
KATULANI SUB-COUNTY KCSE REVISION MOCK EXAMS 2015

AGRICULTURE PAPER 2

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NAME _____ INDEX NO. _____
SCHOOL _____ SIGNATURE _____
DATE _____

443/2

AGRICULTURE

PAPER 2

JULY/AUGUST, 2015

TIME: 2 HOURS

KATULANI SUB-COUNTY FORM FOUR JOINT EXAMINATION, 2015
Kenya Certificate of Secondary Education (K.C.S.E)

443/2

AGRICULTURE

PAPER 2

TIME: 2 HOURS

INSTRUCTIONS TO CANDIDATES

- Write your name, school and index number in the spaces provided above.
- Sign and write the date of the examination in the spaces provided above.
- This paper consists of three sections: A, B and C.
- Answer **all** the questions in section **A** and **B** and **any two** questions from section **C**.
- All answers must be written in the spaces provided in this booklet.
- This paper consists of **12** printed pages.
- Candidates should check the question paper to ascertain that all pages are printed as indicated and that no questions are missing

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Section	Questions	Maximum score	Candidate's score
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A	1 –20	30	
B	21–24	20	
C		20	
		20	
	Total score	90	

SECTION A (30 MARKS)

Answer ALL the questions in this section in spaces provided.

1. What are the secondary hosts of the following parasites?

i) *Taenia solium* (½ mark)

ii) Liver fluke (½ mark)

2. Name **two** methods used in identifying sheep. (1 mark)

3. State **four** factors that may lead to culling in dairy cattle. (2 marks)

4. Name the hormone that initiates the process of milk synthesis. (½ mark)

5. List **three** factors that make embryo transplant unpopular with many livestock farmers. (1½ marks)

6. State **four** advantages of using Kenya Top Bar hive over log hive. (2 marks)

7. List **four** factors that would ensure clean milk production. (2 marks)

8. State **four** signs of infestation by external parasites in livestock. (2 marks)

9. State **two** reasons why it is necessary to have individual calf pens instead of communal calf pens. (1 mark)

10. Give **one** use of each of the following hammers.

a) Ball pein hammer (1 mark)

b) Sledge hammer (1 mark)

11. a) What is raddling in sheep management. (1 mark)

b) State **two** reasons of raddling in sheep management. (1 mark)

12. State **two** signs that show a cow is about to parturate. (2 marks)

13. State **three** reasons for hanging green vegetables in a deep litter house. (1½ marks)

14. State **four** disadvantages of using animal power in the farm. (2 marks)

15. State the functions of each of the following parts of a mouldboard plough. (2 marks)

i) Land side

ii) Mould board

16. Name **two** notifiable diseases in Kenya. (1 mark)

17. Give **two** reasons for washing a cow's udder with warm water. (1 mark)

18. How long is gestation period in:

a) cattle? (½ mark)

b) rabbits? (½ mark)

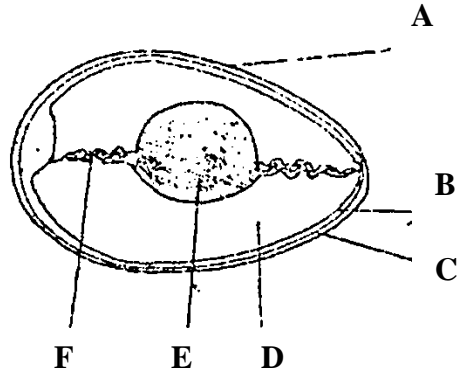
19. State **two** reasons for placing sugar syrup close to beehive. (1 mark)

20. State **three** reasons for maintaining farm tools and equipment in proper condition. (1½ marks)

SECTION B (20 MARKS)

Answer ALL questions in this section in the spaces provided.

