

Name Index Number

School..... Class

Candidates Signature..... Date

INSTRUCTIONS TO THE CANDIDATES:-

- a) Write your name and index number in the space provided at the top of this page.
- b) Sign and write the date of the examination in the space provided above.
- c) This paper consists of three sections **A, B,** and **C.**
- d) Answer all questions in section **A** and **B.**
- e) Answer any two questions in section **C.**
- f) All answers should be written in the spaces provided.
- g) Candidate should check the question paper to ascertain that all pages are printed as indicated and that no question is missing.
- h) Candidate should answer **the question in English.**

FOR EXAMINERS USE ONLY

SECTION	QUESTION	MAXIMUM SCORE	CANDIDATE SCORE
A	1-16	30	
B	17-20	20	
C		20	
		20	
	TOTAL SCORE	90	

SECTION A: (30MARKS)

Answer all questions from this section on the spaces provided.

1(a) Give **two** qualities of milk of the Friesian breed of cattle. (1 mark)

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b) Name **three** components of a truss. (1½ marks)

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2. Give **two** reasons why Jersey breed of cattle is well suited to semi-arid conditions. (1 mark)

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3(a) State the effect of an incubator with internal humidity of 100%. (½ mark)

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b) State the use soluble grit to layer birds? (½ mark)

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4. Give **two** uses of a wood float. (1 mark)

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5. Give **three** conditions may lead to culling of a breeding boar? (1½ marks)

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6. Identify **two** practices carried out during sap displacement in timber preservation.
(1 mark)

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7(a) State **three** characteristics of the Galla goat (1½ marks)

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b) Name the **two** breeds of camels. (1 mark)

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8(a) List **three** sources of water to livestock. (1½ marks)

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b) Maize germ, a livestock feed has a starch equivalent of 30%. Explain
(1mark)

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9(a) State **four** ways in which fleas cause economic losses to the farmer.
(2mark)

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b) List **three** limitations of water as a source of power in the farm. (1½ marks)

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11. Define the following terms as used in livestock production. (1½ marks)

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10. Tabulate **two** features that differentiate between dairy and beef cattle. (2 marks)

a) Digestibility

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b) Prolificacy

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c) Malpresentation

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12. Give **three** methods of selecting livestock for breeding (1½marks)

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18. State **four** disadvantages of using live fence on the farm
(2marks)

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19(a) Give **two** pre disposing factors of mastitis.
(1mark)

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b) Using letter **X** identify **three** areas infested with a three- host tick in the picture below.
(1½marks)



SECTION B: (20MARKS)
ANSWER ALL QUESTIONS FROM THIS SECTION ON SPACES PROVIDED

20. Study the structure of a goat pen below and then answer the questions that follow.



a) Specify the measurements between **H** and **N**.
(½mark)

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Give a reason for your answer in a) above.
(½mark)

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b) State the function of part **K**.
(1mark)

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- c) Which type of floor is recommended for the pen shown in the picture above
(½mark)

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- _____ Give a reason for your answer in (c) above
(½mark)

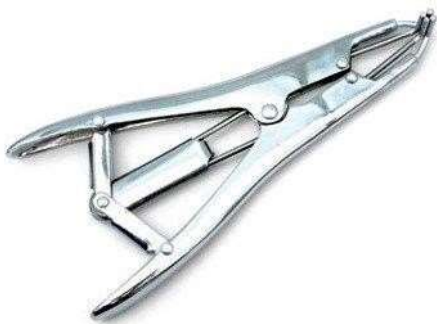
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- d) List **two** reasons for housing the calves singly.
(1mark)

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21(a) Identify the equipment **X** and **Y** below.

