

Name: Index no

School: Candidate's sign

Date:

443/1
AGRICULTURE MOCK
PAPER 1
JULY/AUGUST 2014
TIME: 2 HOURS



ALLIANCE GIRLS HIGH SCHOOL

AGRICULTURE - MOCK

Paper 1
2 hours

INSTRUCTIONS TO CANDIDATES:

- Write your name and index number in the spaces provided.
- Sign and write the date of examination in the spaces provided.
- This paper consists of three sections A, B and C
- Answer all the questions in section A and B and any two questions from section C.
- This paper consists of 12 printed pages.
- Candidates should check the question paper to ascertain that all the pages are printed as indicated and that no questions are missing.

For Examiner's Use Only:

SECTION	QUESTIONS	MAXIMUM SCORE	CANDIDATES SCORE
A	1-17	30	
B	18-22	20	
C		20	
		20	
	TOTAL	90	

This paper consists of 12 printed pages. Candidates should check to ascertain that all papers are printed as indicated and that no questions are missing.

SECTION A: (30MARKS)

Answer all questions in this section in the spaces provided.

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

(1½mks)

.....
.....
.....

9. Give four advantages of land title deed to a farmer.

(2mks)

.....
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.....

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)

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12. Give two disadvantages of minimum tillage.

(1mk)

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.....

13. State five benefits of agro forestry trees.

(2½mks)

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14. Give four types of records that can be kept by a crop farmer.

(2mks)

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15. Give four factors that influence the quality of hay.

(2mks)

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16. Give four reasons why seeds may fail to germinate after planting.

(2mks)

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17. Give five functions of a farm Manager.

(2½mks)

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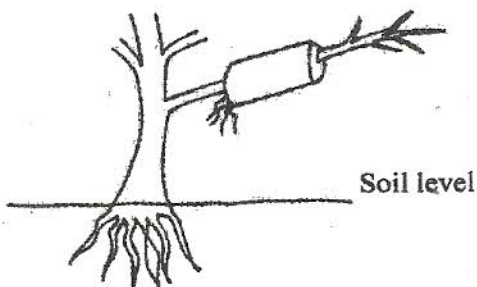
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SECTION B: (20 MARKS)

Answers all questions in this section in the spaces provided.

18. The diagram below shows a method of crop propagation.



(i) Identify the propagation method illustrated above.

(½mk)

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.....

(ii) State three ways of initiating faster root development in propagation method illustrated.

(3mks)

.....

.....

.....

19. The diagrams below show common weeds.



(a) Identify the weeds C and D.

(1mk)

C.....

D.....

(b) State why it is difficult to control weed C

($\frac{1}{2}$ mk)

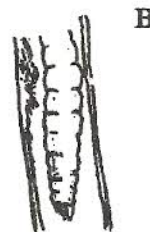
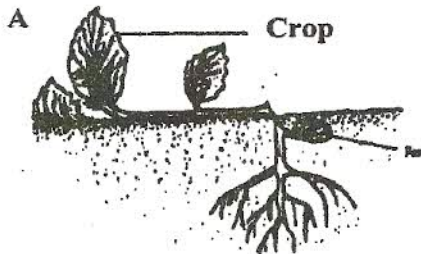
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(c) State two economic importance of weed D

(1 mk)

.....

20. The diagrams below A and B illustrates some field pests. Study them carefully and answer the questions that follow.



(a) Identify pests A and B.

(1mk)

A.....

B.....

(b) State two damages caused by pest B to a crop of maize.

(1 mk)

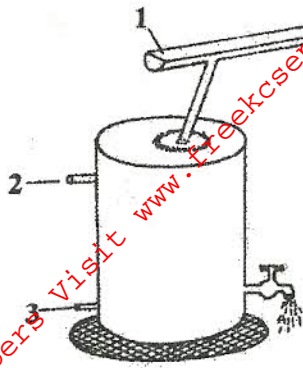
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(c) Give two cultural practices carried out to control the pest in A.

(1 mk)

.....

21 Below is a diagram of a domestic tank. Study it and answer the questions that follow.



a) Name the parts labelled 1, 2, 3.

$1\frac{1}{2}$ mks

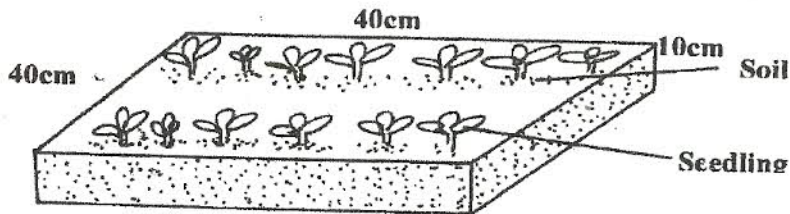
- 1.....
- 2.....
- 3.....

b) Outline six properties of clean water.

(3mks)

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-
-
-

22. Observe the following diagram and answer the questions that follow.



a) (i) Name the type of structure above used to prepare seedlings.

($\frac{1}{2}$ mks)

(ii) State **three** advantages of this method of preparing seedlings.

(1 $\frac{1}{2}$ mks)

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-
-

b) (i) After sowing seeds give **three** practices carried out before seedlings germinate. (1 ½ mks)

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.....
.....
.....

(ii) Give **three** management practices that should be carried out to increase the survival of the seedling in the seedbed before transplanting. (3mks)

.....
.....
.....

SECTION C: (40 MARKS)

Answer any two questions in this section in the spaces provided after questions 25.

- 23 (a) Outline five types of micro-catchment in soil and water conservation. (5mks)
(b) Describe the importance of growing vegetable seedlings in a nursery bed. (7mks)
(c) Outline eight advantages of land consolidation. (8mks)

- 24 (a) (i) Briefly explain five positive effects of weeds growing in crop field. (5mks)
(ii) Outline the limitations of mechanical weed control. (5mks)
(b) Describe the establishment and management practices carried out on Bana grass. (10mks)

25 The table below illustrates a demand and supply schedule of dairy meal.

Demand (in 90kg bags)	Price per 90kg bag(ksh)	Supply(In 90kg bags)
85	1000	370
120	950	360
170	900	350
230	850	330
300	800	300
380	750	270
470	700	240
570	650	200
680	600	150
790	500	50

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