

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

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

443/2  
AGRICULTURE  
PAPER 2  
FORM 4  
MARCH / APRIL 2013  
TIME: 2HOURS

**BARINGO NORTH TRIAL EXAMINATIONS - 2013**  
**The Kenya Certificate of Secondary Education (K.C.S.E)**

**INSTRUCTIONS TO CANDIDATES**

1. Write your name, School and Index Number in the spaces provided above.
2. This paper consists of three Sections A,B and C.
3. Answer ALL the questions in Section A and B and Two Questions from Section C.

**FOR EXAMINER'S USE ONLY**

Section	Question	Max. Score	Cand. Score
A	1 - 15	30	
B	16 - 18	20	
C	19	20	
	20	20	
	21	20	
<b>TOTAL SCORE</b>		<b>90</b>	

*This paper consists of 8 printed pages.  
Candidates should check the question paper to ensure that all pages are  
printed as inticated an no questions are missing.*

**SECTION A: (30MARKS)**

**Answer ALL questions in this section.**

1. State the **three** main types of chicken. (1½ marks)  
.....  
.....
2. State **three** breeds of goats that are kept for milk production. (1½ marks)  
.....  
.....
3. List down **four** parasites/pests that attack bees. (2marks)  
.....  
.....
4. Explain the terms starch equivalent (SE) and crude fibre (CF) as used in Agriculture. (2marks)  
.....  
.....
5. Identity **two** animals attacked by coccidiosis. (1 mark)  
.....  
.....
6. a) State **two** reasons for washing a cows' udder with warm water. (1mark)  
.....  
.....
- b) How long is the gestation period in:-  
i) Sows (½ marks)  
.....  
ii) Rabbits (½ marks)  
.....  
iii) Cattle (½ marks)  
.....
- c) Give **three** reasons for docking in young lambs. (1½ marks)  
.....  
.....

7. Differentiate between the Pen mating and flock mating as used in poultry management. (2marks)

.....

.....

.....

8. Give **four** functions of protein in a lactating cow (2marks)

.....

.....

.....

9. Mention **four** methods of improving an animal's productivity. (2marks)

.....

.....

.....

10. a) State **four** reasons why farmers must maintain farm structures. (2marks)

.....

.....

.....

b) State **two** advantages of using wood in construction of farm building. (1mark)

.....

.....

.....

11. Describe symptoms of anthrax in cattle. (2marks)

.....

.....

.....

12. State **four** ways a farmer may identify laying birds in a flock of layers. (2marks)

.....

.....

.....

13. Give **four** non chemical methods of controlling ticks. (2marks)

.....

.....

.....

14. Mention **four** precautions to be observed when using workshop tools. (2marks)

.....

.....

.....

15. State **two** reasons that make drenching alone ineffective in controlling internal parasites. (1mark)

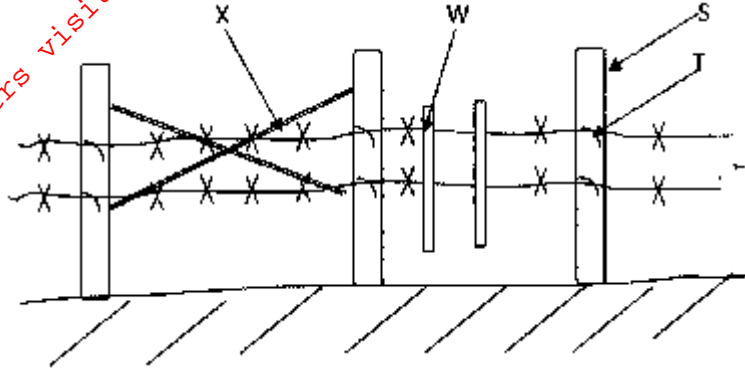
.....

.....

**SECTION B:**

**Answer ALL questions in this section.**

16. a) Below is a diagram of a farm structure.



i) Identify it (1mark)

ii) Name the parts marked W, X, S, T (2marks)

W: .....

X: .....

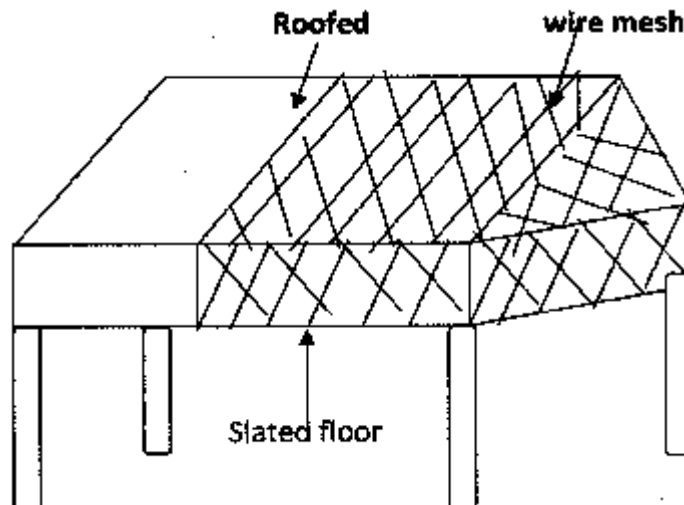
S: .....

T: .....

iii) State **one** function of the part labelled W and X. (2marks)

Part	Functions
W	
X	

b) Use the diagram of rabbit hutch to answer questions that follow.



i) State **two** uses of the part that is roofed. (2marks)

.....  
.....

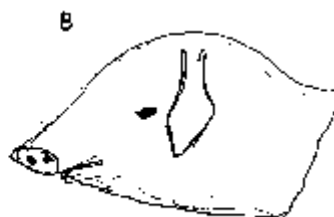
ii) Give **two** importance of slated floor. (1mark)

.....  
.....

iii) State **two** functions of the part covered with wire mesh. (2marks)

.....  
.....

17. Below are diagrams showing the structure of two white breeds of pigs.



i) Identify the breed labeled:- (2marks)

A: .....

B: .....

ii) State observable differences between the structure of pig breed A and B. (2marks)

.....  
.....  
.....

iii) Identify the type of pig you have identified in:

A: .....

B: .....

18. a) Below is an illustration of an adult, livestock parasite. Identify it (1mark)



b) In which organ in livestock is the parasite above found? (1mark)

.....

c) State **one** main harmful effect of the parasite in livestock. (1mark)

.....  
.....





