

Name

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

School.....

Candidate's sign.....

Date.....

443/2

AGRICULTURE

PAPER 2

JULY/AUGUST 2009

2 Hours

MANGA DISTRICT JOINT EVALUATION TEST - 2009

Kenya Certificate of Secondary Education (K.C.S.E)

443/2

AGRICULTURE

PAPER 2

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INSTRUCTIONS TO CANDIDATES

1. Write your name and index number in the spaces provided
2. Sign and write the date of examination in the spaces provided above.
3. This paper consists of three sections: A, B and C
4. Answer ALL questions in section A and B in the spaces provided.
5. Answer ANY TWO questions in section C in the spaces provided.
6. Answers to ALL questions MUST be written in this booklet.

FOR EXAMINER'S USE ONLY.

SECTION	QUESTIONS	MAXIMUM SCORE	CANDIDATE'S SCORE
A	1-16	30	
B	17-19	20	
C		20	
		20	
TOTAL SCORE			

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

SECTION A (30 MARKS)

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

1. List **three** sets of livestock production tools that are complimentary in their use. (1½mks)

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2. Give **two** physical characteristics of the earlops breed of rabbit. (3mks)

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3. State **two** conditions when supplementary feeding of bees is necessary. (1mk)

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4. List **four** factors that are considered when selecting a boar for breeding. (2mks)

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5. State **four** reasons why a calf should be fed on colostrums. (2mks)

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6. State **two** uses of wind power on the farm. (2mks)

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7. Name any **four** reasons necessitating handling of livestock in the farm. (1mk)

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8. State **three** factors considered when formulating pig Ration. (3mks)

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9. List **four** implements that can be connected to the power take off shaft (P.T.O) (3mks)

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10. State **four** factors that determine the choice of materials for constructing farm structures. (2mks)

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11. (a) What causes foot rot? (½mk)

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(b) State **two** predisposing factors of foot rot. (1mk)

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12. (a) Define the term feed conversion ratio 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 ration (FCR) (1 ½ mk)

13. State **two** field conditions under which a fork jembe would be more suitable to use than a jembe. (2mks)

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14. State **four** maintenance practices carried out on a tractor battery. (2mks)

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15. Give **one** reasons why ruminants are able to digest napier grass. (2mks)

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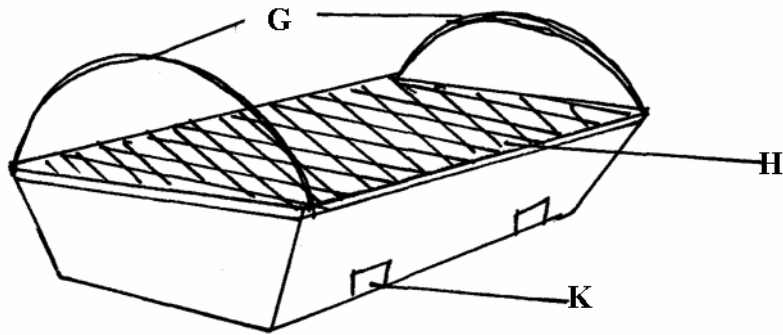
16. What **two** abnormalities would required the attention of a veterinary officer during parturition. (1mk)

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SECTION B (20 MARKS)

Answer all questions in this section in the spaces provided.

17. Below is a diagram illustrating a beehive. Study carefully and answer the questions that follow.



(a) Name the type of beehive shown (1mk)

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(b) Give names of **two** other types of hives. (1mk)

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(c) Name the parts labeled G, H and K (1mk)

G.....

H.....

K.....

(d) What tool is used for detaching honey combs during honey harvesting. (1½mk)

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18. Study the diagram below and then answer the questions that follows.



(a) Name the parts labeled I, J, K and L.

I.....

J.....

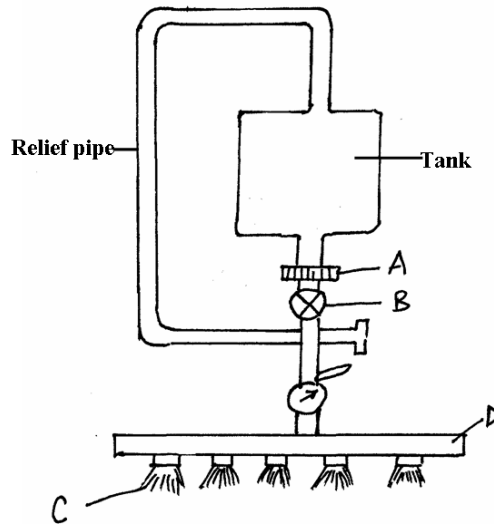
K.....

L.....

(b) What is the function of the parts labeled I, J, K and L. (2mks)

Part	Function
I.....
J.....
K.....
L.....

19. The diagram below illustrates a farm implement. Study it and answer the questions that follow.



(i) Name the parts labeled A, B, C and D (4mks)

- A.....
- B.....
- C.....
- D.....

(ii) How is the above implement attached to the tractor and operated? (2mks)

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(iii) Give **four** maintenance practices carried out on the above implement. (4mks)

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20. Study the diagram below of farm tools and equipment and answer questions that follow.



(i) Identify tool M and N (1mk)

M.....

N.....

(ii) State **one** functional difference between M and N (1mk)

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(iii) State **two** maintenance practices of tool M. (1mk)

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