



Name Class.....Ad. No.....

443/2
AGRICULTURE
PAPER 2
MAY 2016
TIME 2 HRS

**ALLIANCE HIGH SCHOOL
PRE-TRIALS EXAMINATION.
AGRICULTURE PAPER 2 YEAR 2016**

Instructions to candidate

Answer all questions in section A and B and any two questions in section C.

For examiner's use only.

A		30	
B		20	
C		20	
		20	
	Total score	90	

SECTION A (30MKS)

Answer All the questions in this section in the spaces provided

1. State any two disadvantages of pastoral – nomadism system of farming (1mk)

2. Name the most appropriate tool for treating bloat in ruminants (1mk)

3. What is the use of a spokeshave in a farm workshop (½ mk)

3. Name any four ectoparasites affecting livestock animals (2mks)

4. State four ways through which animals utilize production (2mks)

5. State two disadvantages of in breeding in livestock production (1 mk)

6. Name four non-chemical methods of controlling ticks in cattle (2mks)

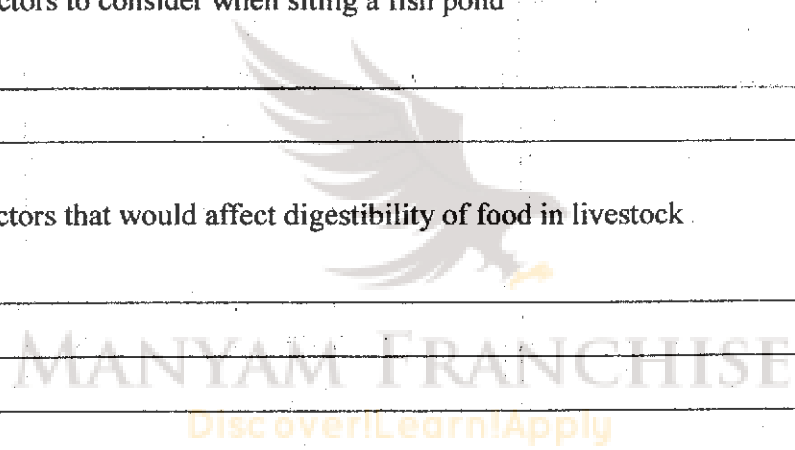
7. List two problems associated with air cooled tractor engine (1mk)

8. A part from defending the hive, list any other four functions of worker bees in a hive (2mks)

9. State any three reasons for castrating bulls (1½ mks)

10. State four factors to consider when siting a fish pond (2mks)

11. Give four factors that would affect digestibility of food in livestock (2mks)



12. List one functions of each of the following parts of a mouldboard plough

i) Share (1mk)

ii) Mouldboard (1mk)

iii) Landside (½ mk)

13. Give four reasons why the feeding of colostrums is important in the rearing of piglets (2mks)

14. Mention two practices carried out to a sow during the last ten days of gestation period in pig management (1mk)

15. State six livestock management practices that can be carried out in a crush (3mks)

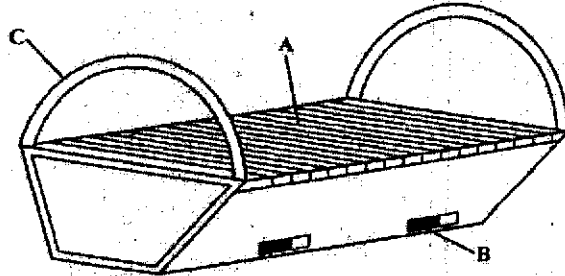
16. Give two reasons for egg candling (1mk)

17. Give three maintenance practices of a forked jembe (1½ mks)

18. State two ways of controlling milk fever in lactating cattle (2mks)

SECTION B (20MKS)

19. Below is a diagram illustrate a beehive. Study it carefully and answer questions that follow.

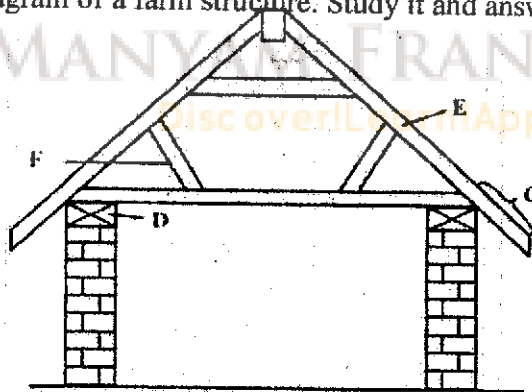


a) Identify the type of beehive (1mk)

b) Name the parts labeled A, B and C (1½ mks)

c) State two advantages of the above bee hive compared to the traditional log hive (2mks)

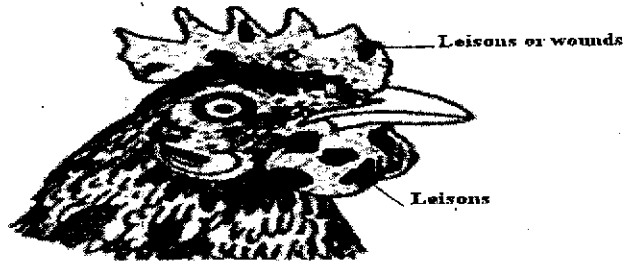
20. Below is a diagram of a farm structure. Study it and answer the questions that follow



a) Name the parts labeled C, D, E and F (2mks)

b) State the functions of the parts labeled D and E (1mk)

21. Study the diagram below and answer the questions that follow.



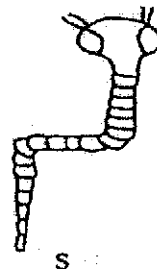
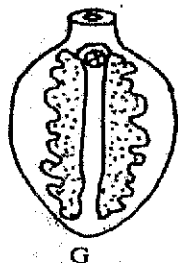
a. Identify the disease characterized by the above symptoms. (1mark)

b. A part from the above parts name other two areas where the lesions can manifest.(1 mark)

c. State other four symptoms of the disease. (2 marks)

d. State two predisposing factors of the disease. (1mark)

22. The diagram labeled G, H and S below illustrate three livestock parasites. Study them and answer the questions that follow,



- a) Identify the parasites (1½ mks)
 G, H, S
 G _____
 H _____
 S _____
- b) State the category to which the three parasites G, H and S belong to (1/2mk)

- c) Name the parts of organs of the host body where parasites G and H are found respectively (1mk)
 G, _____
 H _____
- d) Name the intermediate hosts for each of the parasites G and S (1mk)
 G, _____
 S _____

SECTION C (40 MARKS)

Answer any two questions from this section in the spaces provided

23. a) Describe the procedure of constructing a barbed wire fence (10mks)
 b) Explain the importance of dehorning animals on the farm (5mks)
 c) Describe the electrical system of tractor (5mks)
24. a) Discuss the disease Trypanosomiasis under the following subheadings
 i) Casual organism (1mk)
 ii) animal attached (1mk)
 iii) mode of transmission (1mk)
 iv) symptoms (4mks)
 v) control (3mks)
 c) Explain the measures used in controlling diseases in livestock (10mks)
25. a) State the functions of the various parts of a spray race in dairy farming (5mks)
 b) Giving relevant examples in each case, outline the nutritional causes of disease in livestock (6mks)
 c) Describe the practices observed in clean milk production (9mks)