CROP PRODUCTION IV (Field Mngt)

KCSE QUICK REVISION

Compilation of Possible Questions in Agriculture Likely to be Examined in KCSE.

A Special Analysis of Prediction Questions that may be Tested in KCSE from this Topic in Form 2.

AGRICULTURE

SERIES 1

For Marking Schemes

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CROP PRODUCTION IV

(FIELD MANAGEMENT PRACTICES)

This topic entails the following:

- ✓ **Crop rotation**
- ✓ **Reasons for crop rotations**
- ✓ **Crop rotation programme**
- ✓ **Terms used in crop farming**
- ✓ **Mulching**
- ✓ **Reasons for various field management practices**
- ✓ **Correct stage for harvesting crops**
- ✓ **Harvesting practices of various crops.**

The following relevant questions and their answers in this topic will greatly motivate and help the user to comprehend and understand the required concepts and practices:

1. State four reasons for pruning fruit crops **(2mks)**

2. Give two reasons for drying grains before storage. **(2mks)**

3. (a) Why is training done in some crops. **(1mk)**

(b) Name two crops, which require training.

4. State two factors that determine the stage at which a grain crop is ready for harvesting **(1mk)**

5. State four benefits of using organic matter for mulching, sounds **(2mks)**

6. State two ways in which inorganic mulch helps to conserve moisture in the soil **(1mk)**

7. (a) What is crop rotation? **(1mk)**

(b) State three advantages of crop rotation. **(1mk)**

(c) State three factors considered when designing a crop rotation programme **(2mks)**

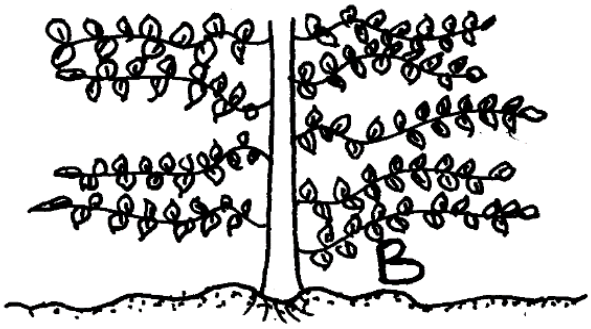
8. Distinguish between **staking** and **propping** as a field management practice on crops

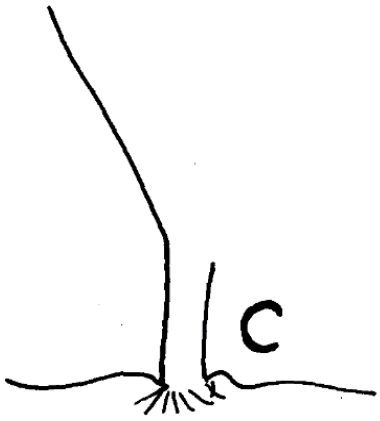
9. Explain five advantages of crop rotation

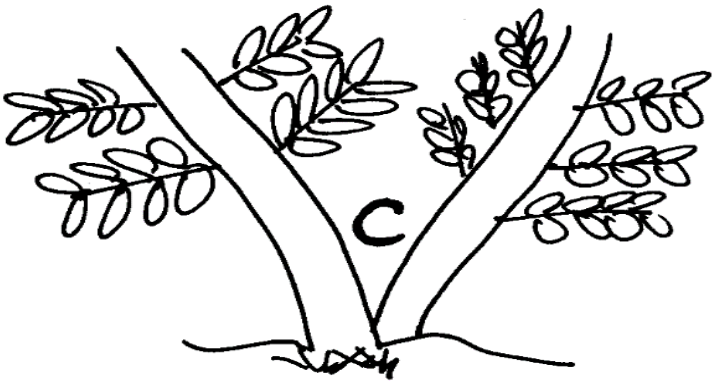
10. State **four** factors which influence the stage at which the crops are harvested

11. The diagrams labelled **B** and **C** below are illustrations of coffee plants established using two different formative pruning systems.

