END OF TERM 1 EXAMS- 2013

AGRICULTURE FORM IV

**SECTION A**

*(Answer all the questions in this section*)

1. Outline four factors that may influence soil erosion (4mks)
2. .List four factors that influence supply of casual labour in farm (4mks)
3. What is land consolidation (1mk)
4. Give four ways to minimize grains losses in the stores(4mks)
5. State three farming activities that may cause pollution to water sources(3mks)
6. What is close season in crop production(1mk)
7. Outline three effects of soil organisms that benefit plant growth(3mks)
8. Explain the meaning of the following physical measures of control of soil erosion (3mks)
9. Stone lines
10. Trash lines

c) Bunds

1. Cite three biological weed control methods that have been used in Kenya against certain weeds (3mks)
2. State four control measures against maize streak virus(4mks)

**SECTION B ( 20mks)**

1. State four factors that affect the quality of hay (4mks)

b) Outline the procedure of hay making in the farm (4mks)

1. Name any three leguminous crops used for hay making(3mks)
2. a) Which material do we use to establish tea in the nursery(1mk)

b) Outline the procedure of plucking tea (3mks)

1. State the precautions observed when plucking tea(5mks)

**SECTION C (40marks)**

(*Answer any two questions from this section)*

13. a) Discus the concept of green manuring in the farm (15mks)

b) Explain the factors that affect the quality of farm yard manure (5mks)

14. Describe the different parts of an egg (20mks)

1. a) Describe the various field operation carried out in the management of grass pastures immediately after planting up to and including utilization.

b) Describe the establishment of sorghum for the fodder from seedbed preparation to utilization.