

NAME INDEX NUMBER

SCHOOL SIGNATURE

DATE

443/2

AGRICULTURE

PAPER 2

JULY/AUGUST 2015

TIME: 2 HRS

KISII CENTRAL JOINT EVALUATION

KENYA CERTIFICATE OF SECONDARY EDUCATION (K.C.S.E)

AGRICULTURE

Paper 2

July/ August 2015

Time: 2 hours

INSTRUCTIONS TO CANDIDATES

- Write your name, school, index number and signature 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.
- Answer **all** questions must be written in spaces provided in this question paper.
- Answer questions in English.

FOR EXAMINER'S USE ONLY

Section	Question	Maximum Score	Candidates Score
A	1 - 17	30	
B	18 - 20	20	
C		40	
TOTAL SCORE		90	

SECTION A (30 MARKS)

Answer all questions in this section in the spaces provided.

1. Name the intermediate host for each of the following livestock parasites.

a) Liver fluke (*Fasciola* spp)

(½ mark)

b) Tapeworm (*Taenia solium*)

(½ mark)

2. Define the term predisposing factors of livestock diseases.

(1 mark)

.....

.....

.....

3. State four ways of restraining cattle during routine management.

(2 marks)

.....

.....

.....

.....

4. Give four maintenance practices carried out on the water cooling system of a tractor.

(2 marks)

.....

.....

.....

.....

5. Mention six causes of stress in a flock of layers.

(3 marks)

.....

.....

.....

.....

.....

.....

6. State four factors that would contribute to the depreciation of farm equipment.

(2 marks)

.....

.....

.....

.....

7. Give four harmful effects of Keds (*Melophagus Orinus*) in sheep.

(2 marks)

.....

.....

.....

.....

8. Give two meanings of the term kindling in rabbit management. (2 marks)

.....

.....

.....

.....

9. State four causes of infertility in cows. (2 marks)

.....

.....

.....

.....

10. Outline four functions of vitamins in the body of an animal. (2 marks)

.....

.....

.....

.....

11. State four advantages of wood as construction material. (2 marks)

.....

.....

.....

.....

12. Give two distinguishing features of the dromedary breed of camels. (1 mark)

.....

.....

13. Name four protozoa diseases that affect cattle. (2 marks)

.....

.....

.....

.....

14. Give two functions of each of the following parts of the reproductive system of a cow. (1 mark)

a) Ovary

.....

.....

b) Oviduct

.....

.....

15. Name four categories of vaccines.

(2 marks)

.....

.....

.....

.....

16. Name two channels through which a beef farmer may market his products .

(1 mark)

.....

.....

17. Outline two main sources of bad flavours in milk.

(1 mark)

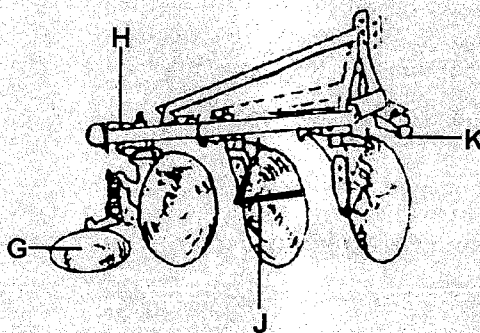
.....

.....

SECTION B (20 MARKS)

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

18. The diagram below shows a farm implement. Study it and answer the questions that follow.



a) Identify the implement illustrated..... (1 mark)

b) Name the parts labelled G, H, J and K. (2 marks)

G H

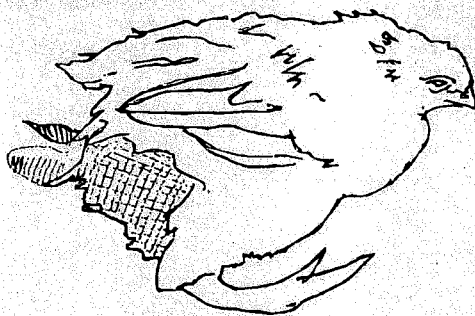
J K

c) State the functions of the parts labelled . (2 marks)

G

K

19. The diagram below illustrates a bird that is suffering from a vitamin deficiency. Study it carefully and answer the questions that follow.



a) Which vitamin is the bird lacking? (1 mark)

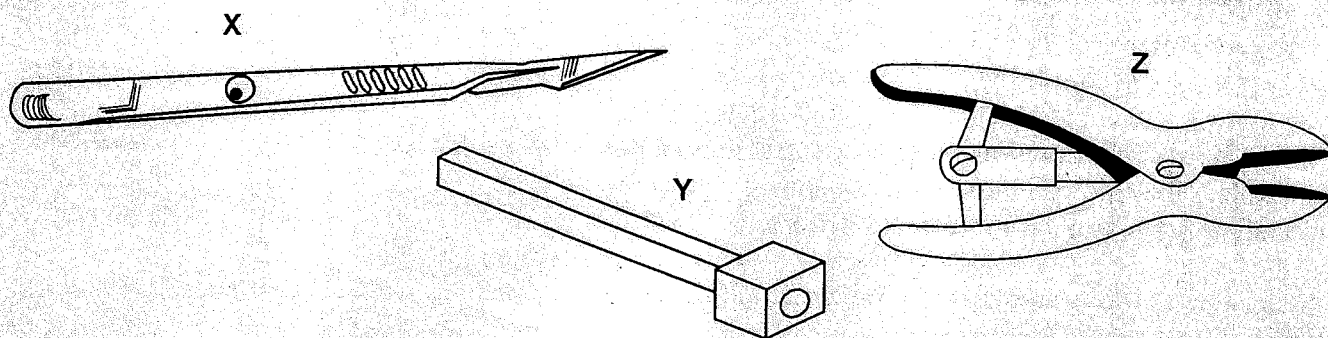
b) Name two sources of the vitamin named in (a) above in poultry.

(2 marks)

c) Give two symptoms observable in birds that lack the vitamin.

(2 marks)

20. Below are illustrations of farm tools. Study them carefully and answer the questions that follow.



a) Identify the tools.

X

(1 mark)

Y

(1 mark)

Z

(1 mark)

b) Name the complementary tools to the tool.

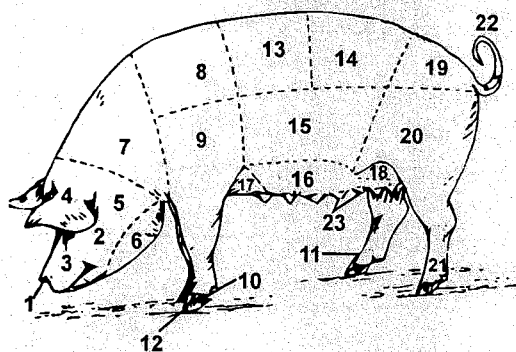
Z

(1 mark)

Y

(1 mark)

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



a) Name the parts labelled.

(2 marks)

1 6

11 13

b) Give three characteristics of the saddle back breed of pigs.

(3 marks)

Answer any TWO questions from this section in the spaces provided after question 24.

- [illegible]