

FOCUS A365

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FORM 4 TERM 1 AGRICULTURE PPI EXAMINATIONS 2018

NAME: _____ ADM NO: _____ CLASS: _____

SECTION A

1. Give 4 limitations of pastoral farming in Kenya. (2mks)
2. Give three reasons of growing crops under optimum temperature conditions. (1 ½ mks)
3. State two mechanical methods of separating soil particles according to size during soil analysis. (1mk)

4. List four farming practices that may help in achieving minimum tillage in crop production. (2mks)

5. State three types of surface irrigation in crop production (1 ½ mks)

6. State four ways in which burning of vegetation may lead to loss of soil fertility. (2mks)

7. State four reasons of keeping health records in livestock production. (2mks)

8. List four factors that determine the amount of fertilizer to be top dressed to a crop in the field. (2mks)

9. Give four disadvantages of planting seeds using broadcasting method. (2mks)

10. Outline four ways of controlling damping off disease on vegetable seedlings in a nursery bed (2mks)

11. State four reasons for pruning fruit crop (2mks)

12. Give four factors considered when grading tomatoes for fresh market. (2mks)

13. List four practices which encourage soil erosion. (2mks)

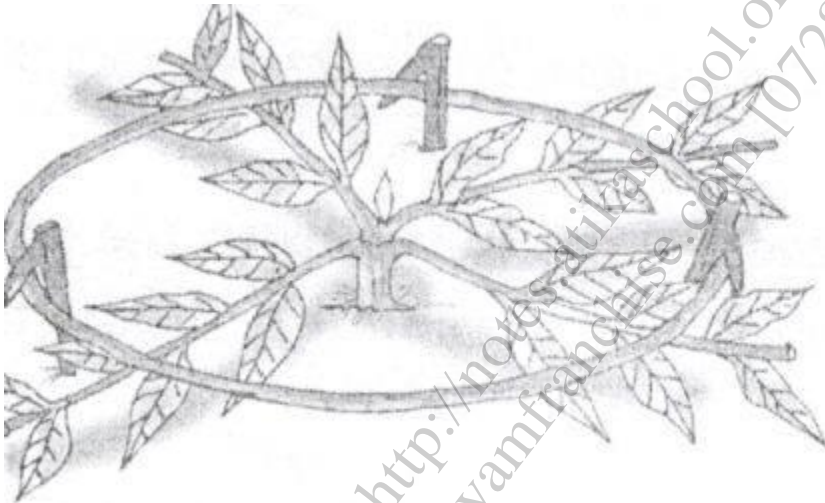
14. State four factors that contributes to competitive ability of the weeds. (2mks)

15. Give three land reform methods practiced in Kenya (1 ½ mks)

16. List three factors that should e considered when classifying crop pests. (1 ½ mks)

17. State two advantages of under sowing in pasture production. (1mk)

18. The diagram below shows a method of bringing tea into bearing. Study it carefully and answer the question that follows.



- i) Identify the method (1/2 mk)

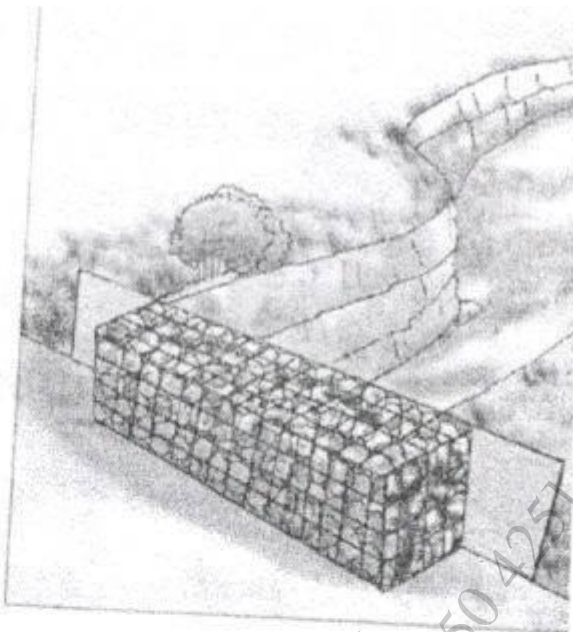
- ii) Why is it necessary to prune young tea? (2mks)

- iii) Outline the procedure followed when using pruning method. (2 ½ mks)

