Name	Class	Adm No:
Date	Sign	
FORM TWO		
2019 TERM 2 EXAM		
AGRICULTURE		

## TIME 2 HOURS

This paper has three section A, B and C.

Answer all questions in the section A, B and any two in section C.

All answers should be written in the spaces provided.

## OFFICIAL USE ONLY

SECTION	QUESTION	MAX SCORE	CANDIDATE SCORE
A	1 – 16	40	
В	17 – 19	20	
С	20 – 22	40	
TOTAL		100	

SECTION A 40 MKS

Answer all question in this section	
1. State three ways through which agriculture contribute to industrial development.	(3mks)
2. Name three factors that influence shifting cultivation.	(3mks)
3. State two categories of parasites that affect livestock production.	(2mks)
4. List two maintenance practices carried out the following farm tools.	(6mks)
a) Wheel barrow	
b) Milking pail	
o) mining pair	

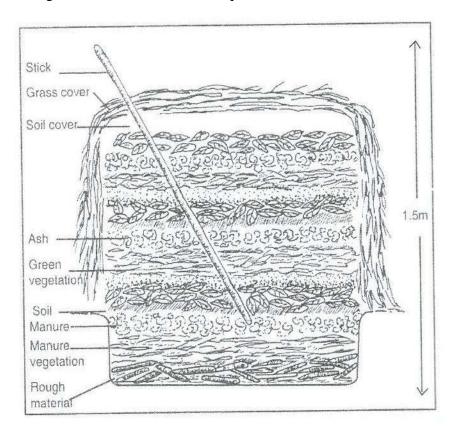
c) Wool shears	
5. State two reasons why a farmer should prepare land before planting.	(2mks)
6. Name three methods a farmer can use when doing tertiary cultivation.	(3mks)
o. Name three methods a farmer can use when doing tertiary cultivation.	(SIIIKS)
7. State two disadvantages of plastic pipes in water conveyance.	(2mks)
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8. State two importance of treating farm water before using it.	(2mks)
9. List two methods of preparing compost manure.	(2mks)
10. State two characteristics of a dairy cattle breed.	(2mks)

11. State two uses of farm records.	(2mks)
12. What does the following initials represent in fertilizer description N.P.K.	(3mks)
13. Differentiate between the following terms.	
a) Straight fertilizer and compound fertilizer.	(2mks)
14. A farmer was advised to apply 180 kg CAN/ha when top-dressing the maize crops. If the C.A.N. available in shops contain 21% N. Calculate the amount of nitrogen applied per hectare. (2mks)	
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15. State two advantage of using seeds as planting materials.	(2mks)

16. Name two methods a farmer can use to break seed dormancy.	(2mks)
SECTION B 20	<u>MKS</u>
Answer all questions in this section.	
17a) Study the diagrams below and answer the questions that follow	
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a) Identify the soil sampling methods shown above.	(2mks)
A	
В	
b) State three types of information written on a soil sample before it's taken to the laborator	ory for (3mks)
c) State four areas where soil samples should not be collected for sampling.	(4mks)

18. Study the diagram below and answer the questions	
Before  After	
a) Name the practice above.	(1mk)
b) State two advantages of the above practice on iris potatoes.	(2mks)
c) Name two methods used when planting crops.	(2mks)

9. Study the diagram below and answer the questions that follow.



a) Identify manure preparation method above.

(4mks)

- i) Wood ash
- ii) Rotten manure
- iii) Stick
- iv) Top soil
- c) State one reason why manure heap should be turned at least every 3 to 4 weeks. (1mk)

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SECTION C: 40	MKS
Answer any two questions in this section	
20a) Explain five factors that determine the quality of farm yard manure.	(10mks)
b) Discuss five importance of keeping livestock in Kenya today.	(10mks)
21a) Explain five methods through which a soil loses its fertility.	(10mks)
b) Describe five factors that affect the rooting of cuttings in vegetative propagation	n. (10mks)
22a) Explain five methods a farmer can use when applying fertilizer to crops.	(10mks)
b) State and explain five reasons why farm tools should be maintained.	(10mks)