



MASENO SCHOOL

Name: Index Number:

Candidate's Signature: Date:

THE MASENO SCHOOL MOCK EXAMINATIONS

443/2
AGRICULTURE
PAPER 2
JULY/AUGUST 2019
TIME: 2 HOUR

AGRICULTURE
PAPER2
TIME: 2 HOURS

231/2-Biology- P12

Tuesday 23/07/2019

Time: 8:00am-10:30am

INSTRUCTIONS TO CANDIDATES:

- (a) Write your name and index number in the spaces provided above.
- (b) Sign and write the date of examination in the spaces provided above.
- (c) This paper consists of **THREE** Sections A, B and C.
- (d) Answer **ALL** questions in Section A and B.
- (e) Answer **ANY Two** questions in Section C in the spaces provided.

FOR EXAMINERS USE ONLY

Section	Question	Maximum score	Candidates score
A	1 - 22	30	
B	23 - 25	20	
C	26 - 28	20	
		20	
	Total score	90	

SECTION A (30MKS)

Answer all the questions in this section.

1. Define the term Foster rearing of calves as used in Livestock production.(1mk)

2. Give the name of the organism that cause East Coast Fever.(1mk)

3. Name two brooding method in poultry.(1mk)

4. Give two functions of egg white in an egg.(1mk)

5. Name two predisposing factors of scours in calve.(1mk)

6. Name four classes of table birds.(2mks)

7. Give the meaning of the following terms as used in Livestock production. (2mks)

(a) Prolificacy. _____

(b) Polled. _____

(c) Fleece. _____

(d) Hardy. _____

8. A boar gained 90kg of live weight after eating 360kg of pig finisher meal over a period of time. Calculate the feed conversion ratio. (1mk)

9. State two reasons for laying a polythene sheet above the saw dust in a brooder. (1mk)

10. How can a farmer reduce boredom in a deep litter system. Give three ways. (1½mks)

11. Give two uses of a wheel in an oxen-mould board plough. (1mk)

12. State four roles played by engine oil in a tractor engine. (2mks)

13. Give three disadvantages of using charcoal jiko in a one day old chick's brooder. (1½mks)

14. Apart from fish, name four other organisms raised in aquaculture. (2mks)

15.Name four examples of notifiable diseases in livestock production.(2mks)

16.Mention four reasons of treating timber before roofing farm buildings.(2mks)

17.Give two methods of extracting honey from the comb.(1mk)

18.Name four sections found in a furrowing pen.(2mks)

19.State three factors that affect digestibility.(1¹/₂mks)

20.Dorper sheep was developed from two breeds.Name them.(1mk)

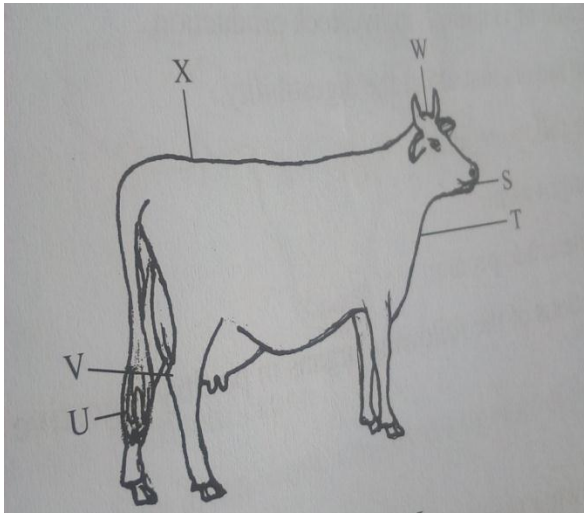
21.State two disadvantages of using wind power in the farm.(1mk)

22.Define incubation as used in poultry production.(¹/₂mk)

SECTION B (20MKS)

Answer all the questions in this section.

23. Study the diagram below and answer the questions that follow.



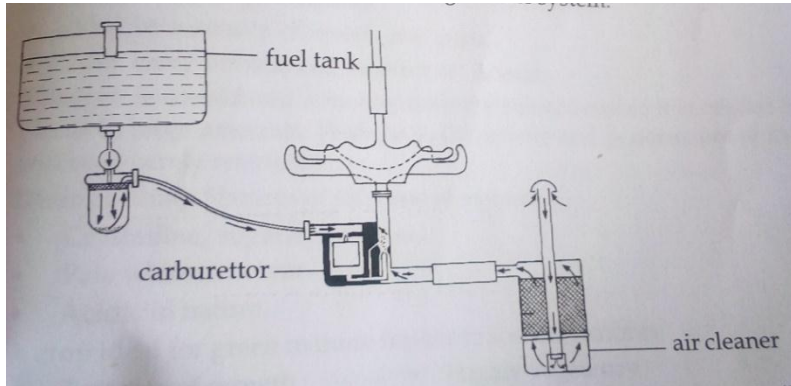
(a) Identify the parts labeled, (3mks)

- S _____
- T _____
- U _____
- V _____
- W _____
- X _____

(b) Indicate on the diagram six parts commonly inhabited by ticks. (3mks)

(c) Give four characteristics which show that it is a prominent milk producer. (2mks)

24. The diagram below represents a petrol engine fuel system.



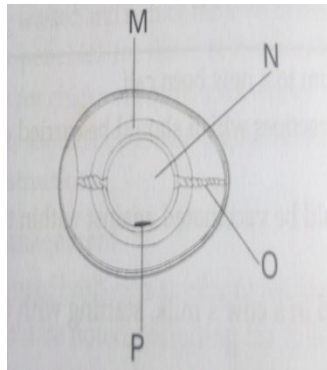
(a) State two functions of the carburettor in the system. (2mks)

(b) Give two maintenance practices that are carried out on the air cleaner. (2mks)

(c) Explain how the amount of petrol in the tank would be determined. (1mk)

(d) Explain how air would be bled out of diesel engine fuel system.(5mks)

25. Below is a diagram of an egg. Name the parts labeled M, N, O and P. (2mks)



M _____

N _____

O _____

P _____

SECTION C (40MKS)

Answer any two questions from this section.

26.(a) Describe the procedure for harvesting honey from a top bar hive.(8mks)

(b) Describe the working of a four-stroke diesel engine.(12mks)

27.(a) What are the features to consider when selecting a boar for breeding.(10mks)

(b) State the advantages of using a disc plough over a mould board plough.(10mks)

28. Describe the brooding management practices of layer chicks from the time they are a day old up to the time they leave the brooder.
