Name:	Index no
School:	Candidate's sign
Date:	
442/1	
443/1	
AGRICULTURE	
PAPER 1	
JULY/AUGUST 2011	

BUSIA DISTRICT JOINT EVALUATION TEST

Kenya Certificate of Secondary Education (K.C.S.E.)

Agriculture Paper 1

TIME: 2 HOURS

INSTRUCTIONS TO CANDIDATES:

- Write your name and index number in the spaces provided.
- This paper consists of three section A,B and C
- Answer all the questions in section A and B
- Answer any two questions in section C.
- *Answers should be written in the spaces provided in this booklet.*

For Examiner's Use Only:

SECTION	QUESTIONS	MAXIMUM SCORE	CANDIDATES SCORE
A	1-17	30	
В	18-22	20	
С		20	
		20	
	TOTAL	90	

This paper consists of 8 printed pages. Candidates should check to ascertain that all papers are printed as indicated and that no questions are missing

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SECTION A: (30MARKS)

Answer all questions in this section in the spaces provided.

1.	Give four advantages of mixed farming.	(2mks)
2.	State two ways in which human health affects agricultural production.	(1mk)
3.	Name two agricultural organizations for the youth.	(1mk)
4.	State four importance of draining agricultural land.	(2mks)
5.	State four objectives of land reforms in Kenya.	(2mks)
6.	State four sources of agricultural credit to farmers.	(2mks)
7.	Give four effects of soil erosion.	(2mks)
8.	State three deficiency symptoms associated with potassium in crops	(1½mks)

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9. Give four advantages of land title deed to a farmer.	(2mks)
10. State three cultural Practices that can be used to control maize streak disease.	(1½mks)
11. State two precautions to be taken when harvesting cotton.	(1mk)
12. Give two disadvantages of minimum tillage.	(1mk)
13. State five benefits of Agroforestry trees.	(2½mks)
14. Give four types of records that can be kept by a crop farmer.	(2mks)
15. Give four factors that influence the quality of hay.	(2mks)
16. Give four reasons why seeds a may fail to germinate after planting.	(2mks)

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17. Give five functions of a farm Manager.	(2½mks)
SECTION B: (20 MARKS) Answers all questions in this section in the spaces provided. 18. The diagram below shows a method of crop propagation.	
Soil level (i) Identify the propagation method illustrated above	(1mb)
(i) Identify the propagation method illustrated above.	(1mk)
(ii) State three ways of initiating faster root development in propagation method illustrated. 19 The diagrams below shows, weeds.	(3mks)
	(1mk)
(a) Identify the weeds C and D. C	

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Form Four

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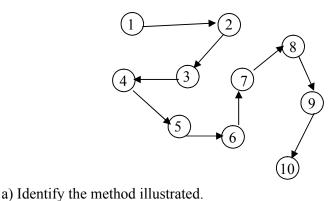
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- (i) Prepare the purchase order that Bidii farm made to valley agro-Vet.
- (7mks)
- (ii) Calculate the value of each item purchased and the total value of the order.
- $(3\frac{1}{2} \text{ mks})$

(1mk)

24. The diagram illustrates some method of collecting spoil samples from a field. Carefully study the illustration and answer the questions that follow.



- b) State **four** precautions that a farmer should take when collecting a representative soil sample. (4mks) c) Distinguish between soil sampling and soil testing. (2mks)
- d) Out line the procedure to be followed in preparing soil sample collected for laboratory testing. (4mks)
- e) Give **two** pieces of information that should accompany the soil sample. (2mks)
 f) Draw a well labeled diagram to illustrate soil profile. (7mks)

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