MOI HIGH SCHOOL
KABARAK

FORM 3 2026 END TERM 3 EXAMS

Paving Way For Kenya Certificate of Secondary Education Success

Name …….. Admission no…….

Candidate's Signature…… Date…….

FORM 3

AGRICULTURE

PAPER 1

TIME: 2Hours

INSTRUCTIONS TO CANDIDATES:

- Write your **name** and **admission number** in the space provided.
- **Sign** and **write the date** of examination in the space provided
- This paper consists of three section **A, B** and **C**.
- Answer all questions in section **A** and **B**.
- Answer any two questions in section C

FOR EXAMINERS USE ONLY

SECTION	QUESTINS	MAX SCORE	CANDIDATES SCORE
A	1-16	30	
B	17-20	20	
C	21	20	
	22	20	
	23	20	
TOTAL		90	

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SECTION A (30MARKS)

Answer all the questions in this section in the space provided.

1. Give four characteristics of intensive farming system **(2mks)**

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2. Give an example of a weed matching the following description

   a) Causes poisoning to livestock and human **(1mks)**

   ……..

   ……...

   b) Alternate host of rust **(½ mk)**

   ……..

   c) Aquatic weed **(½ mk)**

   ……..

3. Name the plant part used for vegetative propagation of each of the following plants.

   (i) Sisal **(½ mk)**

   ……

   (ii) Pyrethrum **(½ mk)**

   ……

   (iii) Sweet potatoes **(½ mk)**

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   (iv) Sugar cane **(½ mk)**

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4. State four cultural ways of controlling black jack weed. **(2mks)**

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5. Name three sources of underground water **(1½mks)**

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6. State three causes of blossom end of rot in tomatoes **(1½mks)**

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7. Give three characteristics of crops used to prepare green manure. **(1½mks)**

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8. State four reasons for practicing minimum tillage. **(2mks)**

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9. Name four farm records that should be kept by a poultry farmer. **(2mks)**

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10. Give three ways in which pasture crops are classified **(1½mks)**

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11. State four ways in which land reforms can be implemented in Kenya. **(2mks)**

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12. State four factors that determine the stage at which a crop is harvested. **(2mks)**

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13. Give four beneficial effects of weeds to a farmer. **(2mks)**

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14. Give four advantages of practicing crop rotation. **(2mks)**

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15. Name four classifications of pesticides according to the target pest **(2marks)**

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16. Give four ways in which inorganic fertilizer can be classified **(2mks)**

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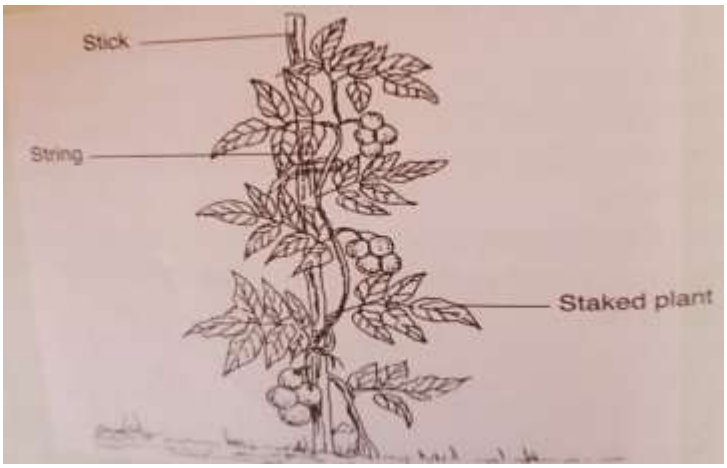
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SECTION B (20 MARKS)

Answer all the questions in this section in the spaces provided.



17. a) Identify the crop management practice shown above **(1mks)**

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b) Name two example of crops on which the above can be practiced **(2mks)**

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c) State three reasons for carrying out the above practice **(3mks)**

