Name ………………………………………………………………………..

Index no………………………………… class …………………… date………………….

GATITU DAY MIXED SEC SCHOOL

AGRICULTURE PP2

TRIAL 2 EXAM 2012

TIME: 2HRS

**Instructions**

**Answer all the questions in section A and B and any two questions from section C**

 **SECTION A (30MKS)**

1. Name two pure breeds of poultry commonly kept by farmers in Kenya (1mk)
2. State four non- chemical methods of controlling ticks in cattle. (2mks)
3. State tree functions of water in the body of an animal. (1/2mk)
4. a) Name two types of concentrates (1mk)

b) State four factors affecting maintenance ration requirements in livestock feed (2mks)

5. Define the term carbonization (1mk)

6. State two advantages of artificial calf-rearing (1mk)

7. State any three symptoms of mastitis in diary cattle. (1 ½ mk)

8. Give two conditions which would make it possible to feed bees. (1mk)

9. Mention two groups of vaccines. (2mks)

10. State any four qualities of clean milk. (2mks)

11. List any four harmful effects of keds on livestock. (2mks)

12. Outline four factors considered when selecting a boar for breeding purpose. (2mks)

13. State three reasons why inbreeding can be recommended in livestock. (1 ½ mk)

14. a) Give three reasons for steaming up sheep. (1 ½ mk)

 b) State two reasons why crutching is done in sheep management.

15. Write four reasons why honey harvesting is discouraged at night. (1mk)

16. State four factors that may influence the pulse rate of an animal. (2mks)

17. a) State four maintenance requirements of a jack plane. (2mks)

 b) State four reasons for proper care and maintenance of farm tools and equipment. (2mks)

18. Name two groups in which vitamins are classified. (1mks)

 **SECTION B (20 MKS)**

19. Below is a diagram showing the cross section of brooder for chicks

a) What is the purpose of the part labeled Q. (2mks)

b) State two ways by which temperature in the brooder may be raised . (2mks)

c) State two ways by which temperature in the brooder may be raised if bulds were to be used instead of the lantern. (2mks)

d) Name two materials that would be suitable for use a litter in this brooder. (1mk)

20. a) Which livestock disease is transmitted by each of the following ticks . (2mks)

 i) Blue tick (Booophilus)

 ii) Brown ear tick (Rhipicephalus appendiculatus)

b) How many hosts does the re-legged tick (Rhipicephalus evevtsi) required to complete its life cycle?

 (1mk)

c) Give two reasons for holding animals for a short period in the outlet crush over dipping. (2mks)

21. Examine the farm tools drawn below and then answer the questions that follow.

 a) Identify the tools below (2mks)

 i

 ii

 iii

 iv

b) State the uses of the tools (ii) and (iv) (1mk)

22. State three features that distinguish indigenous breeds from exotic breeds (3mks)

**SECTION C (40MKS)**

**ANSWER ANY TWO QUESTION S IN THE SPACES PROVIDED**

23. Describe the process of egg formation in poultry production with the aid of a diagram. (20mks)

24. a) Describe the lifecycle of a three host tick (8mks)

 b) Discuss the methods adapted to control livestock diseases (12mks)

25 a) Describe the management of sows during parturition (10mks)

 b) Describe the procedure of harvesting honey (10mks)