**GATITU MIXED SECONDARY SCHOOL**

**AGRICULTURE FORM 4**

**MIDTERM EXAM TERM 1 2015**

**SECTION A (30MKS)**

1. What is a notifiable disease? 1mk
2. State three ways in which infectious disease can spread from one animal to another . 3mks
3. Name an indigenous beef breed of Africa with a broad head and muzzle, short neck, loose skin having short fine hair, with a straight band broad back. 1mk
4. State three social cultural values of livestock in Kenya. 3mks
5. Give two reasons for carrying out inbreeding in animal production. 2mks
6. State three signs of heat in pigs. 3mks
7. Give three precautions observed in handling vaccines in animal disease control. 3mks
8. Give two main functions of each of the following organs in a female bird:
9. The isthmus. 2mks
10. The uterus 2mks
11. The funnel 2mks
12. State three factors considered in selection of meat goats as breeding stock. 3mks
13. Give three limitations of deep litter poultry houses. 3mks
14. State two functions of a queen bee in a colony. 2mks

**SECTION B (20MKS)**

**ANSWER ALL QUESTIONS IN THIS SECTION**

1. The illustrations below show a practice in layer birds. Use them to answer the questions that follow.
2. What practice is represented above? 1mk
3. Which illustration shows the right way of carrying out the practice? 1mk
4. State two reasons for carrying out this practice in poultry. 2mks
5. The following is a diagram showing part of the poultry’s digestive system. Use it to answer the questions
6. Name the parts labeled Q,S,T and R. 3MKS
7. Give two structural adaptations of R to its functions. 2mks
8. The graph below shows the relationship in milk yield and foetal growth against time.



1. Name the stage between the months in respect to lactation and gestation:
2. 2nd to 12th month 1mk
3. 10th to 12th month 1mk
4. 1st to 10th month. 1mk
5. Give two practices carried out on the in calf cow within the period from the 10th to the 12th month. 2mks
6. State one routine practice a farmer should avoid carrying out on the in calf cow between the 10th and 12th month. 1mk
7. From the graph find the birth weight of the calf. 1mk
8. The diagram below shows the internal structure of an egg. Use it to answer the questions that follow.
9. Name the parts labeled P and Q 2mks
10. Give two defects that may be found on part M making the egg unsuitable for incubation. 2mks
11. State one role of part R. 1mk

**SECTION C (40MKS)**

**ANSWER ANY TWO QUESTIONS FROM THIS SECTION**

1. With the help of a diagram, discuss artificial incubation under the following subtitles
2. Management of the incubator.
3. Advantages and disadvantages of artificial incubation 20mks
4.
5. Describe the management of growers up to the point of lay. 12mks
6. Explain the advantages of rearing birds through a battery cage system. 8mks
7. Discuss foot rot disease in sheep under the following subtitles:
8. Causal agent. 1mk
9. Predisposing factors 3mks
10. Symptoms of attack 6mks
11. Control measures 5mks
12. Explain the importance of keeping livestock healthy. 5mks