

Name: Index No:

Candidate's Signature:.....

Date:

443/2
AGRICULTURE
PAPER 2
JULY/AUGUST 2014
TIME: 2 HOURS

RACHUONYO SOUTH SUB-COUNTY JOINT EVALUATION EXAM

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

44/2
Agriculture
Paper 2
2 hours

INSTRUCTIONS TO CANDIDATES:

- Write your **name** and **index number** in the spaces provided.
- **Sign** and **write the date** of examination in the spaces provided
- This paper consists of **three** section **A, B** and **C**
- Answer all questions in section **B** and **C**
- Answer any **two** questions in section **C**
- All the questions should answered in the spaces provided

FOR EXAMINERS USE ONLY

SECTION	QUESTIONS	MAX SCORE	CANDIDATES SCORE
A	1-17	30	
B	18-21	20	
C	22-24	20	
		20	
TOTAL		90	

This paper consists of 8 printed pages. Candidates should check to ascertain that all pages are printed as indicated and that no questions are missing.

SECTION A (30 MARKS)

Answer all questions from this section in the spaces provided.

1. Mention **two** examples of meat goats in Kenya (1mk)
.....
.....
2. Give the functions of the following parts in the male reproductive system of a goat (1mk)
(i) Testes
.....
(ii) Urethra (1mk)
.....
3. State **three** factors that affect digestibility of a feed in dairy animals (1 ½ mks)
.....
.....
.....
4. State **three** factors to consider when selecting eggs for sale (1 ½ mks)
.....
.....
.....
5. Give **two** uses of a gear box in a tractor (2mks)
.....
.....
6. Differentiate between out crossing and cross breeding as used in livestock production (2mks)
.....
.....
.....
7. State **three** reasons for weighing livestock at weaning stage (1 ½ mks)
.....
.....
.....
8. State **four** functions of vitamins (2mks)
.....
.....
.....
.....

For More Free KCSE Past Papers Visit www.freekcsepapers.com

9. State **two** advantages of using wood as a construction material (2mks)

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

10. Mention **four** safety precautionary measures when using electric power in the farm (2mks)

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

11. Name **two** tractor drawn implements that are attached to the draw bar (1mk)

.....
.....

12. Give **two** uses of footbath in a plunge dip (2mks)

.....
.....

13. State **two** possible channels through which Kenya farmers can market their livestock (2mks)

.....
.....

14. State **two** disadvantages of using hurricane lamps and lanterns as providers of heat in a brooder (2mks)

.....
.....

15. Give **four** ways of stimulating milk let down in a dairy cow (2mks)

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

16. State **two** functions of additives in silage making (2mks)

.....
.....

17. State the uses of the following tools and equipments (1 ½ mks)

(i) Chipping harmer

.....

(ii) Tinship

.....

(iii) Router

.....

SECTION B (20 MARKS)

Answer all the questions in this section in the spaces provided

18. The diagram below shows the male reproductive organ in cattle. Study it and answer the questions that follow

Diagram

(a) Name the parts labeled Z and W (2mks)

Z

W

(b) State **two** functions of the part labeled Y (2mks)

.....

.....

19. Below is a diagram of a farm implement

Diagram

(a) Identify the implement (½ mk)

.....

(b) Label the parts marked A,B,C,D and E (2 ½ mks)

A.....

B.....

C.....

D.....

E

(c) State the functions of the parts labeled C and E (2mks)

.....
.....

20. A farmer wants to prepare a ration for layers containing 18% DCP using maize germ 20% DCP and wheat bran 10% DCP.

(a) Calculate using Pearson's square method the amount of each feed-stuff needed in order to prepare 100kg of feed (5mks)

(b) Name **one** other method the farmer can use to compute the ratio (1mk)

.....

21. The diagrams below illustrate a **four** stroke cycle engine system. Study it and answer the questions that follow

Diagram

(a) State the **four** stages of the **four** stroke cycle engine **G,H,I** and **J** (2mks)

G.....

H.....

I.....

J.....

(b) Mention **two** disadvantages of a four stroke engine (2mks)

.....
.....

(c) What is the function of part K (1mk)

.....

SECTION C

Answer any two questions from this section in the spaces provided.

22. (a) Discuss the importance of keeping livestock healthy (8mks)

(b) State the daily maintenance and servicing of a tractor (10mks)

(c) Explain **two** maintenance practices carried out in a fish pond (2mks)

