**GATITU DAY MIXED SECONDARY SCHOOL**

**AGRICULTURE FORM 1**

**END TERM 2 EXAM 2015 TIME: 1 HR 50 MKS**

1. Define the term agriculture engineering (2mks)
2. Give 5 methods of farming (5mks)
3. Explain 5 roles of agriculture in kenya’s economy (10mks)
4. Give 3 aspects of rainfall (3mks)
5. Give 5 effects of strong winds (5mks)
6. Give 3 forms of soil water (3mks)
7. Give 2 types of soil structure (2mks)
8. Give 4 ways of modifying soil PH (4mks)
9. Differentiate between a tool and equipment (2mks)
10. Give 4 categories of garden tools and equipment (4mks)
11. Give the functions of the following tools. (6mks)
12. Dibber

b.Garden trowel

c. Levelling board

d. milking pail

e. milk churn

f. strip cup

1. Give 4 care and maintenance of saws (4mks)
2. List **four** reasons for cultivating land before planting 4mks
3. State **four** disadvantages of minimum tillage 4mks

1. State **four** physical conditions of the seedbed that need to be changed to facilitate germination 4mks
2. Give **two** reasons why it is advisable to cultivate the field during the dry season 2mks
3. List four advantages of timely planting 4mks
4. State any **two** factors that determine the number of cultivation on a field before it is ready for planting 2mks

1. State **four** factors determining the depth of ploughing land 4mks
2. Land preparation entails **SIX** farming practices. Name them 6mks