

NAME.....INDEX NO.....

SCHOOLNAME.....CLASS.....

CANDIDATES' SIGNATURE.....ADM NO.....

443/2

AGRICULTURE

PAPER 2

JULY/AUGUST 2018

2 Hours

LANY ACHIEVERS END OF TERM 2 EXAMINATION FORM 4 2018

INSTRUCTIONS TO CANDIDATES

- 1. This paper consists of three sections: A, B and C**
- 2. Answer ALL questions in section A and B in the spaces provided.**
- 3. Answer ANY TWO questions in section C in the spaces provided.**

FOR EXAMINER'S USE ONLY.

SECTION	QUESTIONS	MAXIMUM SCORE	CANDIDATE'S SCORE
A		30	
B		20	
C		20	
		20	
		TOTAL	

SECTION A 30 MARKS

Answer all questions

1. List **four** activities in livestock health that make handling of dairy animals necessary 2 mks.....

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2. State **four** ways through which power is transmitted from the engine is made available for use 2mks.....

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3. State **four** factors that influence the quality of honey 2mks

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4. List **two** disadvantages of open castration in livestock's 1mk

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5. Give **two** functions of the clutch in a tractor 1 mk

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6. Name **two** methods that a farmer may use in ration computation of animal feeds 1mk

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7. List **two** causes of egg eating in poultry production 1mk

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8 Outline **four** qualities of creep feed that make it suitable for piglet 2mks

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9. Give **four** factors considered when selecting female rabbits for breeding 2mks

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10. State **two** functions of a disc coulter of moldboard plough 1mk

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11. State **four** reasons for controlling livestock parasites 2mks

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12. Give **two** predisposing factors of foot rot 1mk

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13. Name **two** hormones involved in milk let down 1 mk

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14. Name **four** major component of power transmission system of a tractor engine 2mks

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15. Give **four** functions of a rumen 2mks

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16. Give **four** ways in which vaccines can be administered 2mks

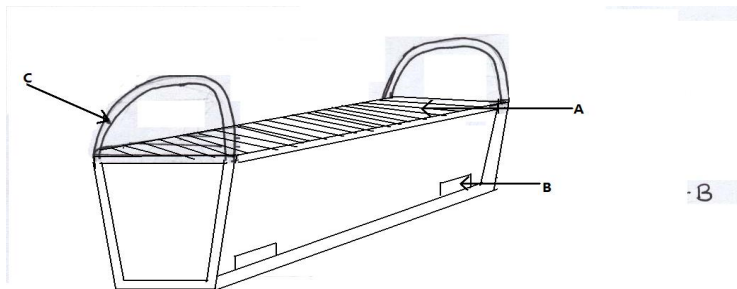
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17. State **four** reasons why goats are suitably adapted to marginal areas 2mks

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18. Give **four** reasons for feeding a lamb on colostrums 2mks

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19. State **four** functions of a worker bee in a bee- hive 2 mks

SECTION B 20 MARKS Answer ALL questions in this section in the spaces provided.

20 Below is a diagram illustrating a bee-hive. Study it carefully and answer questions that follow.



(a) (i) Identify the type of bee-hive illustrated above. 1mk

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.....

(ii) Name the parts labeled A, B, and C.

1 ½ mks

A:.....

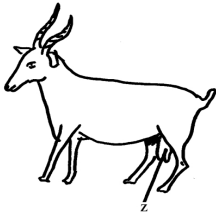
B:.....

C:.....

(iii) State **three** advantages of the above Bee-hive compared with other hives. 3mks

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21 The diagram below shows male goat



a) What operation is carried out on the part labeled F.

(1mk)

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b) Why is it necessary to carry out the operation?

(2mks)

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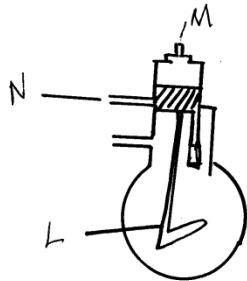
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c) Give any **two** suitable methods of carrying out the operation in (a) above.

(1mk)

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22 Below is a diagram of a two stroke engine cylinder



a) Name any one farm machine where the above engine is used

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b) Identify the parts labeled M, L, and N.

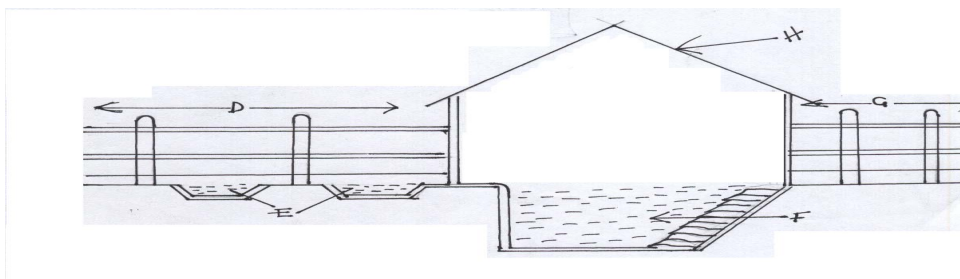
L

M

N

23 Below is a diagram of an animal handling structure. Study it and answer the questions

that follow.



(i) Identify the farm structure illustrated above.

1mks

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(ii) Name the parts labeled D E F G and H.

2 ½ mks

D:.....

E:.....

F:.....

G:.....

H:.....

(iii) **State** the function of the parts labeled E and G 2mks

E:.....

G:.....

(iv) Give **two** uses of the part labeled H

2mks

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SECTION 20 MARKS

24 (a) Describe the feeding management of broiler chicks from one day old to slaughtering
(10mks)

b) Discuss mastitis disease under the following sub-headings:

i) Predisposing factors. (5mks)

ii) Control and treatment. (5mks)

25. a) Describe the management of a dairy calf using artificial method from birth to weaning.
(10 mks)

(b) Explain **FIVE** operational differences between a disc plough and mould board plough.

10mks

26a) Describe the management of sheep starting from preparation for mating up to and including weaning of lambs. 10mks

(b) Explain the factors considered when sitting farm structures.

8mk