NAME			IND	EX NO	
SCHOOL			CANDIDATE'S SIGN	IATURE	
443/1					
AGRICULTURE					
PAPER 1					
JAN/FEB 2013					
2 HOURS					papers.com
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		BUNYORE -	MARANDA EXAMIN	NATIONS	e
			AGRICULTURE		OSX.
			PAPER 1	ZX	
			2 HOURS	.0.20	
Instructions to					
<ol> <li>Your na</li> </ol>	me, school a	and administr	ation number in the	e spaces provided ab	ove
2. Sign and	d write index	x or Admissio	n Number in the spa	aces provided above	
<ol><li>This paper</li></ol>	er consists	of three secti	ons A, B and C	<b>J</b> .	
4. Answer	all the ques	tions in section	on A and B and any i	two questions from S	Section C
			, N		
		For	examiner's use only	!	
	Section	Questions	Maximum score	Candidates score	
	Α		er		

## **Instructions to candidates**

	Section	Questions	Maximum score	Candidates score	
	Α		O.Y.		
	В	Č	Q		
	С	Q			
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1.	List three types of vegetables	(1½mks)
2.	State four ways through which pests affect Agriculture	(2 mks
		<u>S</u>
		0,5
3.	Name four methods of controlling smuts disease in maize	(2mks)
	, sex	
	240	
4.	State four types of micro-catchments used in soil and water conservatio	n (2mks)
	<i>7</i> .	
5.	Outline the importance of keeping breeding records in dairy farming	
6.	Give a reason for each of the following practices during compost making	
	(i) Adding spil	, ,
	(ii) Adding farm yard manure	
	(iii) Adding ash	
•	470	
o <sub>k</sub>	(iv) Adding calcium ammonium nitrate	
7.	Define the following terms as used in pasture establishment	••••••••
	(i) Nurse crop	

	(ii) 	Over sowing	
8.	Outlii	ine utilization of Napier grass as a forage crop	(2mks)
9.	 Give	practices done to achieve single stem capped system pruning in	coffee production
10.	State	e two reasons for cutting back in pyrethrum production	(1mk)
11.	Give	four harmful effects of weds in crop production	(2mks)
12.	State	e <b>three</b> advantages of shifting cultivation	
13.	Give	<b>five</b> benefits of top –dressing in the management of grass pastu	re
14.	  Outli	ine how you would prepare a store for grain storage	
	Vo	& C	
ر 15.	 State	e four ways in which land reform can be implemented in Kenya	

16.	(a) Give two reasons for sub soiling	(1mk)
	(b) Give two reasons for leveling as a tertiary operation in land preparation	
	SECTION B (20 MARKS)	, com
47	Answer All the questions in this Section in the spaces provided	
17.	The illustration below shows a farm pest. Study it carefully and answer the quest that follow  Identify the pest	cions
(a)	Identify the pest	(1mk)
(b)	Classify the pest	(1mk)
(c)	Give four effects of pest	(4mks
	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
(d)	Give two physical methods of controlling the pest	
	e e	
18.	(a) Outline how you would mix a fungicide on the farm to spray on tomato crop	
•	4°C	
40x		
	(b) Give four precautions you would take when spraying the fungicide	(4mks

19. Outline how you would prepare a rooting mixture in tea production	(2mks)	
SECTION C 40 MARKS		
Answer any two questions from this section in the spaces provided after qu	uestion 22	
20. (a) Describe transplanting of tomatoes	(10 mks)	
	(10 mks)	
(b) Give ten reasons for keeping farm records	ر ک	
21. (a) Explain six factors that should be considered when selecting seeds for pla	<b>√</b> )	
(b) Describe how you would prepare seeds collect to establish Agroforestry i	)	
(a) Citable and a second secon	(5mks)	
(c) Give three reasons for chiting in potato production	(3mks)	
22. Describe bean production under the following sub headings	(6mks)	
(a) Selection and preparation of materials	(5.1.)	
(b) Planting	(4mks)	
(c) Weed control	(3mks)	
(d) Field management and harvesting	(7mks)	
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