END OF TERM 2 – 2019
AGRICULTURE

FORM 2

NAME…… ADM. NO……

1. Give four advantages of crop rotation
(2mks)

2. State two importance of drainage of land.
(1mk)

3. Give three reasons why primary cultivation should be done early before the onset of the rains.
(1 mks)

4. Give four roles of nitrogen in plants.
(2mks)

5. State four roles of mulch in soil and water conservation.
   (2mks)

6. State four advantages of drip irrigation.
   (2mks)

7. State two positive effects of high temperatures crop production.
   (2mks)

8. Give four reasons why seeds may fail to germinate after planting.
   (2mks)

9. State two factors that affect the rooting of cuttings in tea and sugar cane. (2mks)

10. Give two ways of controlling damping off in vegetable nursery. (2mks)

11. Name four materials required during budding in crop production. (2mks)

12. Give four roles of micro-organisms in the soil that are beneficial to crops. (2mks)

13. Give a reason for carrying out each of the following practices in tomato nursery.

i) Pricking out.
(1mk)

ii) Hardening off
(1mk)

14. State **three** why burning as a method of land clearing should be discouraged. (1 mks)

15. State **four** factors which influence the quality of farm yard manure. (FYM) (2mks)

16. Give **four** ways through which soil may lose nutrients. (2mks)

17. State **four** reasons for pruning in tomato production. (2mks)

18. What are the uses of the following tools?
(3mks)

a) Strip cup

b) Gardeners

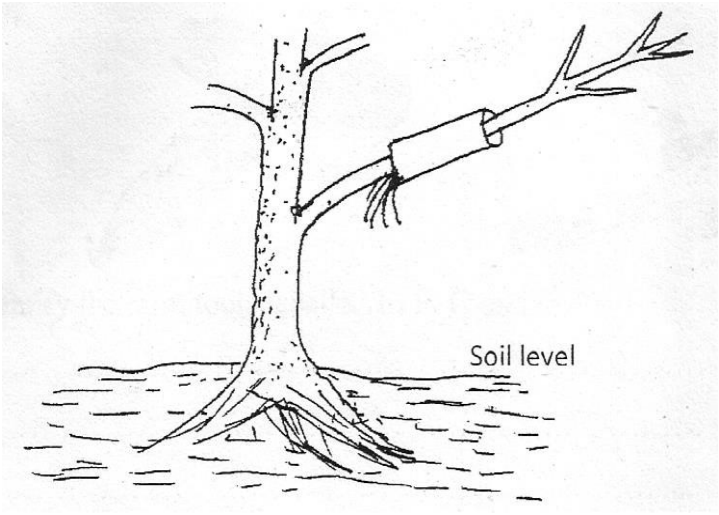
c) Calipers

19. Mention **four** breeds of pigs reared by farmers in Kenya.
(2mks)

20. a) Name the tool use together with a rubber ring.
(mk)

b) List **three** uses of a rubber – ring livestock production.
(1 mks)

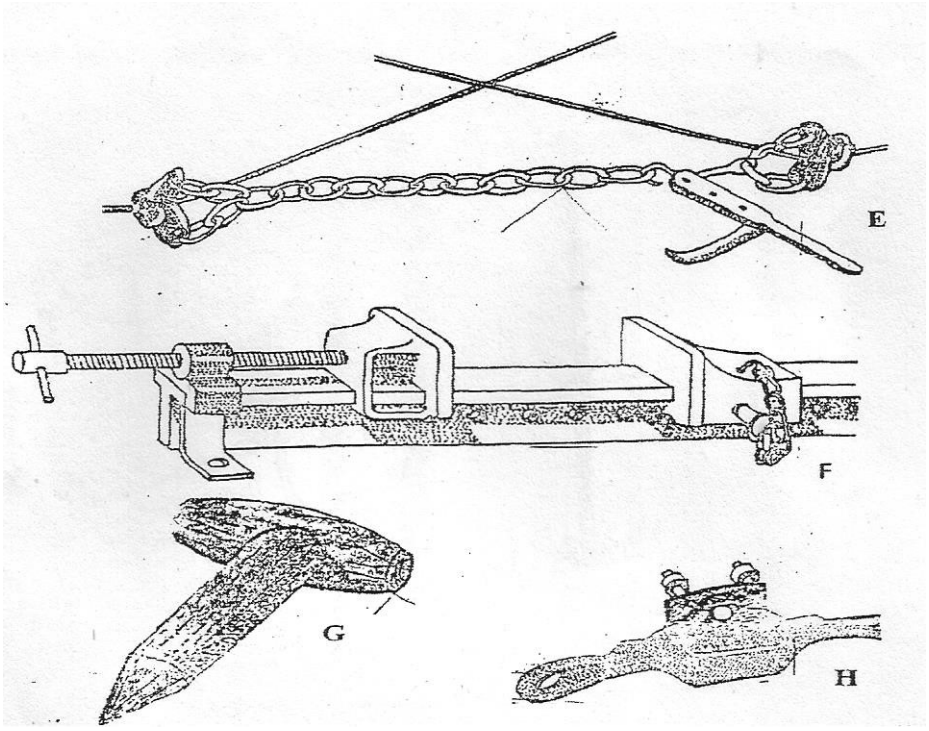
21. The diagram **below** shows a method of crop propagation.