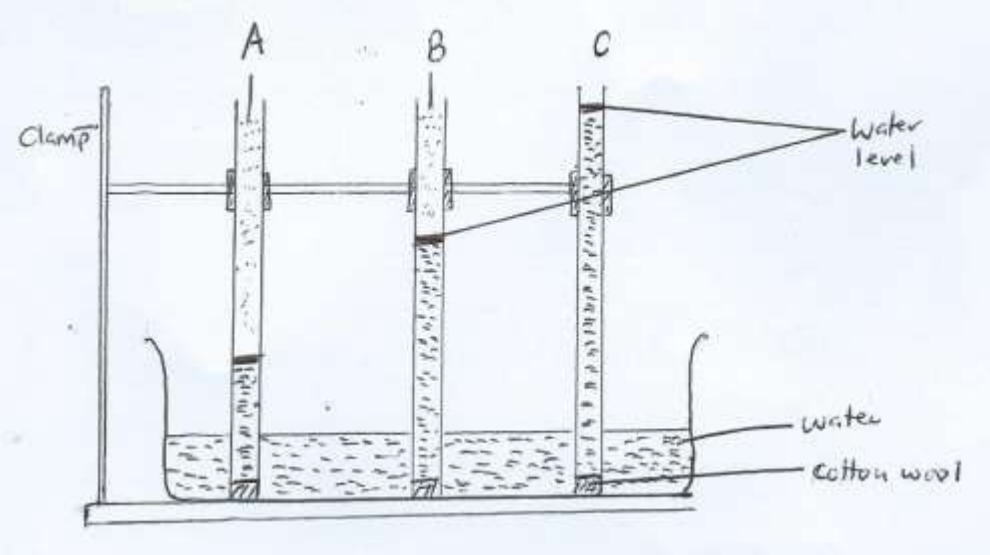
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18.The diagram below illustrate investigation on a property of soil using soil samples labeled A, B and C.



(a) Name the property of soil being investigated **(1mk)**

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(b) What is the relationship between the soil property above and the size of soil particles?

(1mk)

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……..

(c) Which soil sample would be suitable for growing paddy rice? **(1mk)**

……..……

(d) Give a reason for your answer in (c) above **(1mk)**

……..

19. The following is a list of nutrients: copper, calcium, nitrogen, molybdenum, zinc, phosphorus, carbon, Sulphur, iron and magnesium. Which of the above nutrients are;

(a) Macro – nutrients **(1mk)**

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(b) Micro – nutrient **(1mk)**

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(c) Fertilizer elements **(1mk)**

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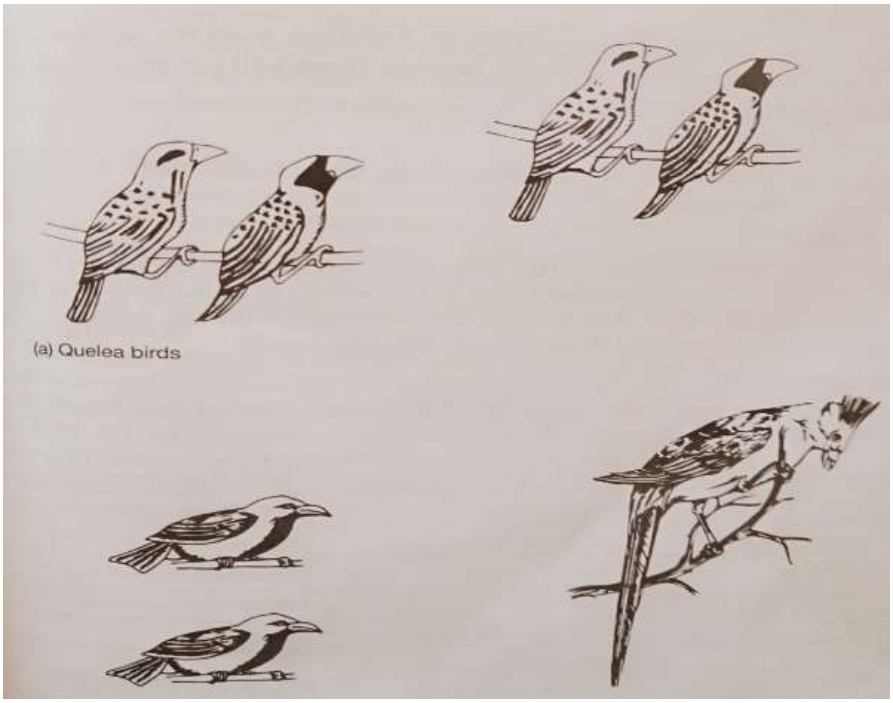
(d) Liming elements **(1mk)**

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(e) Primary macro nutrients **(1mk)**

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20. Study the diagrams below and answer the questions



a) Name examples of crops damaged by crop pests above **(2mks)**

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b) Give three examples of rodent pests **(3mks)**

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SECTION C

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

21.a) Discuss sorghum production under the following sub heading

i) Ecological requirement **(3mks)**

ii) Varieties **(2mks)**

iii) Pests and their control **(3mks)**

iv) Harvesting **(2mks)**

b) Describe five physical method of pest control **(5mks)**

c) Explain five functions of a live fence in a farm. **(5mks)**

22. a) Explain five factors considered when siting farm structures **(10mks)**

b) Explain the different ways in which each of the following environmental factors influence crop production.

(i) Wind **(5mks)**

(ii) Temperature **(5mks)**

23. a) Explain the cultural methods of controlling soil erosion **(8mks)**

b) State six roles of trees in soil and water conservation **(6mks)**

c) State six benefits of land consolidation **(6mks)**

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