21. The diagram below is an illustration of an egg. Study it carefully and answer the questions that follow.



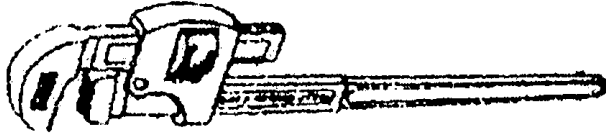
a) Name the parts labelled B, C, D and F. (2 marks)

- B _____
C _____
D _____
F _____

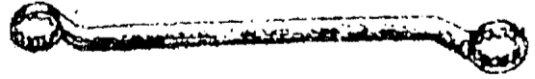
b) State **two** qualities of the part labelled A that should be considered when selecting eggs for incubation. (2 marks)

c) What is the function of the part labelled E in a fertilized egg? (1 mark)

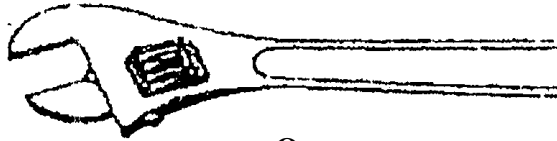
22. The diagrams labelled P, Q and K below represents some tools used in farms.



P



R



Q

a) Name the tools labelled P and Q. (2 marks)

P _____

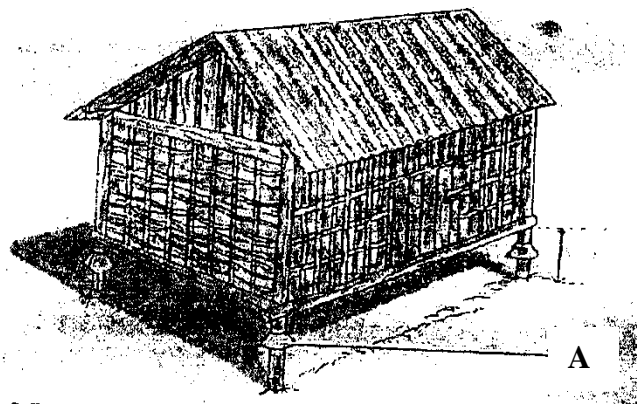
Q _____

b) State **one** functional advantage tool labelled Q have over the tool labelled R. (1 mark)

c) i) What is the function of tool labelled P? (1 mark)

ii) Give the maintenance practice of tool P. (1 mark)

23. Below is a diagram of a grain store.

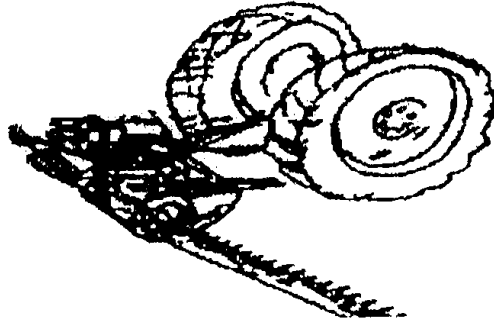


a) Name the part labelled A. (1 mark)

b) State **three** maintenance practices that should be carried out on the grain store before storing crops. (3 marks)

c) Why is it important to have some open spaces on the walls of the store? (1 mark)

24. The diagram below is a tractor drawn implement hitched at the rear of the tractor.



a) Identify the implement. (1 mark)

b) What is the method of power transmission for operating the implement? (1 mark)

c) State **three** maintenance practices that should be carried out on implement. (3 marks)

SECTION C (40 MARKS)

Answer any TWO questions from this section in the spaces provided.

25. a) Describe calf scours under the following subheadings.

i) Causative agent. (1 mark)

ii) Predisposing causes (4 marks)

iii) Symptoms of attack (5 marks)

iv) Control measures (6 marks)

b) State the factors to consider when selecting site for a fish pond. (4 marks)

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26. a) State **four** components of tractor fuel system and function of each. (8 marks)
- b) State any **seven** maintenance practices carried out on a tractor. (7 marks)
- c) i) Give **two** advantages of tractor hire services. (2 marks)
- ii) State the three ways in which implements are attached to the tractor. (3 marks)
27. a) Explain the requirements of an ideal calf pen. (5 marks)
- b) State **six** disadvantages of live fence in the farm. (6 marks)
- c) Describe the various control measures of diseases in livestock in the farm. (9 marks)