a) Identify the propagation method illustrated above.
(1mk)

b) State **three** ways of initiating faster root development in propagation method illustrated.
(3mks)

22. Below are illustrations of farm tools



a) Identify the tools labeled **E, F, G** and **H**

(2mks)

E……..

F……..

G……..

H……..

b) State the use of the tools labeled **E, F** and **G**

(3mks)

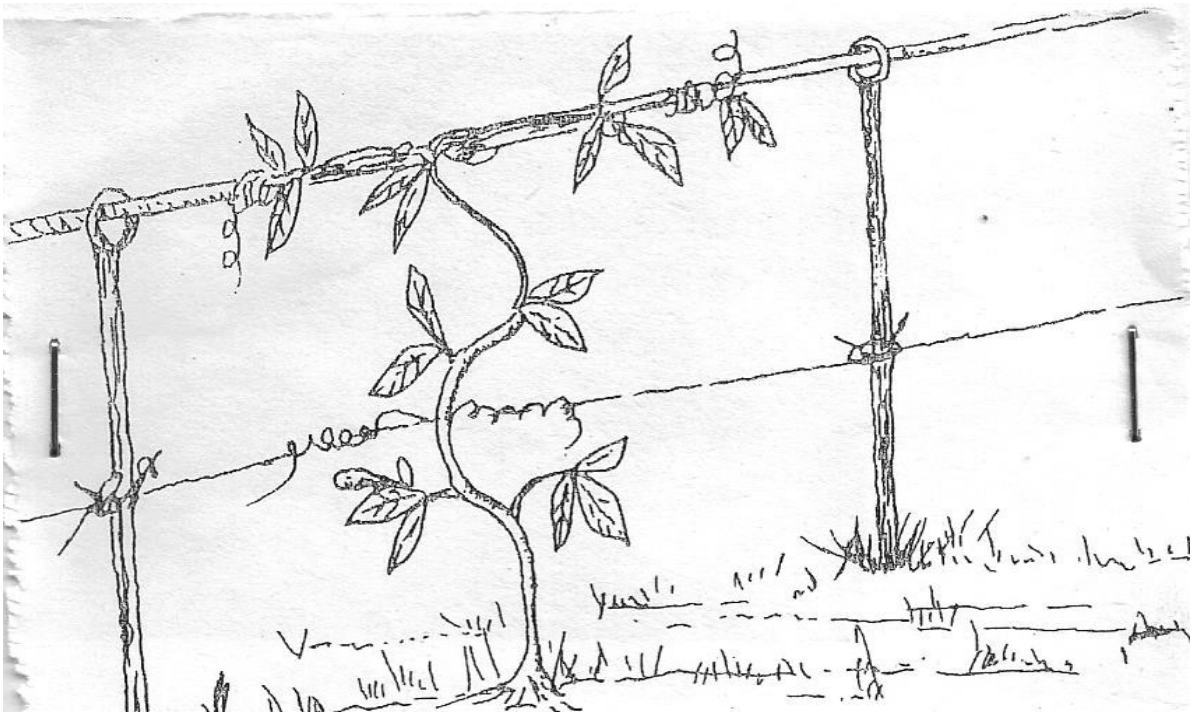
E……
……
……

F……
……

G……
….
……

c) Give **one** maintenance practice of the tool labeled **F.**
(1mk)

23. The photograph below shows a farming practice. Study it and answer the questions that follow.

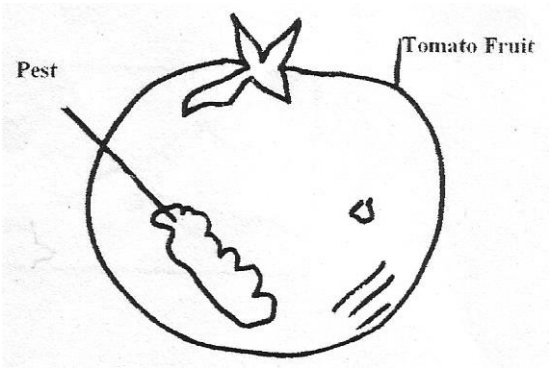


i) Name the practice.
(1mk)

ii) Name one crop to which the practice is applicable.
(1mk)

iii) Give TWO benefits of the practice above.
(2mks)

