

Name.....

Index No...../.....

School.....

Date

Candidate's Signature.....

443/2
AGRICULTURE
PAPER 2
JULY/AUGUST - 2012
Time: 2 Hours

LOITOKITOK DISTRICT JOINT EVALUATION TEST - 2012
Kenya Certificate of Secondary Education (K.C.S.E)

443/12
AGRICULTURE
Paper 2
JULY/AUGUST - 2012
Time: 2 Hours

INSTRUCTIONS TO CANDIDATES

- (a) Write your name and index number in the spaces provided above.
- (b) This paper consists of Three sections:- A, B and C
- (c) Answer all the questions in sections A and B.
- (d) Answer any two questions in section C.

FOR EXAMINERS USE ONLY

SECTION	QUESTION	MAXIMUM MARKS	CANDIDATES SCORE
A	1 - 16	30	
B	17 - 20	20	
C	21	20	
	22	20	
TOTAL SCORE		90	

*This paper consists of 12 printed pages.
Candidates should check the question paper to ensure that all
pages are printed as indicated and no questions are missing*

SECTION A (30 MARKS)

Answer All questions in the spaces provided.

1. State **four** characteristics of a zebu cow. (2mks)

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2. Give **two** breeds of pigs kept for bacon production. (1mk)

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3. Outline **four** physiological body signs of good health in livestock. (2mks)

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4. State **four** mineral deficiency disorders in growing animals. (2mks)

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5. State any **four** practices that involve handling of animals in the farm. (3mks)

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6. List **four** characteristics of an effective acaricides. (2mks)

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7. State **four** symptoms of roundworm (*Ascaris* spp) attack in sheep. (2mks)

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8. State **four** factors that determine the amount of food given to an animal. (2mks)

9. Describe the **four** microbial activities that take place in the rumen of a ruminant. (2mks)

10. Outline **four** disadvantages of natural mating in cattle. (2mks)

11. State **four** advantages of embryo transplant in dairy cows. (2mks)

12. Outline **four** precautions that should be observed when using workshop tools. (2mks)

13. State **two** feed additives used in stimulating growth and improving feed efficiency
 in livestock production. (1mk)

14. Outline **four** practices carried out on fish after harvesting and before preservation. (2mks)

15. State **four** control measures of egg-eating in poultry. (2mks)

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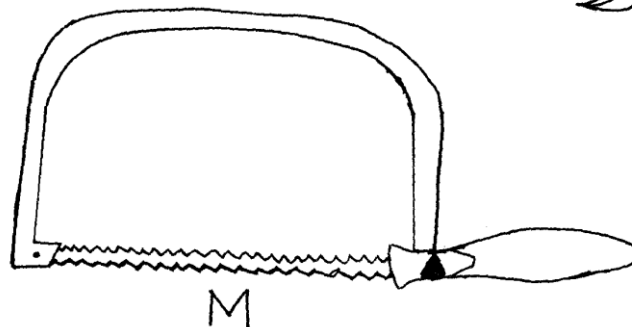
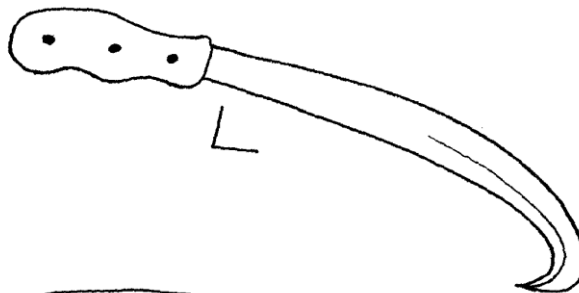
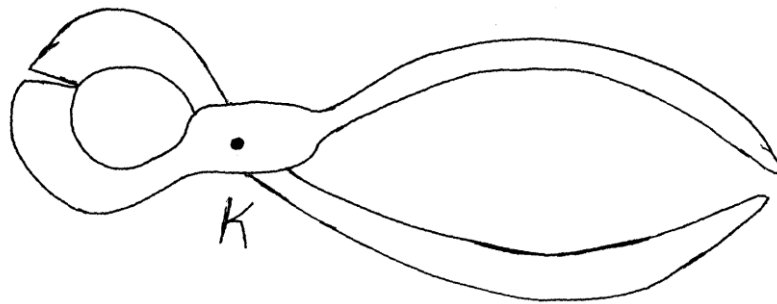
16. name the **four** strokes in a four stroke cycle engine. (2mks)

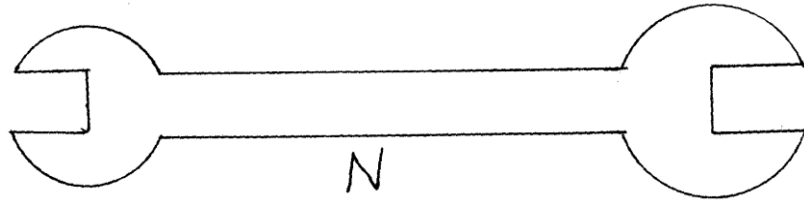
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SECTION B: 20 MARKS

Answer All questions in the spaces provided.

