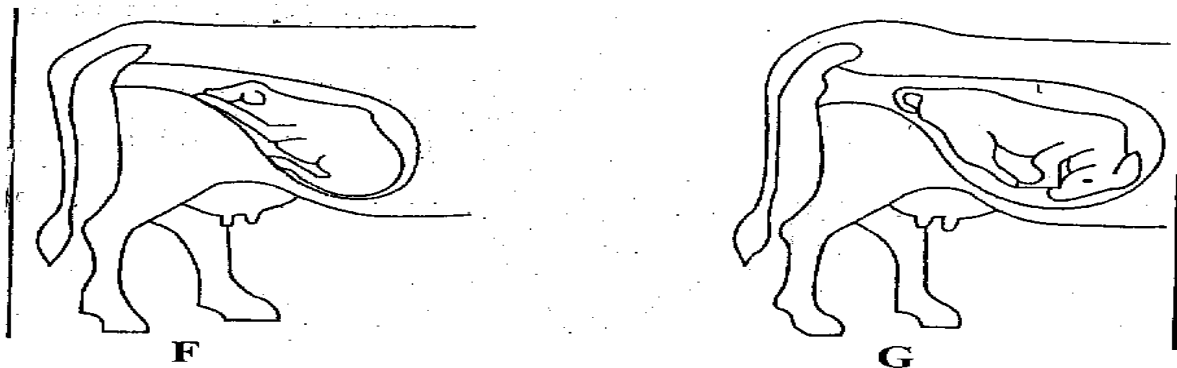
R:.....

- (c) Explain **one** maintenance practice carried out on tool P. (1mrk)

.....

.....

22. Study the diagram below and use them to answer the questions that follow.



- (a) Which of the foetus is in the correct position of parturition? (1mrk)

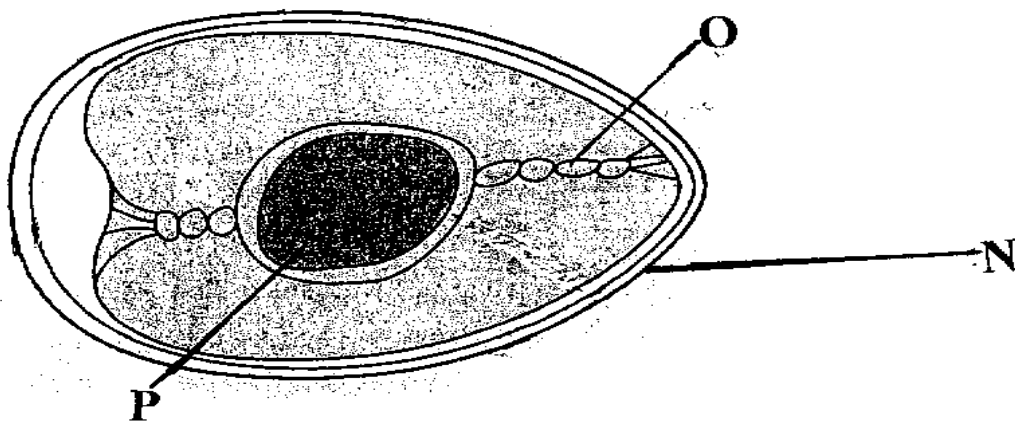
.....

- b) Name the type of parturition for the foetus **F** and **G**. (2mrks)

F:.....

G:.....

23. Study the diagram of an egg below and answer the question that follow.



- (a) Name the parts labeled: (1½ mrks)

N:.....

O:.....

P:.....

- (b) State the functions of the parts **O** and **N**. (2mrks)

O:.....

N:.....

- (c) Give any **three** qualities of eggs used for incubation. (1½ mrks)

.....
.....
.....

- 24 A farmer to prepare a **200kg** of chick ration containing **20% DCP**. Using person' square method, calculate the amount of maize containing **10%DPC** and sunflower containing **35% DCP** the farmer would need to prepare the ration. (*Show your workings*)
(5mrks)

- 25 (a) Name the method of identification shown below. (1mrk)



.....

- (b) Name the tool used for carrying out the above practice. (1mrk)

.....
.....
.....

- (c) Name **two** other methods for identifying animals. (1mrk)

.....

.....

.....

Answer any TWO questions from this section in the spaces provided

- 24 (a) State and explain six methods of controlling internal parasites in livestock (6 marks)
- (b) Describe the management practices that a farmer should carry out to improve milk production in a herd of dairy goats. (10 marks)
- (c) State four disadvantages of natural mating as a method of breeding in dairy cattle production (4 marks)
- 25 (a) Outline the daily maintenance practices that should be carried out on a farm tractor. (10 marks)
- (b) Describe the body conformation features of beef cattle (4 marks)
- (c) Outline six causes of stress to a flock of layers. (6 marks)
- 26 (a) Describe mastitis in dairy cattle under the following subheadings
- (i) Predisposing factors (4 marks)
- (ii) Symptoms (3 marks)
- (b) State factors considered when siting farm structures (8 marks)
- (c) Outline the structural requirements of a deep litter house