# NYAHOKAKIRA CLUSTER TWO 2024

Kenya Certificate of Secondary Education

443/2

## AGRICULTURE

Paper 2

July 2024 - 2 Hours

Name:	Adm. No:
	School

### Instructions to Candidates

- (a) Write your name, admission number, stream and school in the spaces provided above.
- (b) This paper consists of three sections; A, B and C
- (c) Answer all the questions in section A, B and any two questions from section C.
- (d) Candidates should check the question paper to ensure that all the pages are printed as indicated and no questions are missing.

SECTION	QUESTION	MAXIMUM	CANDIDATES
		SCORE	SCORE
A	1-17	30	
В	18-21	20	
С	22	20	
	24	20	
Т	TOTAL SCORE	90	

# SECTION A: (30 MAKS) Answer all the questions in the spaces provided

1.	Name four breeds of sheep reared in Kenya.	(2mks)
2.	Give the appropriate term that refers to each of the following.  a) Castrated chicken	(1mk)
	b) Young one of a rabbit	(1mk)
3.	Distinguish between the following terms as used in livestock health a) Isolation and quarantine.	(1mk)
	b) Curative drug and prophylactic drug.	(1mk)
4.	State four uses of water in animal's body.	(2mks)
5.	State two causes of soft shelled eggs.	(1mk)
6.	Name four farm structures used for handling livestock.	(2mks)
7.	Name two parts of farm building that can be reinforced using concrete.	(1mk)

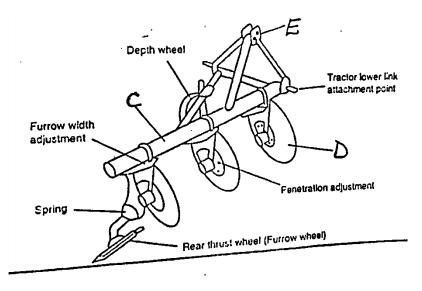
8.	Give four factors considered when siting a fish pond in a farm.	(2mks)
9.	State four advantages of Kenya Top Bar Hive.	(2mks)
10.	State four properties of good vaccines.	(2mks)
11.	State four features on the animal which may pre-dispose it to livestock diseases.	(2mks)
12.	State four factors considered during sorting out and grading eggs for marketing.	(2mks)
13.	Name four milking materials and equipment required during milking process.	(2mks)

14. a) What is dry cow therapy?	(1mk)
b) At what stage of gestation is dry cow therapy practiced.	(1mk)
15. State two functions of a clutch in a tractor.	(2mks)
16. State two advantages of housing calves singly in cattle management.	(1mk)
17. State two methods of docking in sheep.	(1mk)

### **SECTION B: (20 MARKS)**

### Answer all the questions in the spaces provided

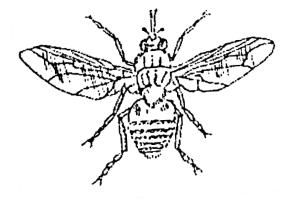
18. Study the following farm implement and answer the questions that follow;



a)	identify the above implement.	(1mk)

b)	Identify the parts shown by letters C and D.	(2mks)
C:		
c)	Give two reasons that make the implement better in land preparation.	(2mks)
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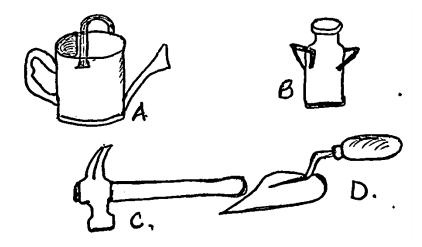
19. The diagram below shows a livestock parasite



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

b) State two harmful effects of the above parasite on livestock. (2mks)

20. The diagram below represents farm tools and equipment.



a)	Identify tools marked B, D and A.	(3mks)
В:	•	
	•	
<b>A:</b>	<u> </u>	
b)	Give one use of tool C.	(1mk)
c)	Give one maintenance on tool A.	(1mk)
21. Th	ne diagram illustrates the hoof of a sheep. Study it carefully and answer questions that follows the diagram illustrates the hoof of a sheep. Study it carefully and answer questions that follows the diagram illustrates the hoof of a sheep. Study it carefully and answer questions that follows the diagram illustrates the hoof of a sheep. Study it carefully and answer questions that follows the diagram illustrates the hoof of a sheep. Study it carefully and answer questions that follows the diagram illustrates the hoof of a sheep.	)W.
a)	Name the routine management practice that should be carried out on the hoof illustrated.	Above. (1mk)
b)	State two reasons for carrying out the management practice in (a) above.	(2mks)
c)	Name two tools use to carry out the above practice.	(2mks)
c)	Name two tools use to carry out the above practice.	(2mks)

### SECTION C: (40 MARKS)

### Answer any two questions from this section in the spaces provided after every question

22	. a) Describe the preparations made in a brooder in readiness to receive day old chicks.	
	,	(10mks)
	b) Describe five practices that would ensure clean milk production.	(5mks)
	c) Describe the life cycle of a two host tick.	(5mks)
23	. a) Give five differences between diesel and petrol engine.	(5mks)
	b) Describe anthrax diseases under the following sub-headings	
	i) Causal organism.	(1mk)
	ii) Signs of infections/symptoms	(6mks)
	iii) Control measures.	(3mks)
	c) Explain five factors a farmer should consider in the construction of farm structures.	(5mks)
24	. a) Explain five factors that affect digestibility of a feed material.	(5mks)
	b) Describe the process of harvesting honey using heat method.	(5mks)
	<ul><li>c) Explain five advantages of battery cage system in poultry farming.</li><li>d) State five causes of livestock diseases.</li></ul>	(5mks) (5mks)