

NAME.....INDEX NO.....

SCHOOLNAME.....CLASS.....

CANDIDATES' SIGNATURE.....ADM NO.....

443/1

AGRICULTURE

PAPER 1

JULY/AUGUST 2018

2 Hours

LANY ACHIEVERS END OF TERM 2 EXAMINATION FORM 4 2018

INSTRUCTIONS TO CANDIDATES

- 1. This paper consists of three sections: A, B and C**
- 2. Answer ALL questions in section A and B in the spaces provided.**
- 3. Answer ANY TWO questions in section C in the spaces provided.**

FOR EXAMINER'S USE ONLY.

SECTION	QUESTIONS	MAXIMUM SCORE	CANDIDATE'S SCORE
A		30	
B		20	
C		20	
		20	
		TOTAL	

SECTION A 30 marks

ANSWER ALL QUESTIONS IN THE SPACES PROVIDED

1. State **four** ways in which pH influences crop production (2 mks)
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.....
.....
2. State **three** functions of sulphur (11/2 mks)
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.....
.....
3. Give **four** factors which are likely to influence the effectiveness of herbicides (2mks)
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.....
.....
4. List **four** marketing functions of Kenya marketing company (2mks)
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.....
5. Give **four** methods of controlling maize stock borer (2mks)
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.....
6. List **four** common risks and uncertainty in most farms (2mks)
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.....
.....
7. Give **three** factors that may influence the price of an agricultural commodity (11/2mks)
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.....

8. State **four** for selecting seeds for planting (2mks)

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.....
.....

9. List **four** environmental condition that may lead to low crop yields (2mks)

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.....
.....

10. Name **two** field management practices that control crop population. (1 mk)

.....
.....

11. List **three** methods used in training crop (11/2mks)

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.....
.....

12. State **two** reasons why soil and water conservation should be carried out in the farm (1mk)

.....
.....

13. Differentiate between intercropping and cropping (2mks)

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

14. Give **four** conditions that may lead to decreased number of secondary cultivation on a piece of land (2mks)

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15. State **four** reasons for drying the grains before storage (2mks).

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.....

16. State **four** methods of controlling bean anthracnose (2mks)

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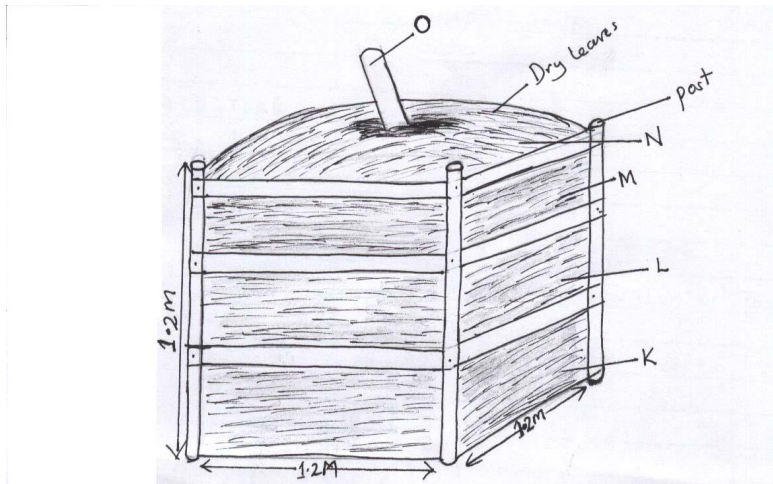
.....
.....
17. Give **four** characteristic of a good root stock

(2mks)

SECTION B (20 MARKS)

Answer ALL the questions in this section in the space provided

18. The diagram below illustrates a compost heap prepared by a farmer to avail compost manure for use. Study the diagram carefully and answer the questions that follow.



a) Name the parts labeled K-N

2mks

K.....

L.....

M.....

N.....

b) **State** one use of each of the parts labeled K, M, N, and O

2mks

K.....

M:.....

N:.....

O.....

c) List **four** reasons why compost manure K is not popularly used in farm. 2mks

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.....

19 Use the diagrams below to answer the question that follow



(a) Identify the crop pests labeled P (3mks)

.....

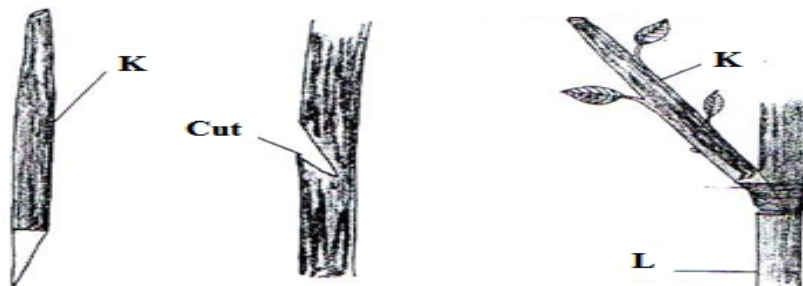
(b) State one control measures of crop pests labeled M (1mk)

.....

(c) State the damage caused to crops by crop pest labeled N (1mk).

.....

20 . Below is a method in crop improvement in crop production. Study it carefully and answer questions that follow;



a) Identify the practice? (1mark)

.....

b) Identify the parts labeled k and L (1mk)

K.....

L.....

c) Explain two advantages of the above practice in crop production? (2marks)

.....
.....

21 Study the illustrations P and Q below and answer the following questions



a) Which variety P or Q is prone to birds attack? (1mk)

.....

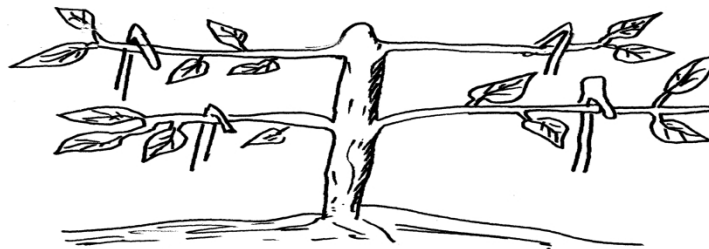
b) Give a reason for your answer in 21. (a) Above (1mk)

.....

c) Give two reasons for drying grains before storage (2mks)

.....

22 Study the diagram below and answer the questions beneath.



a) State two reasons for carrying out the above practice (1mks)

.....
.....

b) State two disadvantages with the above practice (2mks).

.....
.....

SECTION C (40 MARKS)

Answer any two questions

23 (a) Explain farming practices which help to conserve soil on a farm.(7mks)

(b) Explain how farmers overcome risks uncertainties in a farming business (7mks)

c) Explain the importance of Agro forestry trees (6mks)

24 (a) explain **four** the cultural methods of pest control (8mks)

b) Describe the steps farmers should follow when planning a farm business. 7mks

(c) Explain five reasons for controlling weeds. (5mks)

25. a) Outline services offered by co-operative societies to farmers / members (7mks)

.b) Describe the establishment of grass pasture using seeds starting from land preparation to the time the pasture is ready for grazing. (8mks)

c) Explain factors considered when selecting materials for planting (5mks)

