

Name..... Index No.....

School..... Signature..... Date.....

443/2

AGRICULTURE PAPER 2

2 HOUR

SUBUKIA DISTRICT JOINT EVALUATION TEST – 2013

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

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. Answer all questions in section A and B.
4. Answer **two** questions from Section C
5. Answer to ALL questions MUST be written in the spaces provided.

FOR EXAMINER'S USE ONLY

SECTION	QUESTIONS	MAXIMUM SCORE	CANDIDATE'S SCORE
A	1 – 20	30	
B	21-24	20	
C	25	20	
	26	20	
	27	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 (30MARKS)

Answer all question in the spaces provided

1. Name a pig breed with the following features White body colour , erect ears, dished snout, big in body size (½mk)

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2. What does the term 'epistasis' mean in livestock improvement? (1mks)

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3. Give four reasons of treating timber before roofing farm buildings (2mks)

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4. State four abnormalities of eggs that can be detected during egg candling. (2mk)

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5. Give two parasites of cattle which are also disease vectors (1mks)

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6. State four ways of minimizing disowning of lambs by ewes (2mk)

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7. Name a tool used for tightening barbed wires fencing (½ mk)

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8. Mention two predisposing factors of foot rot disease in sheep (1mk)

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9. State four advantages of hedges (2mks)

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10. (a) Define the term "Zoonotic disease" (1mk)

.....
(b) Give two examples of Zoonotic diseases (2mk)

.....
11. Name the three methods of livestock selection (1 ½ mks)

.....
12 Differentiate between the following breed terms (2mks)

(i) Bull and Bullock

(ii) Billy and Nanny

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.....

13. Calculate how much of wheat (35% D.C.P) would be mixed with sunflower feed cake (10%) D.C.P) to come up with duck mash 20% D.C.P (3mks)

14. State four good qualities of honey (2mks)

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15. State four desirable features of a rabbit hutch (2mks)

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17. Why is it necessary to provide grit to birds (1mk)

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19. Name three dual purpose breeds of cattle (1 ½ mk)

.....

20. State four ways in which vaccines may be administered to animals (2mks)

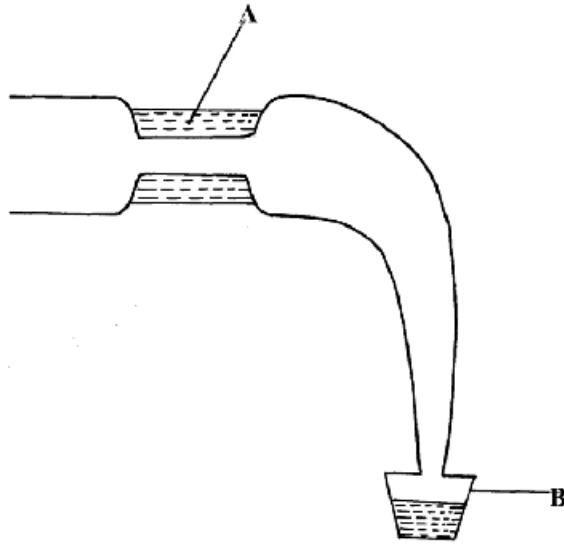
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c) **State** any **two** factors a farmer needs to consider before starting the above identified agricultural production (2mks)

22. The illustration below shows a livestock equipment. Study it and answer the questions that follows

(a)



Identify the above diagram (½mk)

i)

.....

ii) Name the parts labeled **A** and **B**

(1mk)

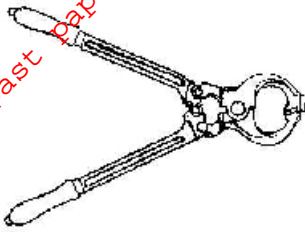
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b) Describe the procedure of collecting semen from a bull using the equipment above (4mks)

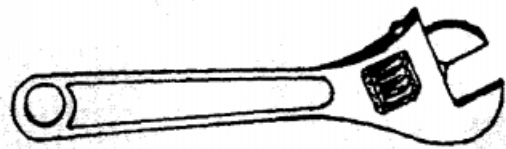
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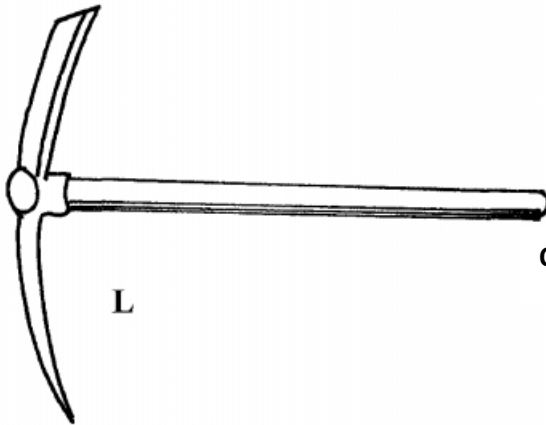
B.....



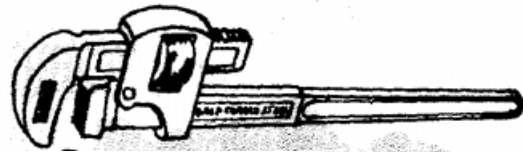
M.....



N.....



L



O.....

(a) Identify the tools B, M, N, O

(2½mk)

B.....

M.....

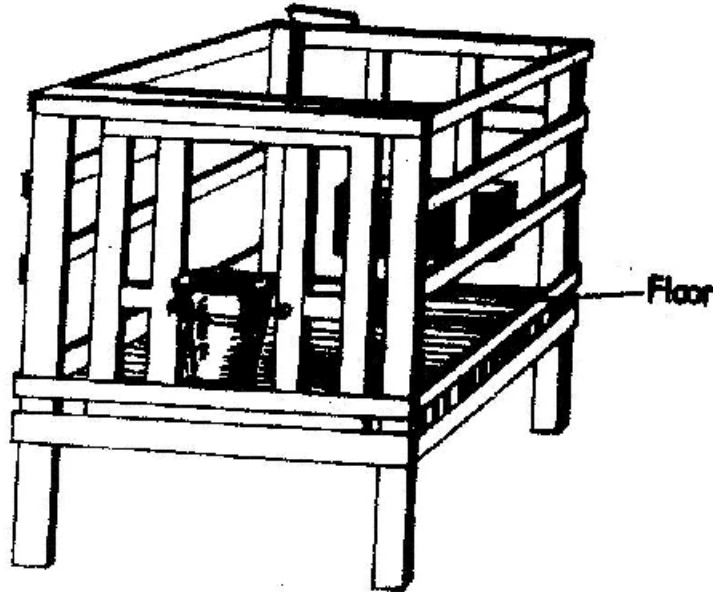
N.....

O.....

(b) Give one functional advantage of tool M over tool N

(1mk)

24. The diagram below represents farm structure. Study the diagram and answer the questions that follow.



(a) (i) identify the structure (½ mk)

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(
ii) Identify the type of floor. (½ mk)

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(ii) How high should the floor be raised above the ground level? (½ mk)

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(c) Five reason for maintaining animal healthy (5mks)

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26. Describe Anthrax disease under the following headings

(a) Causal organism (1mk)

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(b) Signs of infection (5mks)

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(c) Control and measures (4mks)

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27. (a) Describe the factors to consider when siting a beehive to prevent swarming (5mks)

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(b) Sign of farrowing (5mks)

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(c) Importance of lubrication system in tractor engine (2mks)

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(d) Name and describe the four stroke cycle (8mks)

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