

NAME _____

ADM NO _____

SCHOOL _____ SIGNATURE _____

AGRICULTURE
FORM FOUR
443/2
PAPER 2
MARCH/APRIL 2013
TIME: 2HRS

ELDORET EAST INTER - SCHOOLS TEST - 2013
(Kenya Certificate of Secondary Education) K.C.S.E

Instructions :

- Write your Name and Index Number in spaces provided above
- This paper consists of three sections A, B and C
- Answer all questions in section A, and B and any other two questions in section C in the spaces provided in this booklet

FOR EXAMINERS USE ONLY

SECTION	QUESTION	MAXIMUM SCORE	CAND. SCORE
A	1-17	30	
B	18-19	20	
C	20-22	20	
		20	
TOTAL SCORE		90	

Section A 30 Marks

Answer ALL the questions in this section on the spaces provided.

1. Name **FOUR** important rabbit breeds in Kenya. (2 marks)

2. State **TWO** characteristics of a beef calf that make it suitable for beef production. (1 mark)

3. State **TWO** ways in which digestion of food in pigs differs from that in a cow. (1 mark)

4. State **TWO** disadvantages of natural incubation in poultry production. (1 mark)

5. State **TWO** uses of proper ventilation in an animal house. (1 mark)

6. State **TWO** functions of additives in silage making. (1 mark)

7. Give **FOUR** features that can differentiate between a good layer and a poor layer. (2 marks)

8. List **FOUR** factors associated to the animal that determine the amount of feed that an animal consumes. (2 marks)

9. State **FOUR** importance of keeping livestock healthy. (2 marks)

10. Outline **FOUR** ways in which ticks are controlled. (2 marks)

11. Give **FIVE** reasons for culling a breeding boar (2 ½ marks)

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12. List any **FOUR** features that are necessary in fish-pond construction. (2 marks)

13. Give **TWO** reasons why double yolks occurs in some eggs. (2 marks)

14. State **FIVE** factors which influence the amount of milk produced by a cow. (2 ½ marks)

15. State **FOUR** causes of infertility in cows. (2 marks)

16. State **FOUR** factors considered in selecting a gilt for breeding stock. (2 ½ marks)

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17. A bull gained 100 kg of live weight after eating 400kg of beef concentrated over a period of time. Calculate the feed conversion ratio. (FCR) (1 ½ marks)

SECTION B (20 MARKS)
(ANSWER ALL THE QUESTIONS IN THIS SECTION)

18. Study the diagram of a cow below and answer the subsequent questions.



i) Identify the livestock equipment marked E above. (1 mark)

ii) State **TWO** uses of the equipment in 18(i) above (2 marks)

iii) Name the **TWO** types of identification marks applied on the animal above. (1 mark)

iv) Show with an arrow and mark with letter P where pye-grease should be applied on the animal.

(2 marks)

v) Give **ONE** disadvantage for each of the identification marks made on the animal. (2 marks)

19 a) Describe the procedure followed in killing and preparing a rabbit Carcass. (7 marks)

b) Explain the maintenance practices carried out on a cattle plunge dip (5 marks)

SECTION C

(ANSWER ANY TWO QUESTIONS IN THIS SECTION)

20. Discuss sheep management from selection of breeding stock to lambing. (20 marks)

21 a) Explain **SIX** factors to be considered when constructing a farm structure. (12 marks)

b) Describe **FOUR** control measures of disease in livestock, for each control measure give an example of a disease controlled. (8 marks)

22. a) Describe the procedure followed during preparation of silage as livestock feed. (16 marks)

b) Explain **FOUR** qualities of good silage. (4 marks)
