

SECTION A (30 marks)

Answer **all** the questions in this section in the spaces provided.

1. Give **four** reasons why a farmer may use a *Jembe* instead of a disc plough.

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2. Name **four** sheep breeds reared in Kenya.

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3. Give **four** ways in which a farmer can restrain a bull on the farm.

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4. Name the **four** stages ticks go through in their life-cycle.

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5. State **four** factors that determine the amount of water taken by an animal. (2 marks)

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6. Distinguish between each of the following pair of terms as used in livestock production:

(a) selection and breeding (1 mark)

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(b) inbreeding and line breeding (1 mark)

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7. State **four** signs of parturition in goats. (2 marks)

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8. Name **four** materials a farmer requires in order to construct a barbed wire fence. (2 marks)

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9. State **four** symptoms of coccidiosis infection in chicks. (2 marks)

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10. State **four** management practices carried out to prevent occurrence of parasites in a poultry house. (2 marks)

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11. Name **four** components of milk. (2 marks)

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12. State **four** uses of solar energy in a farm. (2 marks)

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13. (a) State the colour difference between the Galla and Saanen goat breeds. (1 mark)

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(b) Name **one** goat breed that is reared for:

(i) mohair (½ mark)

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(ii) meat (½ mark)

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14. State **four** ways in which proper housing helps to control livestock diseases. (2 marks)

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15. State **one** use of each of the following farm tools:

(a) pruning hook (½ mark)

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(b) dosing gun (½ mark)

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(c) bow saw (½ mark)

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(d) crowbar (½ mark)

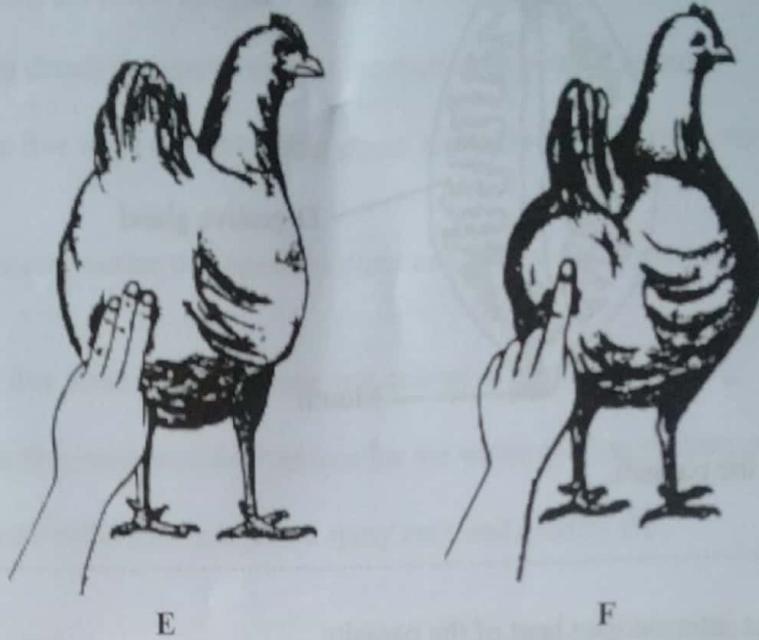
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17. The picture below shows a poultry rearing system.



- (a) Identify the rearing system. (1 mark)
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- (b) From the picture, state **two** ways in which the system can lead to low egg production. (2 marks)
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- (c) State **two** ways in which the rearing system can lead to loss of birds. (2 marks)
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18. The diagram below shows a practice carried out by poultry farmers to determine productivity of layer birds.



- (a) Give **one** reason for carrying out the practice in poultry rearing. (1 mark)

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- (b) Apart from the practice shown above, give **two** other features observed on the birds to determine productivity. (2 marks)

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- (c) From the diagram, which advice should be given to the farmer on each of the birds:

Bird E (1 mark)

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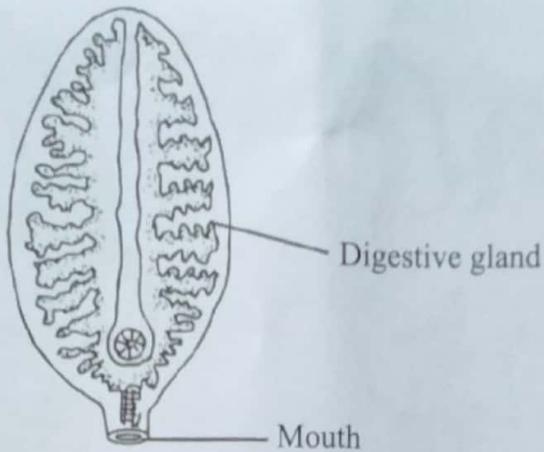
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Bird F (1 mark)

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19. Below is a diagram of a livestock parasite.



- (a) Identify the parasite. (1 mark)

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- (b) Name the intermediate host of the parasite. (1 mark)

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- (c) Explain how each of the following practices helps to control the parasite:

- (i) applying copper sulphate on stagnant water (1 mark)

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- (ii) drenching infested animals with antihelmintics (1 mark)

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- (iii) rotational grazing (1 mark)

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