

NAME.....  
SCHOOL:.....  
CANDIDATE'S SIGN: .....

INDEX NO:.....  
DATE: .....

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

# MUHORONI DISTRICT JOINT EVALUATION EXAM

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

Agriculture  
Paper 2

### INSTRUCTIONS TO CANDIDATES

- Write your **name** and **index** number and school in the spaces provided above.
- **Sign** and **write** the **date** of examination in the spaces provided above.
- This paper consists of **three** sections; **A, B** and **C**.
- Answer **All** the questions in section **A** and **B** in the spaces provided and any **two** questions from section **C** in the answer sheet provided.

### FOR EXAMINER'S USE ONLY

SECTION	QUESTIONS	MAXIMUM SCORE	CANDIDATE'S SCORE
A	1- 20	30	
B	21 - 25	20	
C		20	
		20	
	<b>TOTAL SCORE</b>	<b>90</b>	

*This paper consists of 11 printed pages. Candidates should check to ascertain that all pages as indicated and that no question are missing.*

**SECTION A (30MARKS)**

*Answer all the questions in the spaces provided.*

1. Give **two** reasons why docking is an important practice in sheep management. (1mrk)  
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.....
  
2. (a) Name the camel breed that is adapted to cooler regions and has wooly body covering. (½mrk )  
.....  
.....  
  
(b) Give **one** reason why Friesian’s milk is more whitish while Jersey milk is Yellowish. ( ½ mrk)  
.....  
.....
  
3. Give any **two** uses of litter materials in a poultry house. (1mrk)  
.....  
.....
  
4. Give **four** advantages of using stones as construction materials. (2mrks)  
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5. Outline **three** methods of stocking a bee hive. (1½mrks)  
.....  
.....  
.....
  
6. List **four** way in which vaccines are administered to an animal. (2mrks)  
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.....  
.....  
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7. Give **four** predisposing factors to livestock diseases. (2mrks)  
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.....  
.....  
.....

8. Give **four** functions of proteins in the body of an animal. (2mrks)
- .....
- .....
- .....
- .....
- 9 Name the tool used together with each of the following tools. (1mrk)
- (a) Canula.....
- (b) Brace.....
10. Differentiate between flushing and steaming up in livestock management. (2mrks)
- .....
- .....
- .....
11. State **two** roles of drones in a bee colony. (1mrk)
- .....
- .....
12. Give **two** maintenance practices of a calf pen. (1mrk)
- .....
- .....
13. Give **two** reasons for teeth clipping in piglets. (1mrk)
- .....
- .....
14. Give **four** circumstances in which animal power is preferable to tractors power (2mrks)
- .....
- .....
- .....
- .....
- 15 What do you understand by the term raddling as used in sheep management. (1mrk)
- .....
- 16 Name **one** intermediate host in life cycle of a liverfluke. (1mrk)
- .....
- 17 Give any **three** maintenance practices in a green house. (1½mrks)
- .....
- .....
- .....

18. Give **two** faults of ignition system. (1mrk)

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19. Give **four** conditions that the animal structure should meet in order to help in controlling livestock diseases. (2mrks)

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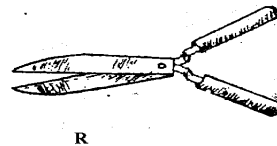
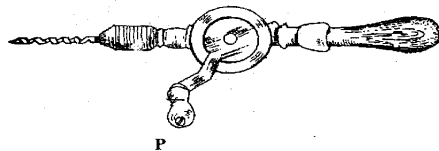
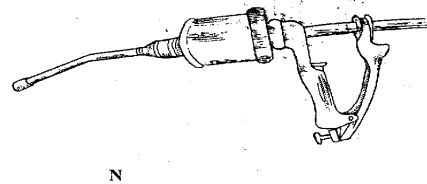
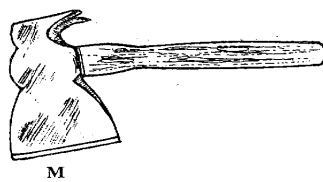
20. Give **six** signs to show that a cow is on heat. (3mrks)

