**GATITU DAY MIXED SEC SCHOOL**

**AGRICULTURE FORM 4 C.A.T**

**TERM 2012**

**Time: 1 HR (50MKS)**

1. Define the term agriculture (2mks)
2. Why is Agriculture referred as an art (1mk)
3. Differentiate between olericulture and pomology (2mks)
4. Define the term soil (1mk)
5. What is transitional zone as used in soil profile (1mk)
6. Explain how living organisms influences soil formation (3mks)
7. Differentiate between a tool and an equipment (2mks)
8. Define the following terms as used in livestock production. (3mks)

i. Bullock

ii. Heifer

iii. Capon

9. Differentiate between macro and micro nutrients (2mks)

10. Define the term fertilizer grade (2mks)

11. Give the methods of soil sampling (1mk)

12. What is a seed (1mk)

13. Name three vegetative materials used in pineapple (3mks)

14. Give four factors that determines the depth of planting (2mks)

15. Give four importance of nursery in crop propagation (4mks)

16. Explain four factors considered when selecting a breeding stock (4mks)

17. Give three factors that leads to the swarming of bees (3mks)

18. Give **six** functions of a crush as used in livestock production (3mks)

19. Give **six** factors considered when choosing a rearing system in poultry (3mks)

20. Give the procedure used in bucket feeding (5mks)

21. Give **two** types of calf pen (2mks)