**NAME ---------------------------------------------- CLASS -------------------------- ADM NO ------------------**

**GATITU MIXED SECONDARY SCHOOL**

**AGRICULTURE FORM 3 PP2**

**3RD TERM 2013**

**2 HRS**

**INSTRUCTIONS:**

* **This paper consists of three sections A,B and C**
* **Answer all the questions in section A and B**
* **Answer any two questions in section C**

**SECTION A (30 MKS)**

**Answer all questions in section A in the spaces provided.**

1. Give four uses of a bucket in the farm. 2mks
2. Give four examples of mineral imbalances observed in livestock while naming the mineral concerned in each case. 2mks
3. State four symptoms of attack by Taenia saginata 2mks
4. Give six advantages of steaming up in cattle management 3mks
5. Outline the procedure of drenching sheep. 4mks
6. Give four reasons why farmers handle livestock. 2mks
7. State four factors considered when formulating a livestock ration 2mks
8. Give four functional differences between spray race and a machakos dip. 2mks

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| Spray race | Machakos dip |
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1. State four characteristics of the African wild bee which make it better in bee keeping than the European bee type. 2mks
2. Give four structural requirements of a pig house. 2mks
3. State a reason for the following practices during construction of permanent buildings.
4. Excavation 1mk
5. placement of steel rods in the foundation trench 1mk
6. placement of pvc sheet on top of the foundation 1mk
7. State four factors which influence the digestibility of food in livestock 2mks
8. Give four symptoms of gumboro disease in poultry 2mks

**SECTION B: (20 MKS)**

**ANSWER ALL THE QUESTIONS IN SECTION B IN THE SPACES PROVIDED**

1. Study the diagram below and answer the questions that follow.
2. Identify the livestock routine practice shown in the diagram 1mk
3. Name any two methods of livestock identification other than the one shown in diagram. 2mks
4. Give four reasons why farmers practice the operation illustrated above. 4mks
5. Study the diagram below and answer the questions that follow
6. Identify the operation 1mk
7. Describe the procedure of assembling a bit in to a brace 3mks
8. State two maintenance practices carried out on the tool. 2mks

1. Study the diagram below and answer the questions that follow
2. Identify the disease 1mk
3. Give three other symptoms that would be observed on the animal to confirm that it is suffering from the disease you have mentioned in (a) above. 3mks
4. Name any three animals affected by the disease 3mks

**SECTION C: (40MKS)**

**Answer any two questions in section C**

1. Describe mastitis disease under the following sub headings
2. Animals attacked 1mk
3. Predisposing factors 6mks
4. Symptoms 7mks
5. Control and treatment 6mks
6. Describe the castration of livestock 20mks
7. Describe factors that a farmer should consider when constructing farm structures. 10mks
8. Explain the uses of fences in a farm 10mks