

FORM FOUR CLUSTER KCSE MODEL13

AGRICULTURE PAPER 2 QUESTIONS

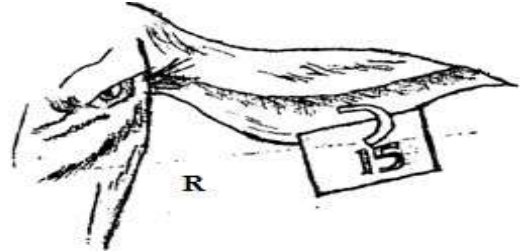
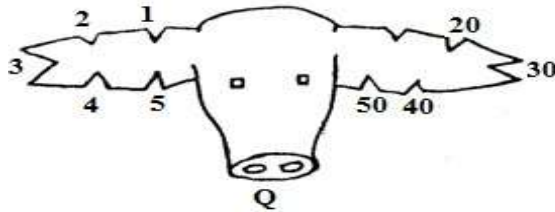
SECTION A (30 Marks)

1. a) What do you understand by the term predisposing factors? (1mark)
b) Give THREE examples of predisposing factors. (1 ½ marks)
2. a) State FOUR functions of water in animals.(2marks)
b) Give FIVE factors likely to determine the amount of water required by an animal. (2marks)
c) State TWO characteristics of Goats that make them adaptable to arid areas. (1mark)
3. State THREE advantages of farm mechanization.
4. Name the causal organisms of the following livestock diseases
 - a) Brucellosis
 - b) Anthrax
 - c) African Swine fever
 - d) Anaplasmosis
6. Give the difference between the tenon saw and cross – cut saw.
7. a) State FOUR signs of infestation by external parasites in livestock. (2marks)
b) Name TWO methods of docking sheep. (1mark)
8. What are the terms used in the parturation of the following livestock.
 - i) Cattle.....
 - ii) Sheep
 - iii) Rabbits.....
9. State TWO reasons for seasoning timber.
10. a) What is out breeding? (1mark)
b) State THREE ways in which out breeding can be done. (1 ½ marks)
11. State FOUR roles played by the worker bees in the Hive.
12. State THREE non- chemical methods of controlling parasites like ticks on the farm.
13. State THREE reasons why farmers prefer the Kenya Top Bar Hive for commercial honey production.
14. a) What do you understand by livestock culling?(1mark)
b) Give TWO factors that may necessitate culling in livestock. (1mark)
15. a) State THREE reasons why livestock castration is done on the farm.
b) State THREE signs which show that the sow is about to farrow.

SECTION B (20 Marks)

16. The diagrams Q and R illustrates a practice carried out on livestock.

Study them carefully and answer the questions that follow.



a) i) Identify the practice in Q and R. (½ mark)

Q.....

R.....

ii) Name the methods carried out in Q and R. (1mark)

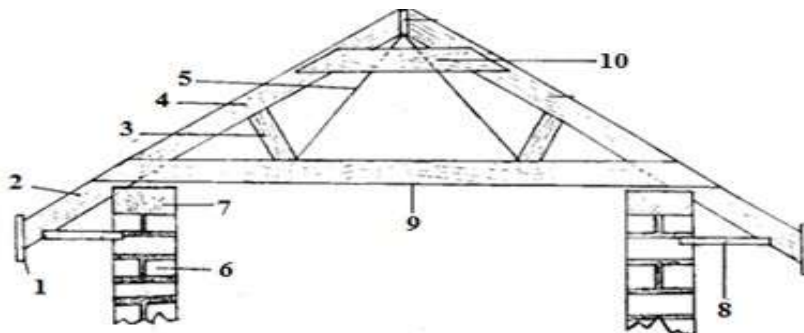
Q.....

R.....

b) By using method of practice in Q draw the animal whose number is 100. (1mark)

c) State one advantage of practice R over Q. (½ mark)

17. The diagram below illustrates a roofing structure of a farm building, use it to answer the questions that follow.



i) Name the parts labelled 1 – 10

1..... 2.....

3..... 4.....

5..... 6.....

7..... 8.....

9..... 10.....

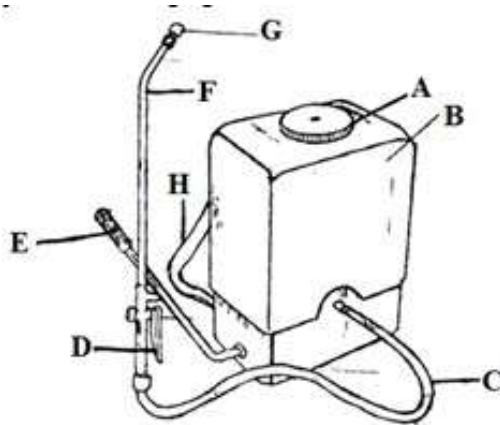
18. A farmer intends to prepare a feed stuff containing 16% protein using maize grains 7% and sunflower cake 34% protein.

Using Person square method, calculate the amount of maize in kg and sunflower to be used in preparing 100kg feed stuff. (show your working).

19. The diagram below shows an external parasite. Study it carefully and answer the questions that follow.



- Identify the illustrated parasite. (½ mark)
 - Name ONE disease transmitted by the above parasite. (½ mark)
 - Give TWO control measures of the above parasite. (1mark)
20. Study the farm equipment illustrated below and answer the questions that follow.



- Identify the use of the equipment illustrated above. (1mark)
- Name the parts labelled A – H on the equipment illustrated above
 A..... B.....
 C..... D.....
 E..... F.....
 G..... H..... (4marks)
- Identify TWO faults likely to occur when the above equipment is being used. (1mark)

SECTION C (40 Marks)

21. a) Describe the factors considered in the establishment of a farm structure. (8marks)
- b) Describe the establishment of a fish pond. (8marks)

- c) Describe the methods of preserving fish on a farm. (4marks)
22. a) Describe the life cycle of a liver fluke in farm animals. (8marks)
- b) Describe the management of lambs from one day to weaning. (8marks)
- c) Describe the importance of steaming up. (4marks)
23. a) Describe Fowl typhoid attack on chicken under the following sub – heading
- i) Causal organism. (1mark)
- ii) Symptoms (5marks)
- iii) Control measures (4marks)
- b) i) State FOUR reasons for handling livestock. (4marks)
- ii) Describe the differences between Ruminant animals and non-ruminant animal. (6marks)