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

**GATITU MIXED SECONDARY SCHOOL**

**AGRICULTURE FORM 1 3RD TERM 2013**

**TIME: 2 HRS**

**SECTION A(40MKS)**

**ANSWER ALL THE QUESTIONS ON THIS PAPER.**

1. Give four ways in which wind affects the growth of crops. 4mks
2. State four environmental conditions that may lead to poor crop yields. 4mks
3. Names three aspects of light that influence crop growth. 3mks
4. State three farming practices that help to reduce the effect of water shortage in crops. 3mks
5. Give four human factors that influence production and distribution of crops and livestock. 4mks
6. State three conditions that make land clearing necessary. 3mks
7. What are three advantages of primary cultivation? 3mks
8. Give three factors which determine the depth of ploughing. 3mks
9. State three advantage of ridging. 3mks
10. Give three ways of conserving water for livestock use. 3mks
11. Name three methods by which water can be conveyed from the place of storage to where it is needed include. 3mks
12. Give the origin of the following livestock
13. Fresian 1mk
14. Jersey 1mk
15. Ayshire 1mk

**SECTION B(30 MKS)**

**ANSWER ALL THE QUESTION IN THIS SECTION**

1. Give six characteristics of dairy cattle. 6mks
2. Study the diagrams below of farm tools and answer the questions that follow
3. Identify the tools illustration above 2mks
4. Give the functional differences between tools A and B. 2mks
5. State four precautions taken when using farm tools. 4mks
6. State four uses of farm records 4mks
7. Name four types of records a dairy farmer should keep? 4mks
8. Study the diagram below of a compost making method and answer the questions that follow
9. Name the two methods used in compost making. 2mks
10. Give three factors to be considered in preparation of compost manure as shown in diagram. 3mks
11. Give one importance of the following in compost preparation.
12. Stick 1mk
13. Wood ash 1mk
14. Rotten manure 1mk