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**SECTION B (20MARKS)**

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

21. Below are illustrations of farm tools and equipment. Study them carefully and answer the questions that follows.



(a) Identify the above tools. (2mrks)

**M:** .....

**N:** .....

**P:** .....

**R:** .....

(b) State **one** main use of each tool. (1mrk)

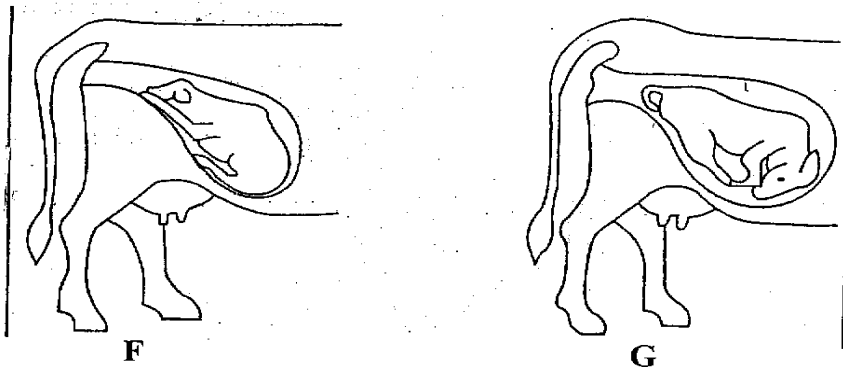
**M:**.....

**R:**.....

(c) Explain **one** maintenance practice carried out on tool **P**. (1mrk)

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.....

22. Study the diagram below and use them to answer the questions that follow.



(a) Which of the foetus is in the correct position of parturition? (1mrk)

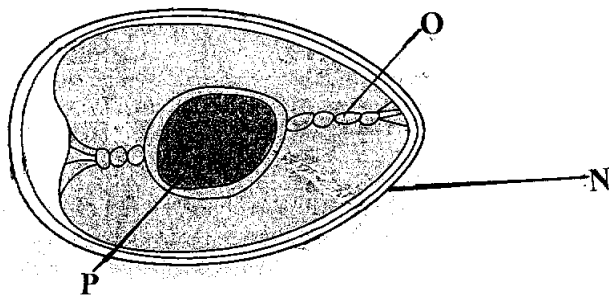
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(b) Name the type of parturition for the foetus **F** and **G**. (2mrks)

**F:**.....

**G:**.....

23. Study the diagram of an egg below and answer the question that follow.



(a) Name the parts labeled: (1½ mrks)

**N:**.....

**O:**.....

**P:**.....

(b) State the functions of the parts **O** and **N**. (2mrks)

**O:**.....

**N:**.....

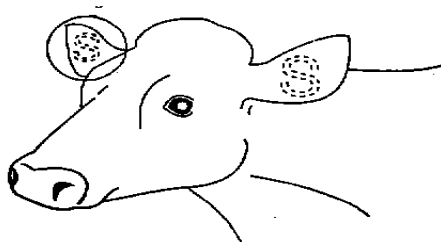
(c) Give any **three** qualities of eggs used for incubation. (1½ mrks)

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.....  
.....

24 A farmer to prepare a **200kg** of chick ration containing **20% DCP**. Using person' square method, calculate the amount of maize containing **10%DPC** and sunflower containing **35% DCP** the farmer would need to prepare the ration. (*Show your workings*) (5mrks)

25 (a) Name the method of identification shown below. (1mrk)

.....



(b) Name the tool used for carrying out the above practice. (1mrk)

.....  
.....

(c) Name **two** other methods for identifying animals. (1mrk)

.....  
.....

**SECTION C (40MARKS)**

*Answer any two questions from this section in the answer sheet provided.*

26. (a) Discuss milk fever disease under the following headings:
- (i) Animal affected. (2mrks)
  - (ii) Symptoms. (5mrks)
  - (iii) Control measure. (3mrks)
- (b) (i) Describe the life of liverfluke. (7mrks)



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**ANSWERS:**

Order a copy of answers from [www.schoolsnetkenya.com/order-e-copy](http://www.schoolsnetkenya.com/order-e-copy)

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