24. Study the diagram illustrated below and answer the questions that follow.

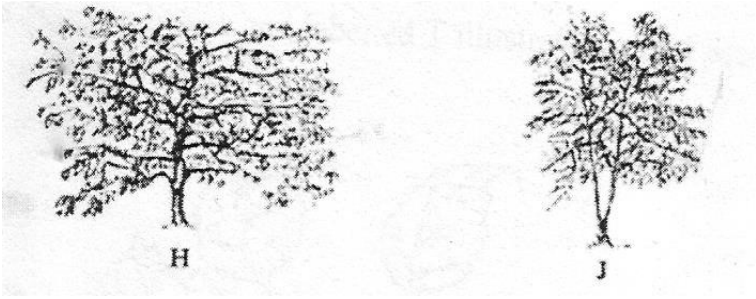


a) Identify the pest.
(1mk)

b) Explain how the pest causes damage to the crop.
(1mk)

c) Outline **three** control measures of the pest.
(3mks)

25. The diagrams below labeled H and J are illustrations of coffee plants using two different pruning systems. Examine them closely and answer the questions that follow.

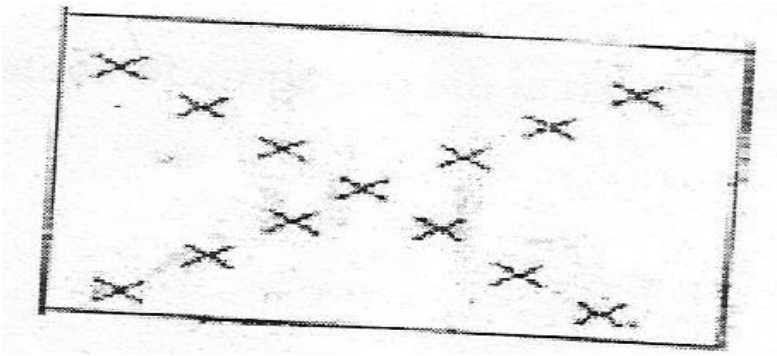


a) Name the pruning system illustrated by the diagrams H and J
(1mks)

b) Give two advantages of pruning system illustrated by diagram H over that one illustrated by diagram J.
(2mks)

c) Name two types of pruning that should be carried out after the coffee bush has been established using the system J.
(2mks)

26. The diagram below shows a method of soil sampling.

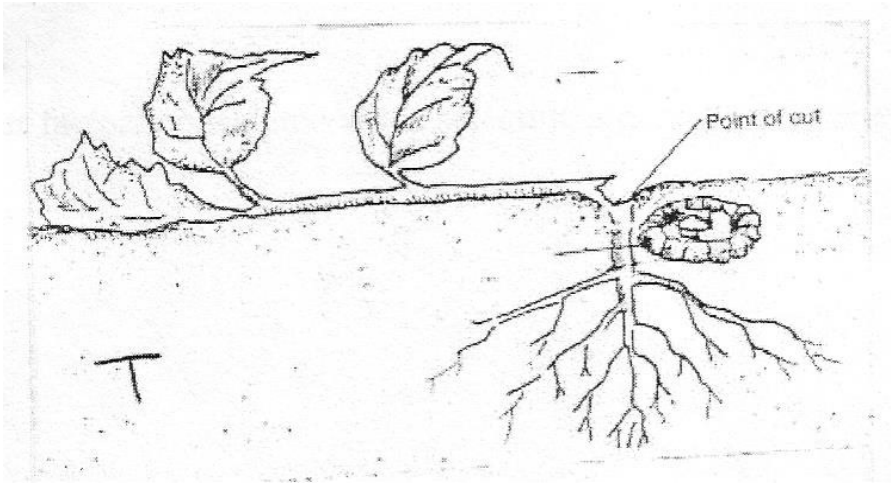


a) Identify the method
(1mk)

b) Mention **four** areas to avoid soil sampling.
(2mks)

c) Give **two** reasons for soil sampling.
(2mks)

27. The diagram below and labeled T illustrates a field pest. Study the diagram carefully and answer the questions that follow.



a) Identify the pest.
(1mk)

b) State a non – chemical method used to control the pest you have identified above.
(1mk)

c) Name **two** vegetable crops damaged by the pest above.
(2mks)

d) At what stage of crops growth is the pest more damaging?
(1mk)

28. Explain **five** post - harvest practices in grains before storage.
(10mks)

29. a) Outline four factors considered when selecting a good nursery site.
(4mks)

b) Explain eight ways in which soil fertility can be maintained.

(8mks)

30. Describe the body conformation features of beef cattle.

(5mks)