

# ALLIANCE HIGH SCHOOL

AGRICULTURE

END OF TERM 1 2016

FORM 3

2HR

Name \_\_\_\_\_ ADM NO. \_\_\_\_\_ Class \_\_\_\_\_ Teacher \_\_\_\_\_

1. State three advantages of row planting. (3mk)

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2. State four factors considered when selecting a nursery site. (4 mks).

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3. State ways in which HIV| AIDS affects agriculture. (3 mks).

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4. Differentiate between tip layering and trench layering. (2mk).

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5. State any organic farming practices.

(3 mks)

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6. What is opportunity cost.

(2 mks)

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7. List for post-harvest practices.

(2mk).

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8. Name one cabbage pest and explain how it affects the crop

(2 mks)

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9. State six pre disposing factors of livestock diseases

(6 mks).

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10. Explain briefly the aspects of rainfall that influence agriculture

(3 mks)

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11. Describe the lifecycle of two host tick

(10 mks).

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12. List four livestock transmitted by parasites

(4 mks).

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13. Distinguish between a feedstuff and a feed

( 2 mks).

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14. Differentiate between maintenance ration and production ration.

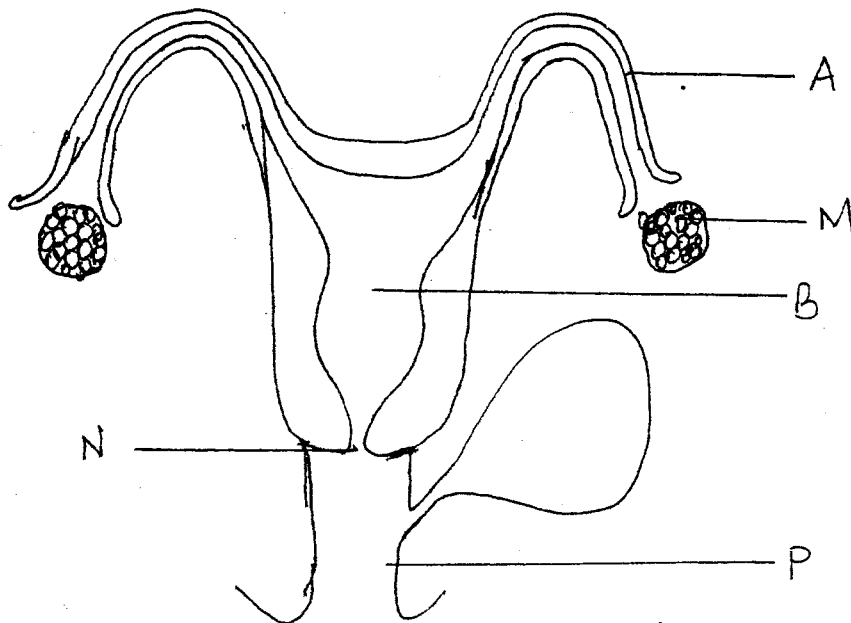
(2 mks).

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15. A farmer would want to mix feeds to contain 16% DCP for his Dairy cattle by mixing maize-meal(10% DCP), meat meal(46% DCP). Calculate the quantity of each feedstuff the farmer would have to make a mixture weighing 70kg. (5 mks).
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16. Below is a diagram of a female reproductive system of cattle



(a) Name the parts labelled. (3 mks)

M \_\_\_\_\_

N \_\_\_\_\_

P \_\_\_\_\_

(b) State the part labelled. (2 mks)

A \_\_\_\_\_

B \_\_\_\_\_

17. Outline five factors considered when selecting a breeding stock of beef cattle.(5 mks).

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18. State three advantages of Artificial Insemination. (3 mks).

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19. State methods of selection in livestock production. (3 mks)

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20. State two types of natural mating. (2 mks).

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21. State three characteristics of phosphatic fertilizer. (3 mks)

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22. State two roles of magnesium in a crop.

(2 mks).

23. State three ways in which Nitrogen is removed from the atmosphere in Nitrogen cycle.(3 mks).

24. Discuss general methods of disease control.

(10 mks)

25. Discuss tomato production under the following sub heading.

- (a) Nursery bed management. (4 mks)
- (b) Transplanting. (3 mks)
- (c) Disease control (4 mks)

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