**GATITU MIXED SECONDARY SCHOOL**

**AGRICULTURE FORM 3**

**MIDTERM EXAM TERM 1 2015**

**SECTION A (30MKS)**

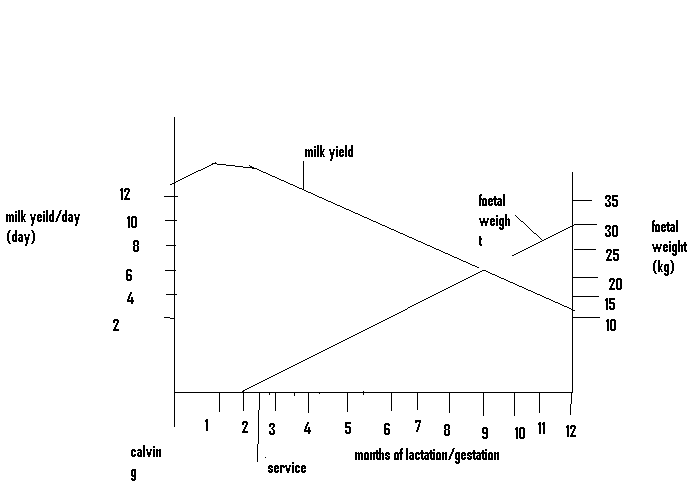
**ANSWER ALL QUESTIONS IN THIS SECTION**

1. Name two internal parasites of livestock. 2mks
2. State two roles of carbohydrates in the body of an animal. 2mks
3. What does metabolic water refer to in livestock nutrition? 1mk
4. State two ways by which proper feeding contributes to the control of disease in livestock. 2mks
5. Give two functions of water in the body of an animal. 1mk
6. State two qualities of clean water for livestock. 2mks
7. State two dairy products that can be prepared from milk cream. 2mks
8. What is skim milk? 1mk
9. Give two reasons for candling incubated eggs. 2mks
10. State two factors that necessitate culling in a flock of layers. 2mks
11. Name two tools used in riveting 2mks
12. Give one functional difference between a brace and a hand drill. 1mk
13. Name two exotic dairy goat breeds. 2mks
14. Outline three factors that may lower quality of wool. 3mks

**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 male reproductive system in cattle. Use it to answer the questions that follow.
9. Name the parts labeled Z and W. 2mks
10. State the functions of parts labeled V and Y 2mks
11. How is part W adapted to its function? 1mk

**SECTION C (40MKS)**

**ANSWER ANY TWO QUESTIONS FROM THIS SECTION**

1. What are predisposing factors in livestock disease? 2mks
2. Explain the common predisposing factors in livestock diseases. 18mks
3. Describe the life cycle of a two host tick. 15mks
4. Give five effects of ticks on livestock. 5mks
5. Explain the factors that influence the daily water requirement of a dairy cow. 10mks
6. Discuss the digestion of food in poultry from the crop to the gizzard. 10mks