Name:	Index No:
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	Date

## Muungano KCSE Trial Exam

443/1 AGRICULTURE PAPER 1 July 2017 2 Hours

## **INSTRUCTIONS TO CANDIDATES**

Write your name and index in the spaces provided.

This paper consists of **THREE** sections **A**, **B** and **C**,

Answer all the questions in sections **A** and **B** and **ANY TWO** questions in sections **C**. Answers should be written in the spaces provided.

For Examiner's Use Only

Section	Question	Maximum Score	Candidates Score
Ayre	1 – 16	30	
B	17 - 19	20	
С	20 - 22	20	
		20	
Tota	l Score	90	

This paper consists of 8 printed Pages

Candidates should check the question paper, to ensure that all the pages are printed as indicated; and no questions are missing

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## **SECTION A (30 Marks)**

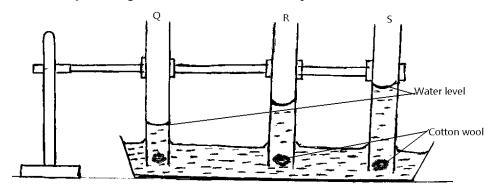
## Answer **ALL** questions from this section.

1. <i>Distinguish</i> between pastoralist and nomadic as used in livestock production.	(1mk)
2. <i>List any Four</i> advantages of mixed farming	(2mks)
3. Give two reasons why agriculture is important to the economy of Kenya.	(1mk)
4. <i>List four climatic factors</i> that influence crop production.	(2mks)
y e O Y	
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5. Name two types of credit given to farmers in Kenya.	(2mks)
ast Q*	
6. Give two reasons why staking as a field management practice should be carried out in vegetable crops	some (2mks)
7. Give two importance of keeping health records.	(2mks)
8. <i>Name two aspects</i> of light that affect crop production.	(1mk)
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9. <i>Give the importance</i> of a land title deed.	(3mks)
10. <i>Name four structures</i> that can be used to store water in a farm	(2mks)
11. State two functions of terraces in soil and water conservation	(2mks)
12. Name the classes of weeds according to plant morphology.	(2mks)
"Kop"	
13. a) What do you understand by the term integrated pest management (IPM)?	(1mk)
b) List two factors that affect efficiency of pesticides in crop production.	(1mk)
-0 0000	
14. List four factors that influence solifluction.	(2mks)
15. <i>List four important</i> details contained in an invoice.	(2mks)

	dered before deciding on irrigation in crop production. (2mks)
<u>SEC'</u>	<u> TION B: (20 Marks)</u>
Answer ALL the question	ons in this section in the spaces provided
17. The diagram below shows a physiology that follow:-	Tomato fruit  Water soaked, blister-like portion
a) <i>Identify</i> the disease illustrated a	above. (1mk)
b) Give three causes of the condit	
ko,	
c) Suggest two control measures of	of the disease. (2mks)

18. The diagram below shows an experiment set up using soil type Q, R, S, and observations made after 24 hours. **Study** the diagram below and answer the questions that follow.



	(a)	The experiment set up above is designed to <i>study what</i> ?	(1mk)
•••••	(b)	Name the three soil types Q, R, S.	(3mks)
	Q	oastl <sup>oo</sup> t	
•••••	R	e except	
	S	Name the three soil types $Q$ , $R$ , $S$ .  That are the characteristic texture of soil type $R$ and $S$ ?	
	(c) <b>W</b>	That are the characteristic texture of soil type $R$ and $S$ ?	
	R	Osloris	(1mk)
	S	mat are the characteristic texture of soil type R and S?	(1mk)
19.		Explain four ways how land reform has contributed to the improvement of conduction in Kenya.	erop (4mks)

	(b) <i>I</i>	Discuss four contributions the settlement schemes have made to	Kenya's agriculture.
			(4mks)
		SECTION C: (40 MARKS):	COM
		Answer ANY two questions in this section in the spaces pro	ðvided:
20	(	and the second s	
20.	()	(a) <b>Discuss the harvesting</b> of cotton under the following sub head	_
		(i) Stage of harvesting.	(3mks)
		(ii) Method and procedure of harvesting.	(4mks)
	<i>a</i> >	(iii) Precautions in harvesting.	(3mks)
	(b)	Explain how various field practices help to control crop disea	ases. (10mks)
21.	Desc	cribe the production of beans under the following sub headings.	
	(a)	Ecological requirements	(4mks)
	(b)	Seedbed preparation	(5mks)
	(c)	Planting	(5mks)
	(d)	Pest and pest control	(6mks)
		Pest and pest control	
22.	(a) <b>E</b>	Explain five advantages of mulching in crop production	(5mks)
	(b) <b>(</b>	Outline five activities that may be undertaken in organic farming	(5mks)
	$(c) \mathbf{L}$	Discuss ten benefits a farmer is likely to get using vegetative prop	pagation in production
	of or	ranges	(10mks)
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