

ALLIANCE HIGH SCHOOL
FORM FOUR CAT 1 TERM 1 2016

TIME: 2 Hours

SECTION A [30 MARKS]

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

1. Name a breed of goats that has long hair .
[0.5mks.]

2. Give three factors that should be considered when sitting a bee-hive in the farm
[1.5marks]

3. State four management practices that would ensure maximum harvest of fish in a fish pond
[2marks]

4. Give two reasons why walls of dairy sheds should be white –washed instead of painted with water or oil paint.
[1mark]

5. What is the intermediate host for liver fluke. [0.5mks.]

6. What is the duration of estrus cycle in a cow? [0.5mks.]

7. If a dairy cow was noticed to be showing first signs of heat at 6.00am. What time should she be inseminated? [1mark]

8. Give four factors that determine the amount of water required by an animal. [2marks]

9. Name three holding tools and equipment . [1.5marks]

10. Give three functions of a combination squire . [1.5marks]

11. Mention **three** purposes of branding in cattle
(1½ mks)

12. Name three methods used in selection of livestock. (1½ mks)

13. List three products obtained from dromedary camel. [1.5marks]

14. If the records showed that a rabbit doe was served on 27th September 2014 what date did she give birth/kindle? [0.5marks]

15. Give two signs that would show that a rabbit doe is about to parturate. [1mk.]

16. Under what conditions would it be necessary to use a file to smoothen a piece of wood instead of using a smoothing plane? [0.5marks]

17. What is the use of a plumb-bob? [0.5marks]

18. State four characteristics of a corriedale sheep breed. [2marks]

19. State any two disadvantages that may arise from inbreeding in livestock production. [1mark]

20. Name four cattle diseases caused by bacteria. [2marks]

21. Name any two methods recommended for identifying goats. [1mark]

22. State three field conditions under which a disc plough should be used instead of a mould board plough. [1.5marks]

23. Give three symptoms of Tape Worm attack in dairy cattle. [1.5marks]

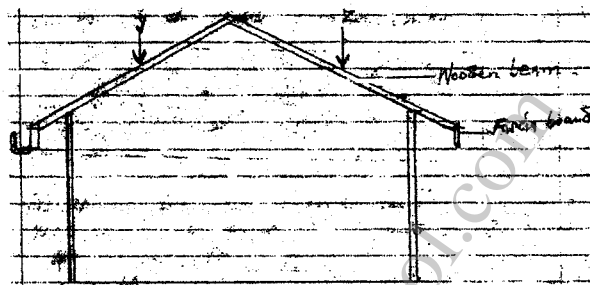
24. Give four reasons for steaming –up dairy animals.

[2marks]

SECTION B [20MARKS]

Answer all questions in this section in the spaces provided .

25. The drawing below shows the cross-section of a house under construction. Study it carefully and answer questions that follow .



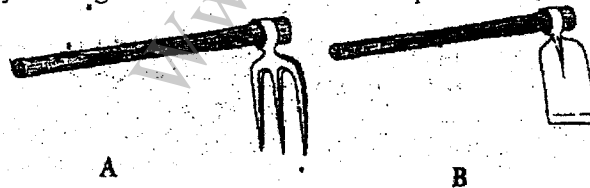
[a] Assuming that the wooden beams are strong enough to hold the roof load .What is the most likely thing to happen when the roof load exerted presses at point Y and Z . [1mark]

[b] On the diagram provided draw and label two constructional features you would add to this structure in order to make it more efficient. [2marks]

[c] State two importance of the fascia board in the farm building.

[2marks]

26. Study the diagrams below and answer the questions that follow.



a) Identify tool A and B

(1 mks)

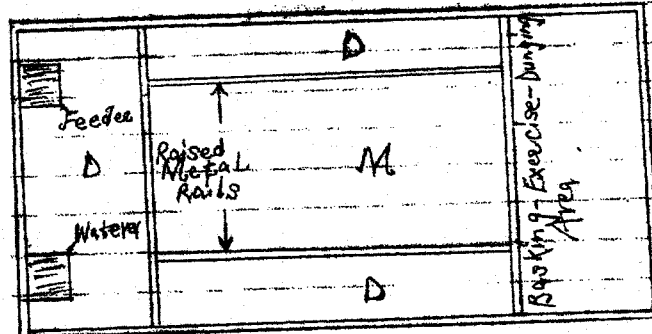
b) Under what conditions would you require to use tool A rather than tool B.

(2 mks)

c) State two maintenance practices for the above tools.

(2 mks)

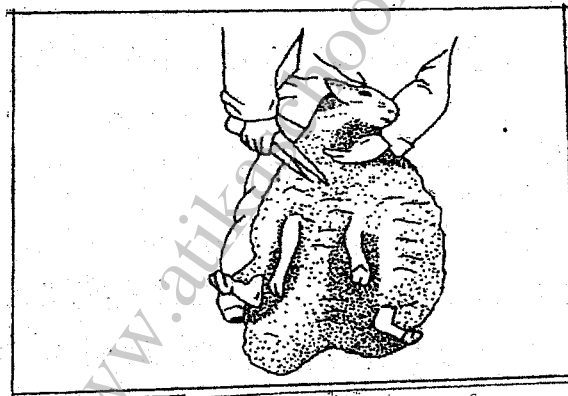
27. The illustration below shows a pig farrowing pen. Study it and answer questions that follow.



[a] What is the use of the raised metal rails. [1mark]

[b] Give two uses for the parts labeled D [2marks]

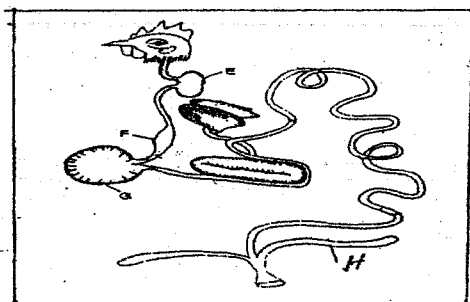
28. Below is an illustration representing a practice carried out in sheep. Study it and answer questions that follow.



[a] Identify the practice illustrated above. [1mark]

[b] State three precautions taken when carrying out the above practice. [3marks]

29. Study the illustration below of a poultry digestive system and answer questions that follow.



[a] Give two functions of part E. [2marks]

[b] State one function of part H. [1mark]

SECTION C [40MARKS]

Answer any two questions from this section in the spaces provided after each question.

30. [a] Describe ten factors that are considered during the selection of a breeding stock. [10marks]
[b] Describe five effects of parasites on livestock. [5marks]
[c] Describe the mechanical control measures of ticks. [5marks]
31. [a] Outline five reasons why bees swarm away. [5marks]
[b] Discuss the preparations and practices that should be carried out on a pregnant sow 10 days before she far rows. [5marks]
[c] Describe the procedure of processing wax from honey combs. (10 mks)
32. [a] Discuss the factors to consider when selecting a breeding stock. (9 mks)
[b] Explain six factors considered when selecting construction materials for farm structures. [6marks]
[c] Give five qualities of a good calf pen. [5marks]