

KCSE TRIAL 2021

AGRICULTURE PAPER 1

SECTION: A 30 MARKS

Answer all the questions from this section.

1. Give TWO forms of collective land tenure system in Kenya. (1 mark)

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2. State TWO causes of hard pans in a crop field. (1 mark)

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3. Define the following the term economic injury level as used in pest management. (1 mark)

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4. Name the disease which cause a mass of dark spores on flowering parts of maize. (½ mark)

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5. Give the reasons the following practices are carried out in pastures. (1 mark)
a) Top dressing

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- b) Topping.

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6. Give TWO fresh market varieties of carrots. (1 mark)

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7. Distinguish between seed dressing seed inoculation. (1 mark)

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8. a) What is biological weed control? (1 mark)

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b) TWO advantages of biological weed control. (1 mark)

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9. State FOUR uses of gross margin analysis in agricultural production. (2 marks)

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10. State FOUR uses of a green house in a farm. (2 marks)

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11. Name a crop that will require the following training. (1 mark)

a) Propping

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b) Trellising

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12. State FOUR soil factors that would influence the crop grown by the farmer. (2 marks)

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13. a) What is elasticity of demand? (1 mark)

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b) State FOUR reasons why an agricultural commodity may have its price elastic.

(2 marks)

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18. Differentiate between a cash book and a ledger. (1 mark)

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19. State TWO biological methods of weed control. (1 mark)

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20. State FOUR effects of late defoliation. (2 marks)

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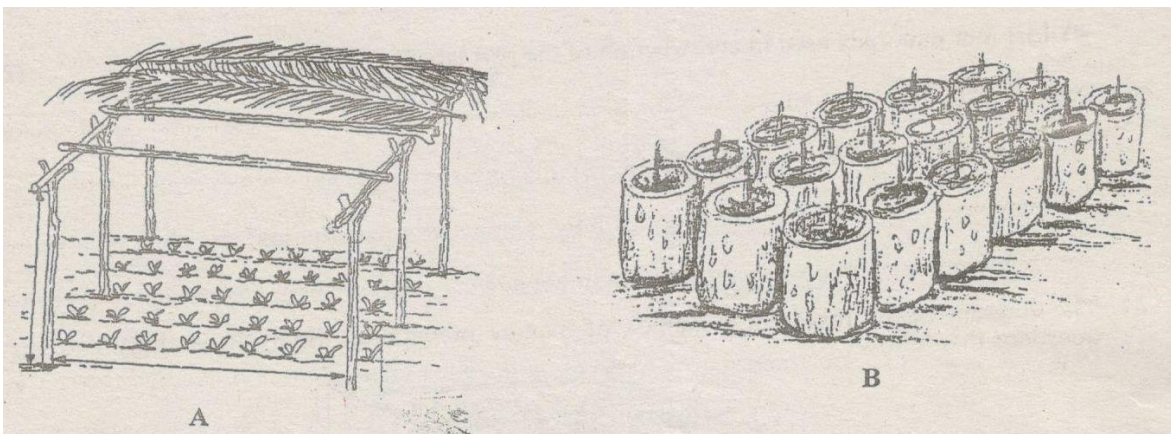
21. How does foreign exchange earned from agriculture contribute to economic development? (1 mark)

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SECTION B: 20 MARKS

Answer all the questions from this section.

22. The diagram below illustrates methods of raising seedlings. Study it and answer the questions that follow.



a) State THREE advantages of using crop propagation method shown in diagram B and A.

(3 marks)

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b) List TWO materials used to prepare the rooting medium in diagram B above. (2 marks)

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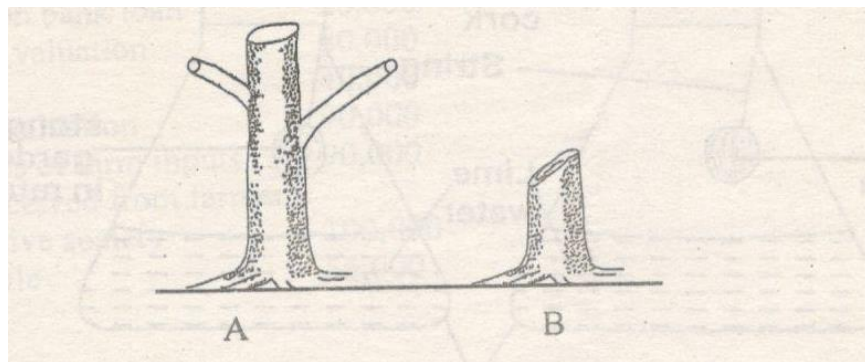
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c) Which practice is carried out two weeks before transplanting seedlings from diagram A?
(1 mark)

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23. The diagram below illustrate methods of tree harvesting.



a) Identify the methods of trees harvesting illustrated above. (1 mark)

A-

B-

b) Name THREE products the farmer can get after carrying out the practice illustrated above. (1½ marks)

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24. The diagram below shows a weed. Study it then answer questions below it.



a) Identify the weed. (1 mark)

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b) Why is it difficult to control the above weed? (1 mark)

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c) State TWO effect of weed named in (a) above in management and utilization of pasture. (2 marks)

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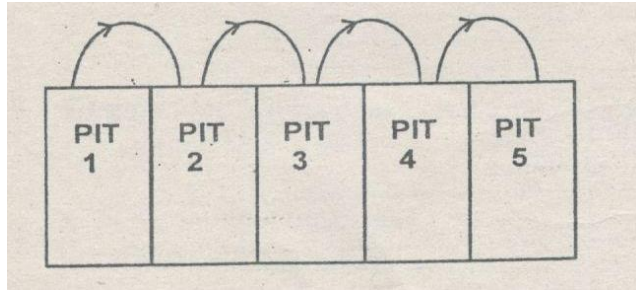
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d) Name one parasitic weed that affects cereals. (1 mark)

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25. The method below shows a method used in preparation of compost manure. Study it and answer the questions that follow.



a) Name the illustrated method. (1 mark)

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b) Give TWO factors to consider when siting the area to establish the method. (2 marks)

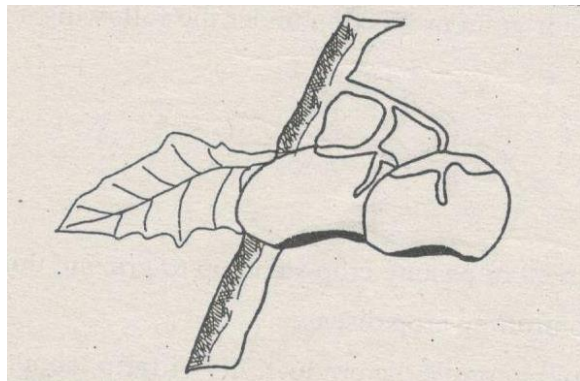
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c) What do the arrows represent? (1 mark)

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26. a) Identify the condition illustrated below as observed in the field production of tomatoes.

(1 mark)



b) State TWO conditions that predisposes a tomato plant to the condition stated in (a) above. (1 mark)

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