

END OF TERM 1 EXAMS

AGRICULTURE

FORM TWO

TIME: 2 HOURS

NAME..... ADM NO:.....

SIGN..... INDEX NO:.....

DATE;.....

INSTRUCTIONS TO CANDIDATES:

- Answer *ALL* the questions
- Answers should be written in the spaces provided

1. a) Give the meaning of the following terms.

i) Plantation farming (1mk)

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ii) Large scale farming (1mk)

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(b) Give two reason why ranching is important in the arid and semi- arid areas of Kenya.
(2mk)

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FOR MARKING SCHEMES CALL/WHATSAPP 0705525657

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2. Name **two** processes through which carbon is returned to the atmosphere in the carbon cycle
(2mk)

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3. Name **two** methods of layering. (2mk)

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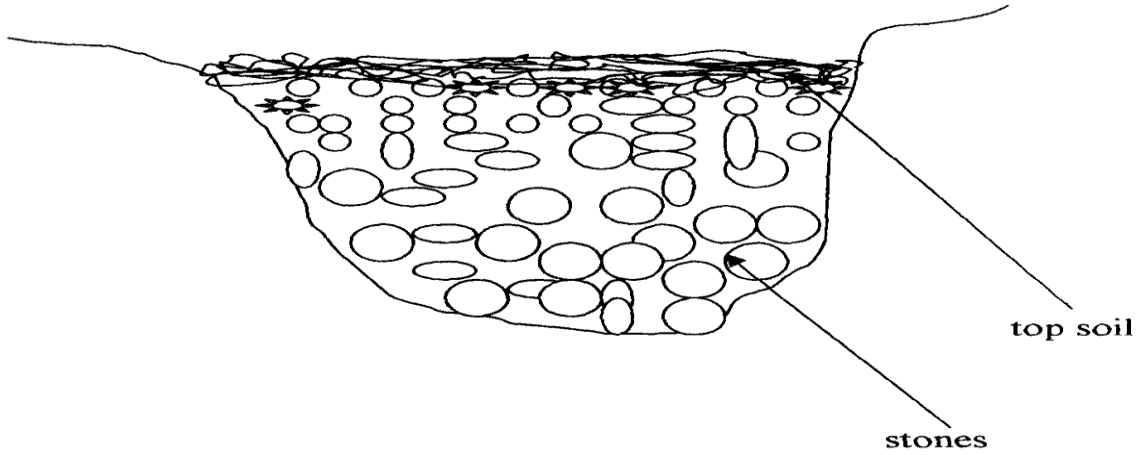
4. A farmer is to apply a compound fertilizer 20-30-0 on a vegetable plot measuring 5m long by 4m wide at the rate of 200kg/ha. Calculate the amount of fertilizer the farmer requires for the plot (show your working). (3 marks)

5. State **four** advantages of drip irrigation. (4 marks)

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6. Study the diagram below then answer the questions that follow:



a) Identify the method of drainage above. (1mk)

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b) State other **three** methods used to drain swampy areas. (3mks)

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c). Give **four** importance of drainage.

(4mks)

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7. State the correct use of each of the following tools.

(2mks)

a) Tin snip

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b) Cold chisel

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8. Give **two** ways in which agriculture offer employment.

(2 marks)

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9. Distinguish between minimum tillage and sub-soiling as used in agricultural production**(2mks)**

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10. Name **three** types of farm records that a sheep farmer should keep (3mks)

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11. Name **three** vegetative materials used in propagation of pineapples (3mks)

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12. Give **three** disadvantages of mulching in crop production (3 mks)

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13. State **four** factors that influence spacing in crops. (4 marks)

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14. State **four** positive effects of high temperatures on crop production.

(4mark)

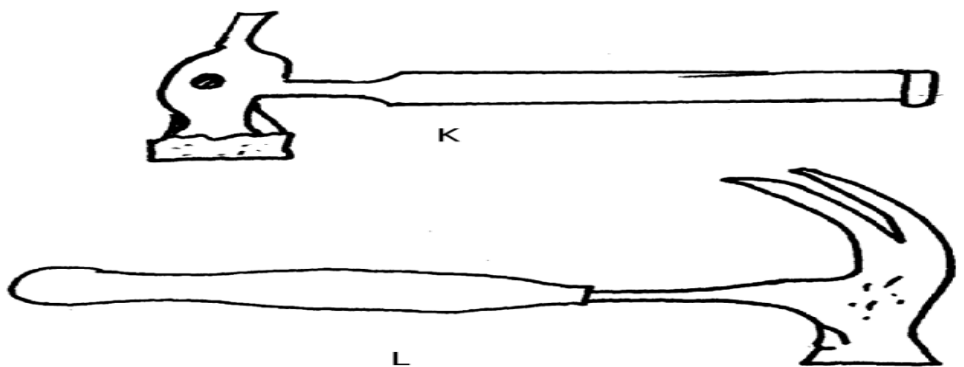
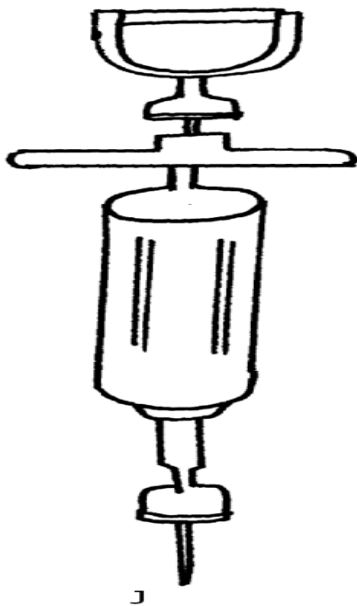
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15. Give **four** ways of water harvesting in a farm.

(4 marks)

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16. Identify the tools and equipment drawn below.



i) Identify tools/equipment J, K and L (3 mks)

J.....

K.....

L.....

ii) State the use of J and K (2mks)

J.....

K.....

iii) Give **one** functional similarity between K and L. (1mk)

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iv) Give **two** maintenance practices that should be carried out in too J. (2mks)

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17. Explain **six** management practices that can be carried out by a farmer to maintain soil fertility on his farm. (12 marks)

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