**ELERAI MCK GIRLS SECONDARY SCHOOL**

**P O BOX 435**

**SULTAN HAMUD**

**AGRICULTURE PAPER**

**EXAM 1 TERM1 2015**

**FORM 3**

1. State **four** reasons for mulching as a nursery practice. (2mks)

2 List **three** breeds of goats kept for milk production. (11/2mks)

3. State **four** reasons for carrying out minimum tillage (2mks)

4. What is the function of each of the following ingredients in the preparation of compost manure?

(a) Wood ash (1 mk)

(b) Top soil (1 mk)

5. Define the following terms as used in pasture establishment.

(a) Seed inoculation (1mk)

(b) Over sowing (1mk)

6. State **two** factors that encourage forking in carrots. (1mk)

7. State **three** characteristics of dry concentrates (1½mks)

8. State **four** factors that favour shifting cultivation. (2mks)

9. (a) State **two** sources of water in an animal's body. (1½ mks)

(b) Give **two** functions of vitamins. (1 ½ mks)

10. State **three** factors that affect soil formation (1 ½ mks)

11 (a) Give **four** factors affecting maintenance ration required. (2mks)

(b) State **two** functions of the gizzard in birds digestive system (1mk)

12. Name **two** types of pruning carried out in tea (1 mk)

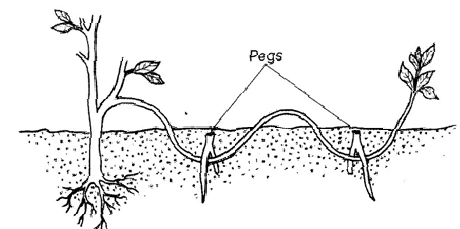
13 State **three** useful biotic facto that affect bean production (1 ½ mks)

14. Give **four** reasons for rearing livestock. (2mks)

15. List **four** general characteristics of dairy cattle breeds. (2mks)

16. State **four** effects of burning as a means of bush clearing. (2mks

17. Study the diagram below and answer the questions that follow.



(a) Identify the practice illustrated. ( ½ mks)

(b) State **three** ways of initiating faster root development. (1 ½ mks)

(c) State **two** conditions that necessitate the use of the practice above. (2mks)

18 A crop was spaced at 90cm x 30cm. calculate the plant population of this crop in a hectare of land. (2mks)

19. Below are diagrams labeled A and B. study them carefully and answer the questions that follow.



(a) Identify (1mk)

(b) Name the intermediate host of specimen A (1mk)

(c) Name the final host of specimen B. (1mk)

(d) State **two** control measures of the specimen A. (1mk)

20(a) State **six** reasons for carrying out proper crop rotation programme. (6mks)

(b) Discuss the characteristics of a good grain store (6mks)

(c) Outline **four** field practices carried out on beans. (4mks)

(d) State four way of preventing water pollution in the farm (4mk