**GATITU DAY MIXED SECONDARY SCHOOL**

**AGRICULTURE FORM 1 TERM 3 MID TERM EXAM 2014**

1. Explain the meaning of the following terms:

a. shifting cultivation (2mks)

b. organic forestry (2mks)

c. agroforesrty (2mks)

 d. extensive system of farming (2mks)

e. intensive system of farming (2mks)

1. a, What is soil profile (1mk)

b. Draw a well labeled diagram of a soil profile. (4mks)

1. State three properties of clay soil (3mks)

b. What is the use of the following tools and equipment in the farm?

i. Soil Auger (1mk)

ii. Secateurs (1mk)

iii. Sash clamp (1mk)

iv. Pipe Cutter (1mk)

v. Center punch (1mk)

 C.. Give two reasons why farmers should maintain tools and equipment. (2mks

1. Give five categories of farm tools and equipment. (5mks)
2. List 5 farming practice that could be used to improve soil structure. 5mks
3. Explain four biotic factors influencing agriculture. 8mks
4. State five various ways by which wind affects crop production 5mks
5. Name the appropriate tool for each of the following practices. 4mks
6. Cutting thin pieces of wire
7. Removing metal chips from a cold chisel
8. Cutting threads in metal pipes during plumbing
9. Collecting blood samples from animals for laboratory analysis.