17. Study the following tools carefully and answer the questions that follow.





(a) Identify the above tools K, L, M and N (2mks)

K..... (½ mk)

L..... (½ mk)

M..... (½ mk)

N..... (½ mk)

(b) State the use of tools labeled K and N (2mks)

K.....

N.....

(c) Give **two** maintenance practices of the tool labeled M. (2mks)

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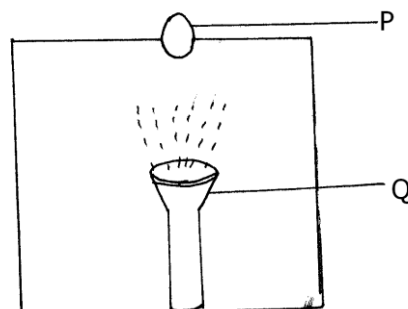
18. (a) Define the term feed conversion ratio as used in livestock production. (1mk)

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(b) A bull gained 100kg of live weight after eating 400kg of beef concentrates over a period of time. Calculate the feed conversion ratio. (2mks)

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19. Study the diagram below carefully and answer the question that follow



(a) Name the practice shown above. (½ mk)

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(b) State the parts labeled P and Q (1mk)

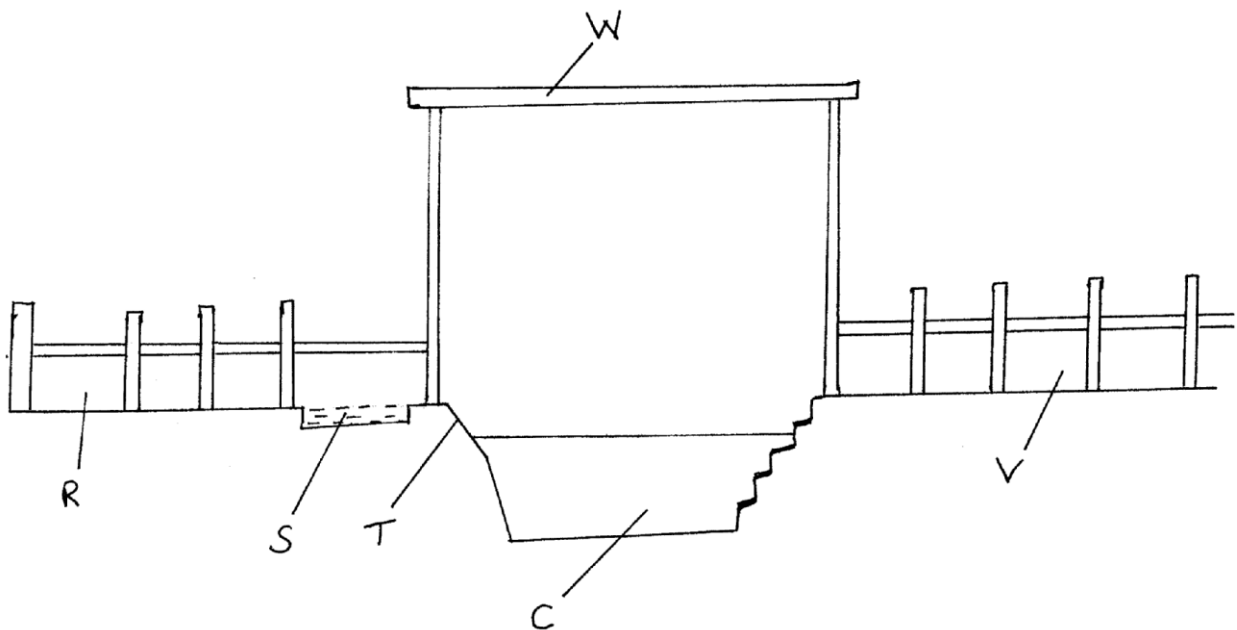
P.....

Q.....

(c) State **three** advantages of carrying out the above process. (3mks)

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20. Study the diagram of a dip below carefully and answer the questions that follow.



(a) Identify the parts labeled R, S, T, U and V. (2 ½ mks)

R..... (½ mk)

S..... (½ mk)

T..... (½ mk)

U..... (½ mk)

V..... (½ mk)

(b) State the functions of parts labeled W and V. (2mks)

W.....

V.....

(c) Name the solution that is placed in the part labeled S. (1mk)

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