**ELERAI MCK GIRLS SECONDARY SCHOOL**

**PO BOX 435**

**SULTAN HAMUD**

***Motto “discipline and hard work for excellence****”*

**NAME…………………………………………………………………………..ADM………………**

**AGRICULTURE FORM 2**

**CAT 1 TERM1 2015**

**INSTRUCTIONS*:*** *Answer all questions*

**SECTION A: 30 MARKS**

1. State three reasons why agriculture is considered to be a science.(3mks)
2. State four biotic factors that are useful in agricultural production.(4mks)
3. List three methods used by farmers to reclaim marshy land.(3mks)
4. State the three forms of water found in the soil.(3mks)
5. Name two indigenous dairy breeds of goats.(2mks)
6. State four maintenance practices done on cutting tools.(4mks)
7. State two types of surface irrigation in crop production.(2mks)
8. Name two veterinary tools used when an animal is bloated.(2mks)
9. State two disadvantages of using fire in bush clearing.(2mks)
10. Define the following terms as used in livestock production.(2mks)
11. Capon
12. Gilt
13. State three conditions that favours shifting cultivation.(2mks)

**SECTION B (60MARKS)**

1. Discuss various methods through which the soil may lose its fertility

(.10 mks)

1. Discuss the importance of livestock rearing in Kenya.(10 mks)
2. List four characteristics of fertile soil.(5mks)
3. State the characteristics of plant that are used as green manure.(5mks)
4. Give five farming practices carried out during minimum tillage.(5mks)
5. List five ways a farmer can prevent water pollution in the farm.(5mks)
6. Describe the process of chemical water treatment in the farm.(12mks)
7. Discuss four reasons why farm tools and equipment should be properly be taken care of.(5mks)