

CATHOLIC DIOCESE OF KAKAMEGA
MUMIAS ZONE JOINT EVALUATION TEST
 Kenya Certificate of Secondary Education



443/2

Paper 2

AGRICULTURE Theory

Form Three October, 2024 Exam – 2 hours

Name: Adm no:

School: Stream: Date:

INSTRUCTIONS TO CANDIDATES.

- (a) This paper consist of Three section A, B and C .
- (b) Answer all question in section A and B.
- (c) Answer any Two questions in section C.
- (d) The questions should be answered in English.

FOR EXAMINERS USE ONLY.

SECTION	QUESTION	MAX.SCORE	CANDIDATES SCORE
A	1-17	30	
B	18-21	20	
C	22-24	20	
		20	
		20	

SECTION A.(30MARKS)

Answer all questions in this section in the spaces provided.)

1. Explain **TWO** maintenance practices that should be done on a wheelbarrow. (1mk)

.....
.....

2. (a)Name a breed of goat kept mainly for mohair (wool) production. ($\frac{1}{2}$)

.....
.....

- (b) Mention **TWO** distinguishing characteristics of the bacterian camel breed.(1mk)

.....
.....

3. Name **THREE** rabbit breed reared in Kenya.($1\frac{1}{2}$)

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

4. (a) State **FOUR** methods of maintaining good health in livestock production.(2mks)

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

- (b) What is vaccination? (1mk)

.....
.....

5. State **FOUR** symptoms of internal parasite infestation in animals. (2mks)

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

- 6.State **TWO** commonly used methods of computation of livestock feeds. (1mk)

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

- 7 State **FOUR** disadvantages of natural mating as a method of breeding in dairy cattle production. (2mks)

.....

8. Give the differences of the following livestock practices as used in livestock production.

(a) Ringing and Radding.(1mk)

.....
.....

(b) Topping and serving(1mk)

.....
.....

9. (a) Name TWO methods of harvesting fish.(1mk)

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

(b) State TWO roles of the queen bee in the colony.(1mk)

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

10. Name FOUR maintenance practices to be done on a wire fence.(2mks)

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

11(a) Name TWO notifiable diseases in cattle.(1mk)

.....
.....

(b) List FOUR routes through which pathogens can enter the body of an animal. (2mks)

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

12. What is cropping in Aquaculture.(1mk)

.....
.....

13. State any TWO signs that a sow would show before farrowing.(1mk)

.....
.....

14. Give FOUR qualities of a good vaccine.(2mks)

.....

15. State two bacterial disease affecting cattle.(1mk)

.....
.....

16. State FOUR methods of extracting honey combs.(2mks)

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

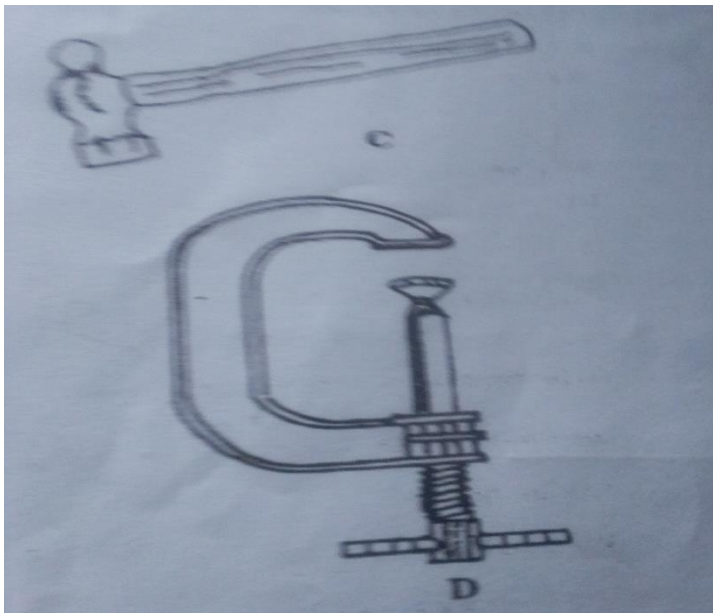
17. List FOUR uses of a crush.(2mks)

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

SECTION B: (20MARKS)

Answer all questions from this section in the spaces provided.

18. Below are illustrations of tools used in Agriculture.



(a) Identify tools C and D.(2mks)

.....
.....

