

Name.....Adm. no.....

School.....Date.....

Class.....

443/2

AGRICULTURE

PAPER 2

TIME: 2 HOURS

FORM 4

INSTRUCTIONS TO CANDIDATES:

1. This paper consists of sections A,B,andC
2. Answer all questions in sections A and B
3. Answer any two questions in section C

For Examiners use only

SECTION	QUESTON	MAXIMUM SCORE	CANDIDATE'S SCORE
A	1-17	30	
B	18-21	20	
C	22-24	40	
	TOTAL	90	

Section A (30MKS)

1. Name **four** methods of dehorning in cattle
(2mks)

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2. State the function of the following parts of a poultry digestive system(1mk)

Crop-

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Gizzard-

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3. State **two** functions of protein in animal nutrition (1mk)

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4. Name four bacterial diseases 2mks

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5. Name two meat breeds of goat ... 1mks

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6. Give four characteristics of a large white breed of pig (2mk)

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7. State **four** ways of restraining cattle during routine management
(2mks)

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8. What is meant by the following terms as used in livestock health?

(a) Incubation period

(1mk)

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(b) Mortality rate

(1mk)

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9. Define the following terms as used in livestock rearing.....2mks

(a)pullet.....

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b.cockrel.....

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c.piglet.....

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c.sow.....

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10. What is creep feeding? (1mk)

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11.State two meat breeds of sheep 2mks

12. Give microbial activities that takes place in the rumen..2mks

13. (a) State 2 functions of cobalt in animal's body 1MKS

(b)Name two classes of feedstuff 1mks

14. Give 4 mechanical method of tick control 2mks

15. State structural requirements of a pig house 2mks

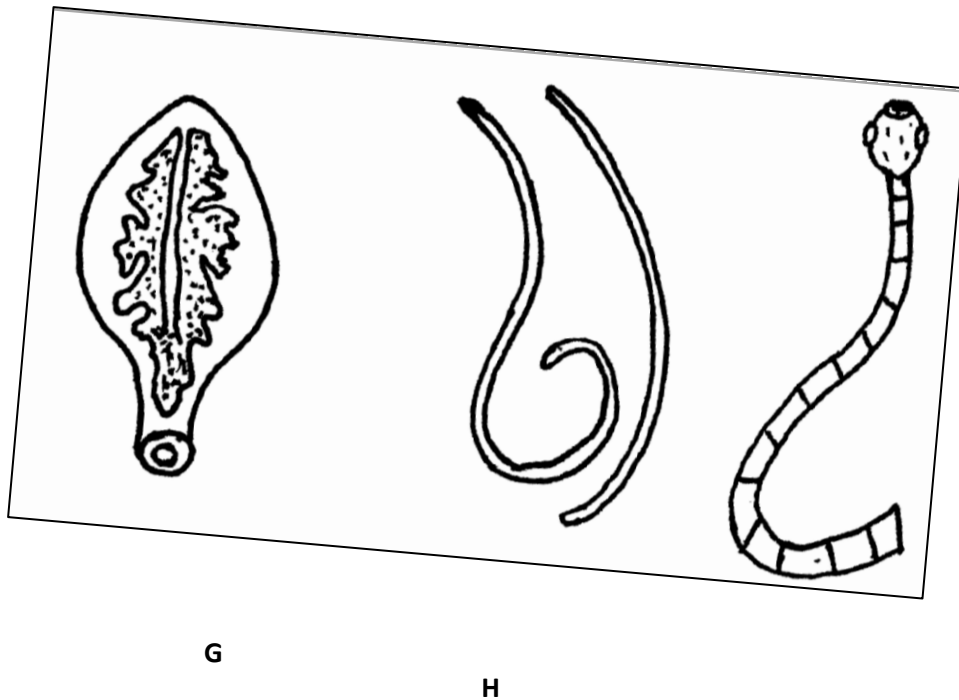
16. State 4 disadvantages of using spray race over cattle dip 2mks

17. Give the uses of the following farm tools and equipments 2mks

- i) strip cup
- ii) milk strainer
- lii) Hacksaw
- iv) Centre punch

Section B 20mks

18. Diagram G,H and J illustrates some livestock parasites



(a) Identify parasites **G,H** and **J**

(3 mk)

G.....

H.....

J.....

(b) Name the parts of the host body where parasites **G** and **J** are found

(1mk)

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(c) Name the intermediate host of parasites **G** and **J**

(2mk)

G.....

J.....

(d) Outline **four** symptoms of attack in livestock by parasite **J**

(2mks)

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19. The diagram below illustrates a hoof of a sheep. Study it carefully and answer the questions that follow



(a) Name the routine management practice that should be carried out on the hoof illustrated above(1mk)

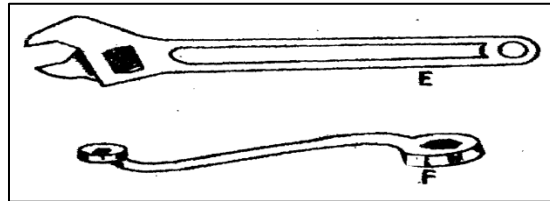
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(b) State **two** reasons for carrying out the management practice in (a) above
(2mks)

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20. Study the diagrams of workshop tools shown below



(a) Identify the tools labeled **E** and **F**
(2mk)

E.....

F.....

(b) What functional advantage does tool **E** have over tool **F**?
(1mk)

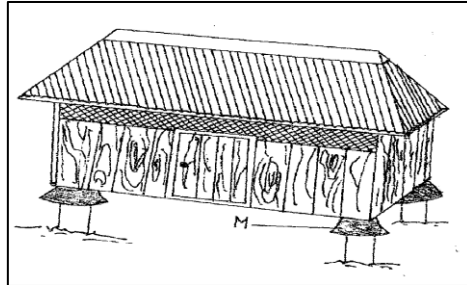
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(c) Below is a diagram of a farm structure for storing grains. Study it carefully and answer the question that follows

(i) Identify the farm structure illustrated above

(1mk)



(ii) State the function of the part labeled **M**

(1mk)

(iii) State **two** maintenance practices that should be carried out on the farm structure illustrated above in readiness for grain storage 2mks

21. Give four functions of a worker bee 2mks

Section c (40mks)

Attempt any two questions

22(a) i) Describe seven signs of ill-health in livestock 7mks

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(ii) Outline five uses of a crush in livestock rearing 5mks

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(b) (i) Name the causal organism of coccidiosis in poultry. (1mk)

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(ii) Apart from poultry name two other animals affected by the disease above. (2mks)

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(iii) Give five symptoms of the disease in poultry.
(5mks)

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23. (a) Describe the procedure of processing honey wax (8mks)

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(b) Outline FOUR harmful effects of lice in livestock (4MKS)

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(c) State five advantages of the top bar beehive (5mks)

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d). Give three signs of heat in pigs (3mks)

24. A) Explain six advantages of artificial insemination (A.I) in livestock breeding. (6mks)

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(b) Give 5 categories of farm tools and equipment (5mks)

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c)outline five characteristics corriedale breed of sheep (5mks)

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d)discuss 4 practices carried out on fish before preservations. 4mks

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