**NAME: …………………………………………….…………. ADM NO:……. CLASS: ………**

**TEACHER.CO.KE**

**AGRICULTURE**

**FORM 2**

**TIME: 1 ¾ HRS**

1. Define the following

a) Agriculture (1mk)

b) Mixed farming. (1mk)

c) Seedbed (1mk)

d) Soil fertility. (1mk)

e) Agricultural economics. (1mk)

2. State four main branches of Agriculture. (2mk)

3. State three physical weathering agents of soil formation. (3mk)

4. State the importance of agriculture to the economy of Kenya. (4mk)

5. List five soil constituents. (5mks)

6. Give three reasons why soil is important to crops. (1 ½ mk)

7. The diagram M, N, P AND Q

 M P Q N

a) Identify the tools above M,N,P,Q. (2mk)

b) Give the functions of each tool above. (2mk)

8. Complete the table below. (3mk)

|  |  |  |  |
| --- | --- | --- | --- |
| Description  | Cattle | Pig | Poultry |
| Young one from weaning/ hatching first parturition  | **calf** |  |  |
| Young female before parturition |  |  | **Pullet** |
| Mature male for breeding  |  | **Boar** |  |

9. State three main sources of water for use in the farm. (1 ½ mk)

10. a) What is drainage. (1mk)

b) Explain the importance of drainage in agricultural production. (3mk)

11. State four ways in which soil loses its fertility. (4mk)

12. A B A

 **C**

Field

a) By use of arrows indicate on the diagram how the following materials should be transferred. (1mk)

b) Give a reason for turning the material in the heap regularly. (1mk)

c) Give a reason for sprinkling water on the heap. (1mk)

13. Give reason why farmers keep livestock. (4mk)

14.

The diagram shows a practice used in crop production.

a) Identify the method. ( ½ mk)

b) Give three reasons for carrying out the practice. (3mk)

15. Describe any three characteristics of dairy breed. (3mk)

16. Name any two dual purpose sheep breeds. (3mk)

17. Study the document below and answer the questions that follow.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Date  | Disease symptoms | Animal affected | Drug used | Cost of treatment | remarks |
|  |  |  |  |  |  |

a) Identify the document. (1mk)

b) State any four importance of keeping farm records. (2mk)

18. How does cultural and religious belief influence agriculture? (2mk)

19. State three aspects of rainfall that influences the growth of crops. (3mks)

20. Outline four reasons why a farmer should prepare land before planting. (4mks)

21. An experiment was carried out to investigate a certain process.

 water

 Soil

 cotton

 water measuring

 cylinder

 water

 A B C

a) State the aim of the experiment. (1mk)

b) Identify the soil type A, B,C. (3mks)