(1mark)



X



Y

- b) State the functions of each of the equipment.
(2marks)

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c) i) Name the tool used to castrate a piglet.
(½mark)

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ii) Give **two** reasons for castrating a male piglet.
(1mark)

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22(a) Identify the parasites below.
(1mark)



U

W

b) Name **two** species of parasite **U**.
(1mark)

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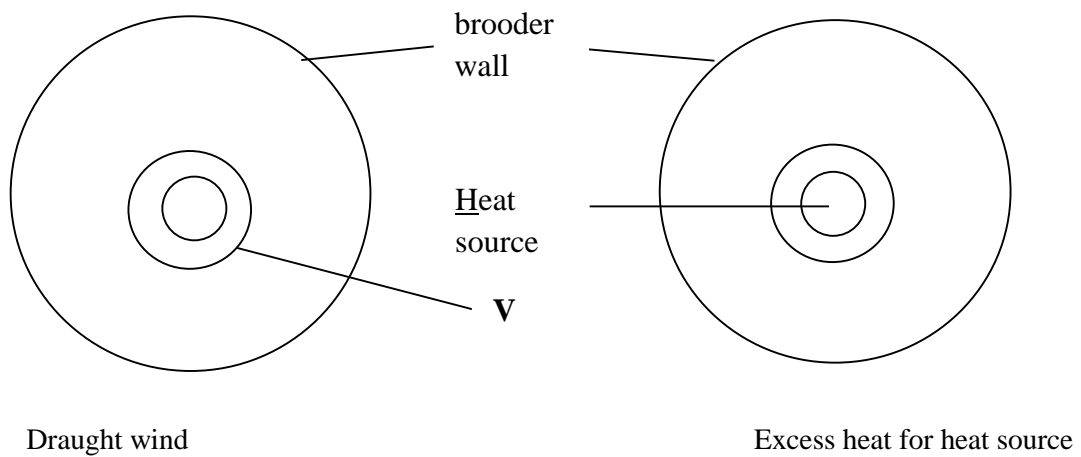
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c) Why is it difficult to control parasite **U**?
(1mark)

d) State the livestock commonly affected by parasite **W**?
(½mark)

- e) A farmer wanted to mix 270kg of livestock feed containing 30% DCP by using Sorghum meal with 12% DCP and Soya bean meal containing 36% DCP. Calculate the quantities of each feedstuff he would have in the ration. (2marks)

23(a) Using x draw the behaviour of the chicks expected in the following conditions in a brooder. (2marks)



- b) What is the role of the part labelled V? (½ mark)

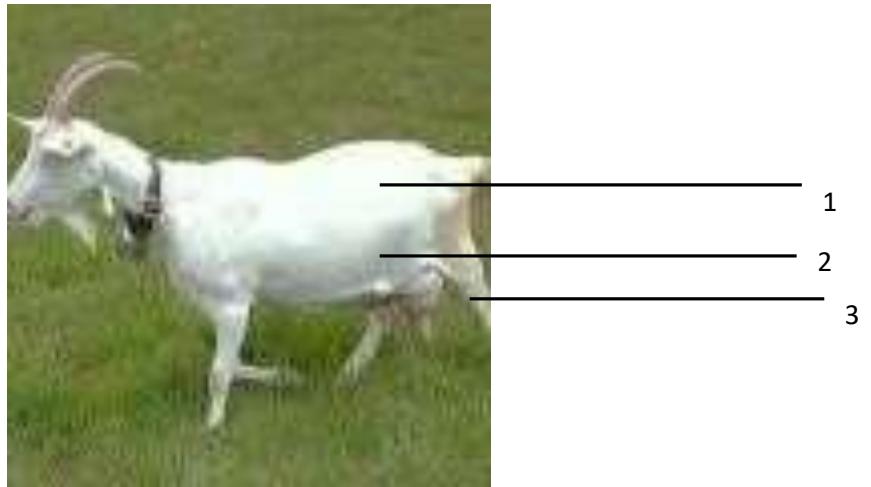
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- c) i) Identify the got breed below.

(1mark)



ii) On the diagram name parts 1-3. (1½ marks)

d) List two features that are used to identify the goat breed (1mark)

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