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)
2. State TWO causes of hard pans in a crop field.	(1 mark)
3. Define the following the term economic injury level as used in pest ma	anagement.
	(1 mark)
4. Name the disease which cause a mass of dark spores on flowering par	ts of maize.
	(½ mark)
5. Give the reasons the following practices are carried out in pastures.a) Top dressing	(1 mark)
b) Topping.	

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6.	Give TWO fresh market varieties of carrots.	(1 mark)
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)
11. Name a crop that will require the following training.a) Propping	(1 mark)
b) Trelishing	
12. State FOUR soil factors that would influence the crop grown by the farmer	
13. a) What is elasticity of demand?	(1 mark)
b) State FOUR reasons why an agricultural commodity may have its price	elastic. (2 marks)
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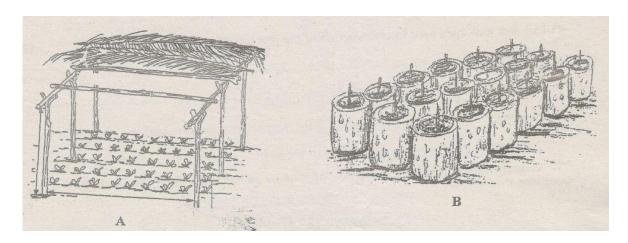
14. State TWO factors that favour surface irrigation.	(1 mark)	
15. a. Give FOUR characteristics of a crop that a farmer would use to prepare		
b. Mention any TWO crops that can be used as a green manure crop.	(1 mark)	
16. State TWO problems experienced by failing to carry out cutting back in py	yrethrum. (1 mark)	
17. Give THREE conditions which make it necessary to use a nursery in a crop		
establishment.	(1½ mark)	

18. Differentiate between a cash book and a ledger.	(1 mark)
19. State TWO biological methods of weed control.	(1 mark)
20. State FOUR effects of late defoliation.	(2 marks)
21. How does foreign exchange earned from agriculture contribute to econom	
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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.



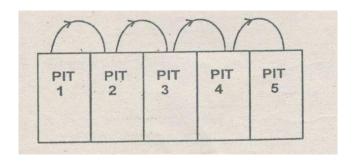
a)	State THREE advantages of using crop propagation method shown in diag	ram B and A.
		(3 marks)
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b)	List TWO materials used to prepare the rooting medium in diagram B above	ve. (2 marks)
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c)	Which practice is carried out two weeks before transplanting seedlings fro	m diagram A?
23.	. The diagram below illustrate methods of tree harvesting.	
	A B	
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 i 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)
b)	Why is it difficult to control the above weed?	(1 mark)
 c)	State TWO effect of weed named in (a) above in management and utilizat	
		(1 mark)
25	The method below shows a method used in preparation of compost manuranswer the questions that follow.	



a)	Name the illustrated method.	(1 mark)
b)	Give TWO factors to consider when siting the area to establish t	he method. (2 marks)
c)	What do the arrows represent?	(1 mark)
 26	. a) Identify the condition illustrated below as observed in the field	d production of tomatoes.
	b) State TWO conditions that predisposes a tomato plant to the c	ondition stated in (a)

c) Suggest TWO ways of controlling bacterial wilt in tomatoes.	(1 mark)
ECTION C- 40 MARKS	
nswer any TWO questions in this section.	
27. a) Explain THREE soil properties that are influenced by soil texture.	(6 marks)
b. Discuss the importance of timely weed control.	(5 marks)

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c. Explain water management in a flooded rice field.	(9 marks)
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28. a) Explain SIX roles of a farm manager in agricultural production.	(6 marks)
b) Explain that factors that are considered when selecting a farm enterprise	e. (14 marks)

	(12 marks)
29.a) Discuss establishment and management of grass pasture crop stand	up to grazing.

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b. Mention and discuss FOUR agencies involved in marketing agricultural	produce.
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