

NAME

ADM NO:

DATE:.....

SIGNATURE:.....

AGRICULTURE**FORM ONE (1)****TIME: 2 HOURS****BRAIN QUEST SERIES FORM 1 END OF YEAR
EXAMS 2023****INSTRUCTIONS TO ALL CANDIDATES**

- a) This paper consists of three sections A, B and C.
- b) Answer all questions in sections A, B and C.
- c) All answer must be written in the spaces provided.

FOR EXAMINERS USE ONLY

SECTION	QUESTION	MAXIMUM SCORE	CANDIDATE SCORE
A	1-14	50	
B	15-18	20	
C	19-20	30	
TOTAL		100	

4. State two effects of HIV/AIDS on agricultural production. 2mks
5. Distinguish between soil structure and soil texture. 2mks
6. Outline four ways in which high temperatures affects agricultural production in Kenya. 4mks
7. State four importance of primary cultivation. 4mks
8. a) Define the term sub soiling. 2mks

b) State two importance of sub soiling. 2mks

9. Give four reasons for treating water in the farm 4mks

10. Explain four importance of irrigation in crop production 4mks

11. Name three sources of underground water. 3mks

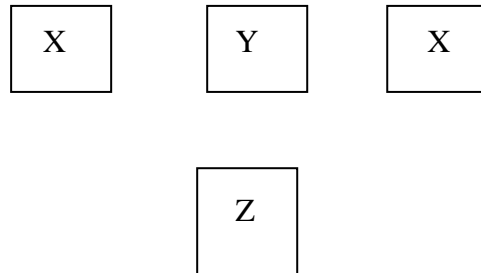
12. Give four reasons for keeping livestock health records in the farm. 4mks

13. Name four farm records that should be kept y poultry farmer. 4mks

14. Name four entries that can be made on cattle breeding record. 4mks

SECTION B (20 MARKS)**Answer all question in the spaces provided**

15. The diagram below illustrates a method of preparing compost manure.



a) Identify the method

1mk

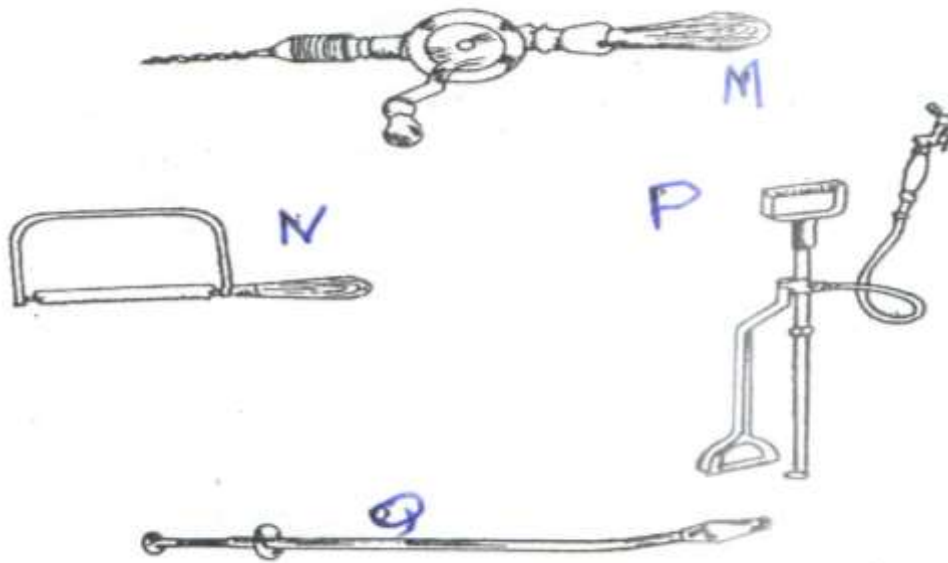
b) Complete the diagram using arrows to show the direction of flow of materials. 1mk

c) How long should materials take in each pit?

1mk

d) List two materials used in the preparation of the above type of manure. 1mk

16. The diagrams below represent farm tools and equipment. Study them and answer the questions that follow.



a) Name the tool labelled N and P.

1mk

N

P

b) State one use of each of the tools labeled M and Q.

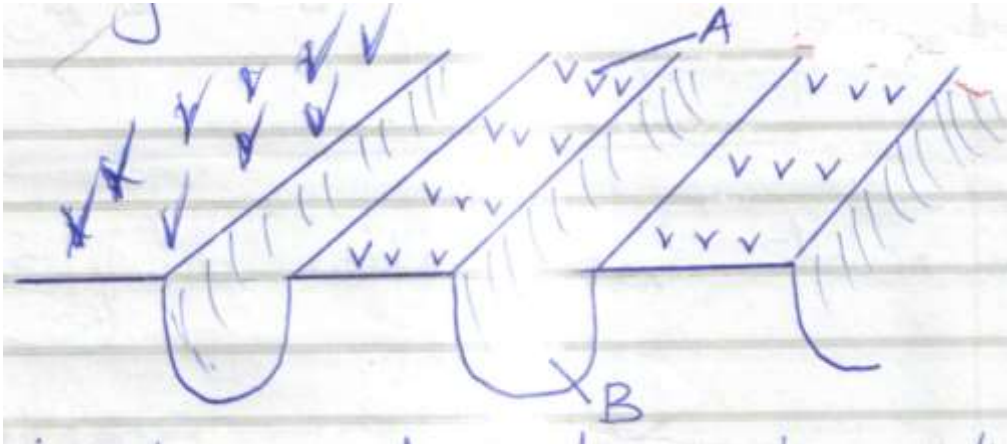
M

Q

c) Explain two maintenance practice carried out on the equipment labeled P

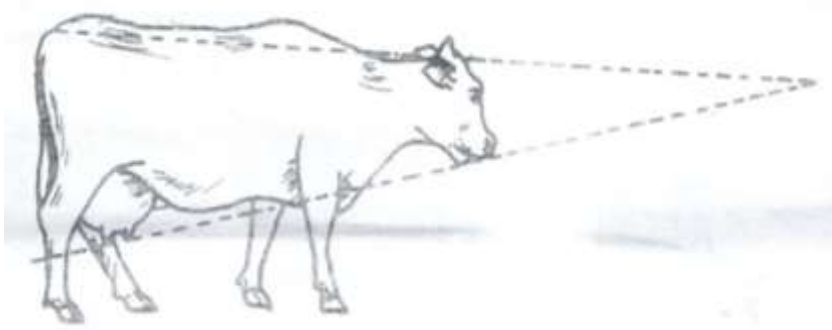
2mks

17. The diagram below shows a method of drainage.



- a) Identify the method of drainage shown in the diagram. 1mk
- b) Name the parts A and B. 1mk
- c) State any two other methods of drainage that farmers can use. 2mks

18. The figure below represents a cattle breed. Study it and answer the questions that follow.



a) Classify the cattle breed shown above. 1mk

b) Give three physical characteristics of the breed shown above. 3mks

c) Name three dairy cattle breeds that a Kenyan farmer can keep. 3mks

SECTION C (30 MARKS)

ANSWER ALL THE QUESTIONS IN THE SPACES PROVIDED

19. a) Explain five ways in which water pollution can be controlled in the farm. 5mks

b) Describe how water is treated to remove solid impurities. 5mks

c) State and explain two methods of farming used in Agricultural production.
4mks

d) Define the term minimum tillage as used in Agricultural production.
1mk

20. a) Explain four reasons for maintaining farm tools and equipments.

4mks

b) Explain five ways that can lead to loss of soil fertility.

5mks

c) Give 6 uses of farm records in the farm.

6mks