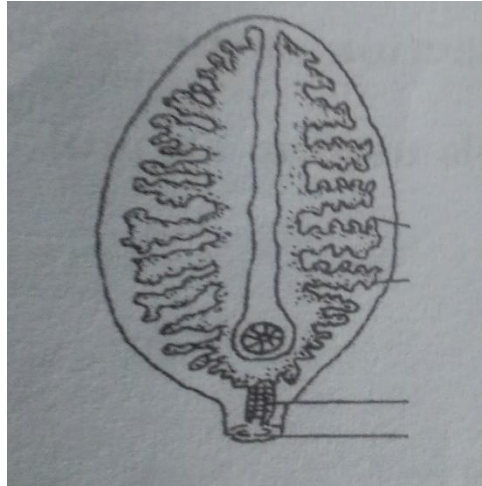
(b) State one appropriate use of tool labelled C.(1mk)

.....
.....

(c) Explain TWO maintenance practices for tools labeled D(2mks)

.....
.....

19. The diagram below shows a livestock parasite. Use it to answer questions that follow.



(a) Identify the parasite shown above.(1mk)

.....
.....

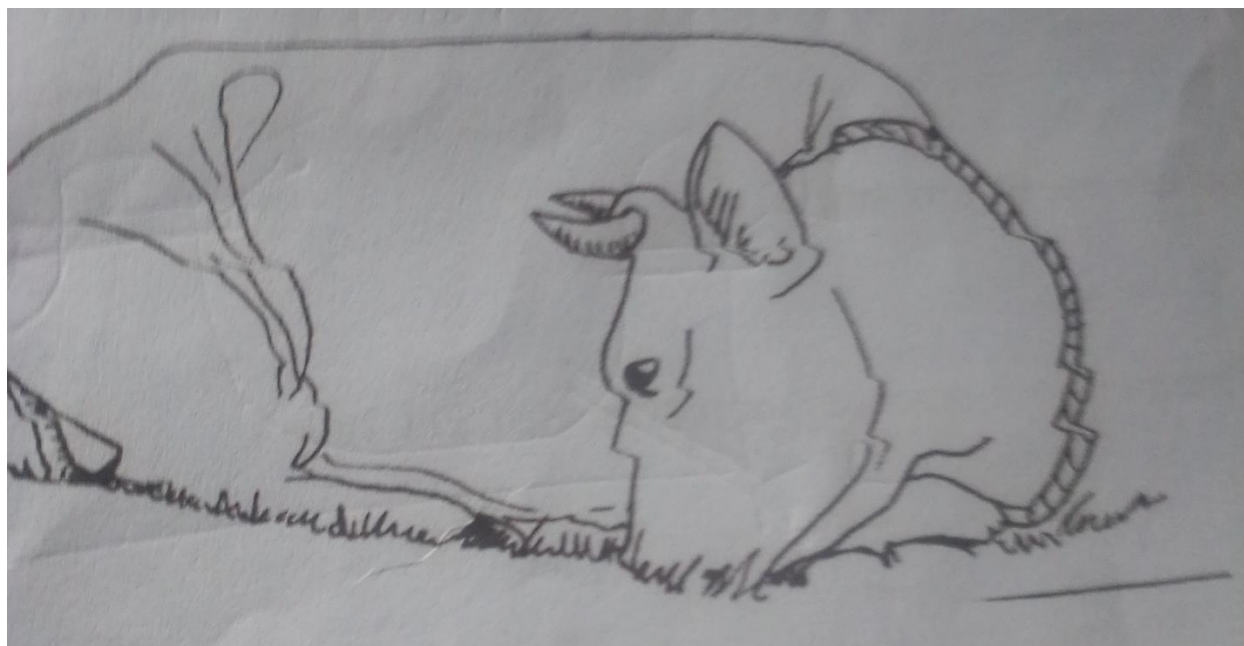
(b) Name the disease caused by the parasite shown above.(1mk)

.....
.....

(c) State THREE control measures for the parasite.(3mks)

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

20. The illustration bellow shows a livestock from a malnutrition condition.



(a) Identify the deficiency disease the animal is suffering from.(1mk)

.....
.....

(b) Which food element is the animal lacking?(1mk)

.....
.....

(c) A part from the symptom shown above, name THREE other symptoms shown by the animal suffering from above condition. (3mks)

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

SECTION C (40MARKS)

Answer any TWO question from this section in the spaces provided.

- 22.(a) Give importance of keeping livestock in Kenya.(5mks)
- (b) State FIVE indicators that can be observed on the sheep to confirm sickness.(5mks)
- (c) State five reasons for feeding livestock.(5mks)
- (d) Explain five factors to be considered when siting a farm store.(5mks)
- 23. (a) Describe how a newly constructed pond is prepared and stocked with fingerlings.(9mks)
- (b) Give SIX signs of heat in cattle.(6mks)

A series of horizontal dotted lines spanning the width of the page, intended for writing or drawing.