Examine the diagrams and answer the questions that follow:-







(a) Identify the system of pruning illustrated in **B**

(b) Identify the system of pruning in **C**

(c) Outline the procedure of how pruning in diagram **C** is carried out

12. Give **two** functions of earthing up in crop production

13. Describe the factors which determine the stage of harvesting of crops

14. Give **two** ways in which inorganic much helps to conserve water

15. State **four** factors that determine the spacing of annual crops

16. Explain the importance of each of the following practices:

(i) Hardening off

(ii) Pricking out

(iii) Gapping

17. Outline **two** factors that determine the stage of harvesting crops

18. (a) List **four** factors that determine harvesting sage of a crop

(b) Give **four** practices that can be used to control storage pests

19. List **four** benefits of pruning in crop production

20. (a) What is winnowing?

(b) Give **one** importance of the following practices:

(i) Mulching

(ii) Threshing

(c) Which factors are considered when carrying out a crop rotation program?

21. What is frelishing?

22. Briefly explain how each of the factors listed below will determine the stage at which a crop is harvested

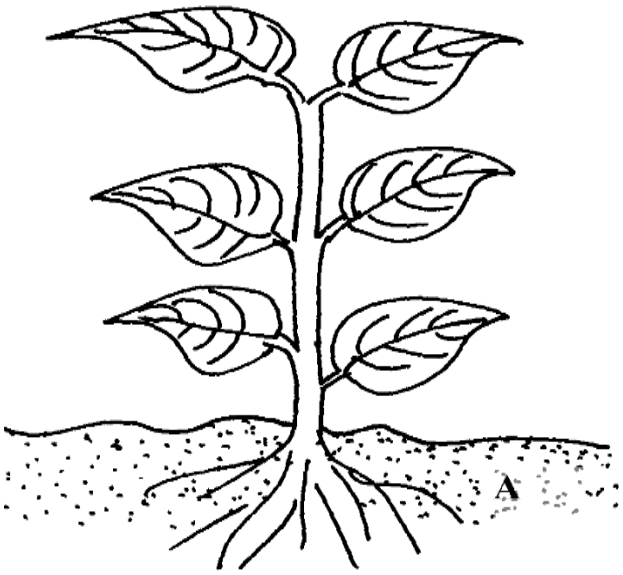
(a) Intended use of the crop

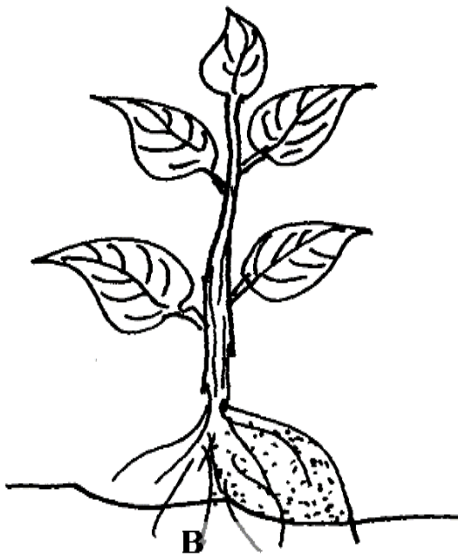
(b) Market demand

23. What is roguering in crop production?

24. What is meant by the term "changing the cycle" in coffee growing?

25. The diagram below shows a practice carried out on various crops on the farm. Study them carefully and answer the questions that follow;





(a) Identify the farm practice represented by **B**

(b) State the importance of the above practice in the following crops;

(i) Maize

(ii) Irish potatoes

(c) At what stage of growth should the above practice be carried out in maize?

26. Mention **four** factors which determine the stage at which crops are harvested

27. State **two** limitation of using polythene sheets as mulching materials in a field of tomatoes

28. Give **two** management practices carried in a banana stool

29. State **two** functions of polythene sheet when used as mulch material

30. Give **four** crops requiring training

THE END

FOR MORE RESOURCES

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