

NAME..... ADM NO

CLASS CANDIDATE'S SIGN

DATE.....



443/2
 AGRICULTURE
 Paper 2
 MARCH-APRIL, 2017
 2 Hours

ALLIANCE GIRLS' HIGH SCHOOL
AGRICULTURE PAPER 2 PRE-MOCK 2017

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 AGRICULTURE
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INSTRUCTION TO CANDIDATES

1. This paper consists of three sections A,B,C.
2. Answer all questions in section A and B.
3. Answer any two questions in section C.
4. Answers should be written in the spaces provided.
5. This paper consists of 3 printed pages.
6. Candidates should check the question paper to ascertain that all the pages are printed as indicated and that no questions are missing.

For Examiner's Use Only:

SECTION	QUESTIONS	MAXIMUM SCORE	CANDIDATES SCORE
A	1-18	30	
B	19-23	20	
C	24-26	20	
		20	
	TOTAL	90	

SECTION A (40 MARKS)**Answer ALL the questions in this section in the spaces provided.**

1. What is a production ration as used in animal production? (2marks)
.....
.....
.....
.....
2. Give a reason for clipping needle teeth in piglets. (1mark)
.....
.....
3. Give **two** reasons for housing calves. (1mark)
.....
.....
.....
4. What are the functions of the following parts of a reciprocating mower? (3marks)
 - (i) Swath Stick.
.....
 - (ii) Shoe
.....
 - (iii) Cutter bar
.....
.....
5. State **four** signs of infertility in a dairy cow. (2marks)
.....
.....
.....
.....
6. State **four** factors considered in housing management to control endoparasites. (2marks)
.....
.....
.....
.....

7. When is it necessary to supplement the feeding of bees? (1mark)
.....
.....
8. State **four** functions of oil when applied on farm machines (2marks)
.....
.....
.....
.....
9. List **two** maintenance practices of a tractor drawn sprayer. (2marks)
.....
.....
10. Give **two** reasons why teaser rams are introduced to a flock of ewes some weeks before tupping. (1mark)
.....
.....
11. State **two** reasons why honey harvesting is discouraged at night. (1mark)
.....
.....
12. Name five components of a tractor's cooling system. (2½marks)
.....
.....
.....
.....
13. State **four** factors that necessitate culling in sheep management (2marks)
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.....
.....

14. State **four** measures that should be taken to prevent an outbreak of Newcastle disease in poultry. (2marks)

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15. Explain the term digestibility as used in Livestock production. (½ mark)

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.....

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16. What is the function of the carburetor in a tractor engine? (1 mark)

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.....

17. State **three** advantages of using wood in the construction of farm buildings. (2marks)

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18. What is the role of the first candling of incubated eggs? (1mark)

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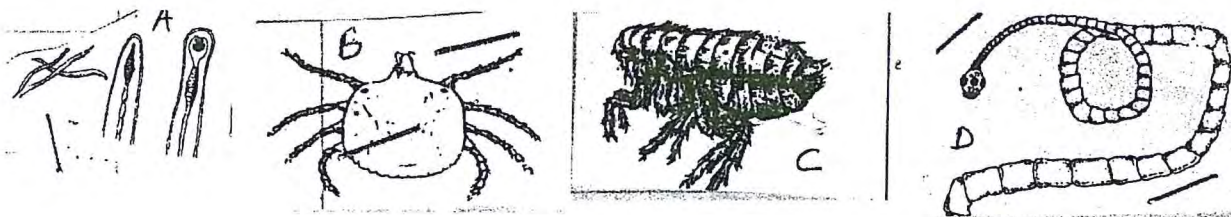
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SECTION B (20 MARKS)

Answer all the questions in this sections in the space provided.

19. Below are livestock parasites A, B, C and D. Use them to answer the questions that follow.



(i) Identify the parasite stating where they are found.

(2mks)

Identity

Where found in animals

A

.....

B

.....

C

.....

D

.....

(ii) State **two** methods of controlling parasite B.

(1mk)

.....

(iii) State **four** effects of parasite A in animals.

(2mks)

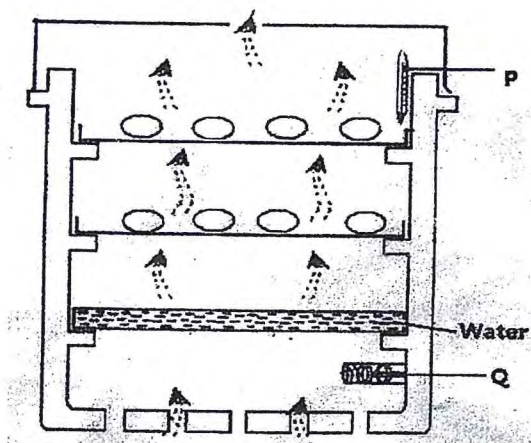
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- (b) If a sow was successfully served on 27th September 2016, state the date she is likely to have farrowed. $(\frac{1}{2}\text{mk})$

.....

.....

22. Study the diagram of artificial incubator below and answer the questions that follow.



- a) Identify the parts labelled P and Q (1mk)

P.....

Q.....

- b) Why is water provided in the incubator (1mk)

.....

.....

- c) What other factor not observed in the diagram has been provided. ($\frac{1}{2}\text{mk}$)

.....

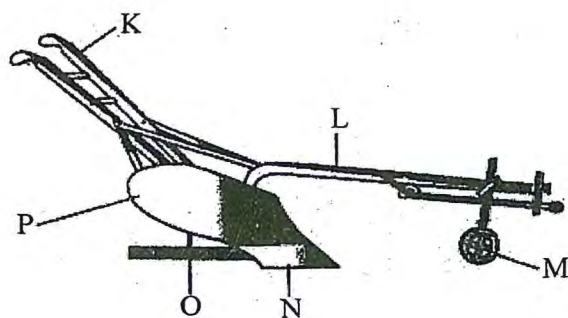
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- d) State one advantage of an artificial incubator (1mk)

.....

.....

23. Below is an illustration of a farm implement. Study it carefully and answer the questions that follow.



- (a) Identify the farm implement. ($\frac{1}{2}$ mk)

- (b) Name the parts labelled L, M, O and P. (2mks)
 L.....
 M.....
 O.....
 P.....
- (c) Give **one** function of the parts K, M, N and P. (2mks)
 K.....
 M.....
 N.....
 P.....
- (d) Give the adjustment on the farm implement to ensure deep ploughing with a wide slice. ($\frac{1}{2}$ mk)

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