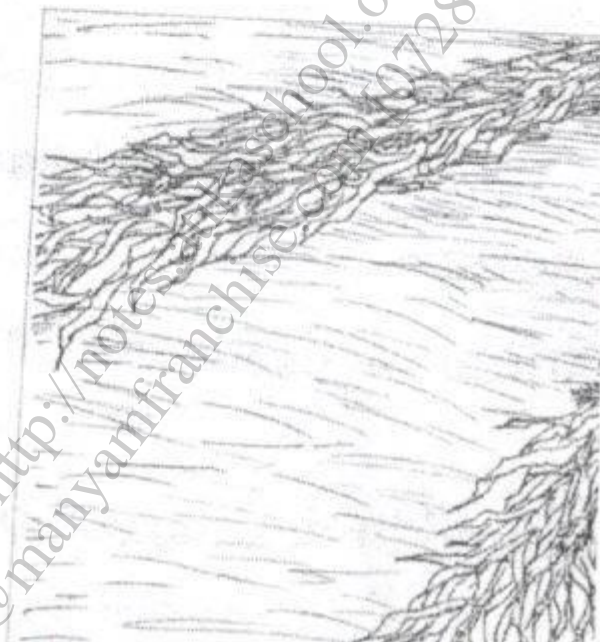
19. The illustration A and B shows some structures used in soil and water conservation. Use them to answer the question that follows.

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A



B



a) Identify the structures (1mk)

b) Name the type of soil erosion controlled by each of the structures. (2mks)

c) State two ways in which the structures control soil erosion. (1mk)

d) Give two materials that can be used to construct structure A. (1mk)

20. The diagrams G and H below show some weeds.

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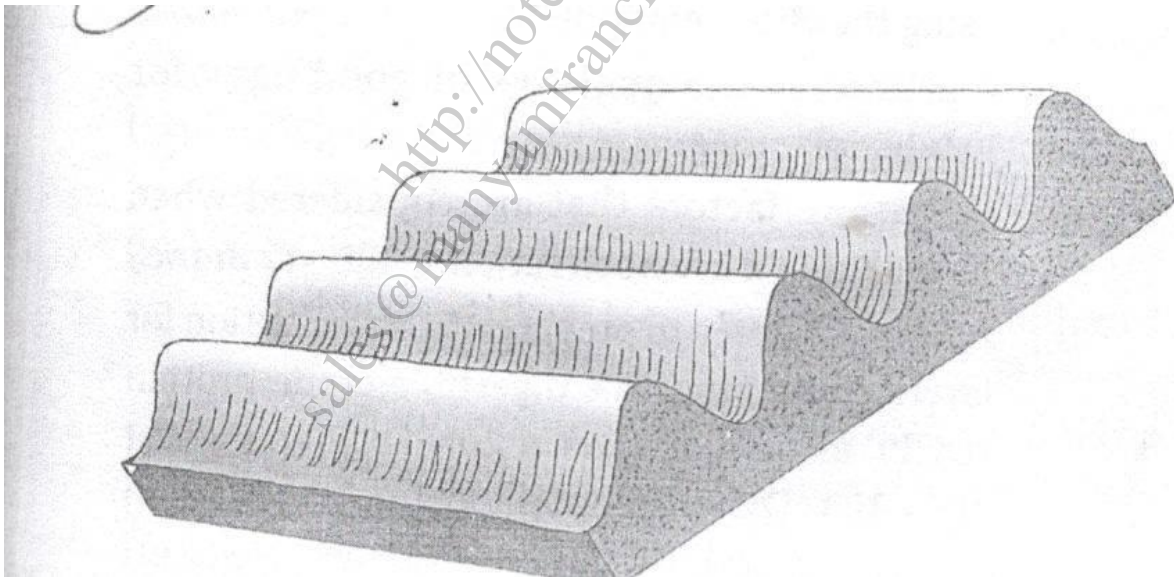
a) Identify the weeds. (2mks)

b) State one economic importance of weed H. (1mk)

c) Why is it difficult to control weed G (1mk)

d) Name two examples of systemic herbicides which can be used to control weed. (1mk)

21. The diagram below shows a field practice which is carried out during cultivation.



a) Identify the practice (1mk)

b) Name four crops that require the above practice (2mks)

c) State four benefits of the above practice in farming (2mks)

22. a) State and explain five causes of land fragmentation in Kenya since independence (10mks)
- b) Give 5 examples of minimum tillage (5mks)
- c) Give the contribution of settlement schemes to agricultural development. (5mks)
23. a) Outline five factors considered when selecting planting material. (5mks)
- b) Describe how the following physical measures in soil and water conservation. (8mks)
- i) Bunds
 - ii) Trash lines
 - iii) Check dams
 - iv) Stone lines
- c) Outline seven cultural methods of controlling pests in the farm. (7mks)
24. a) State and explain five factors which may influence spacing of crop. (10mks)
- b) State and explain five advantages of crop rotation. (10mks)