

AGRICULTURE PAPER 2

KAGONDO SECONDARY SCHOOL

FORM 4 PRE MID YEAR EXAM 2017

443/2

SECTION A (30 MKS)

Answer all questions in this section in the spaces provided

1. State four reasons that may discourage dairy farming in Kenya (2mks)
2. Outline four maintenance practices of a hack saw (2mks)
3. Name two methods used in disbudding (1mk)
4. Define line breeding (1mk)
5. Name four methods used in preserving fish (2mks)
6. Name four sources of carbohydrates in livestock farming (2mks)
7. What is the effect of increasing the tractor speed on the cut slice when using disc plough (1mk)
8. Outline four routes through which disease causing organism get into the body of an animal (2mk)
9. Outline three precautions a farmer should take to avoid infection by brucellosis (3mks)
10. Highlight three reasons for keeping feeding records (3mks)
11. State four advantages of natural feeding in calf rearing (2mks)
12. Highlight four factors that affect maintenance requirement of an animal (2mks)
13. Name two developmental stages of a liver fluke (1mk)
14. State four reasons for feeding young calves on colostrum (2mks)
15. State four components of power transmission system (2mks)
16. State four factors that stimulate milk let down in a lactating cow (2mks)

SECTION B (20 MKS)

Answer all questions in the spaces provided

17. Study the illustration of honey processing below and answer the questions that follow



- a) Name the part labeled S (1mks)
- b) State the function of the part labeled S (1mk)
- c) State four equipment used for harvesting honey (2mks)

18. The diagram below represents a method of livestock nurture management practice. Study it carefully and answer the following questions



- a) Identify the management practice represented above (1mk)
- b) Name the farm tool used to carry out the management practice (1mk)
- c) State one major precautionary measure taken when carrying out the above management practice (1mk)
- d) Name four livestock animals which the management practice is carried out (1mk)

19. Study the illustration below and answer the questions beneath



- a)What causes curled toes (1mk)
- b)State two other deficiency symptoms besides curled toe paralysis (2mks)
- c)State four sources of vitamin B (2mk)

20. Animal power is a common means of transport in our country

- a) Briefly explain the mechanism involved to enable them perform this practice (3mks)
- b) State two major factors which determine animals power efficiency (2mks)

SECTION C: (40 MKS)

Answer any two questions in this section in the spaces provided

- 21 a) Explain the reasons for feeding livestock on a balanced ration (6mks)
- b) Describe the preparation and management of natural incubation (9mks)
- c) Describe the body conformation features of a beef cattle (5mks)

22 a) What are the advantages of farm mechanization (5mks)

b) State four maintenance practices of a tractor battery (4mks)

c) Describe the parts of a disc plough (5mks)

d) State the disadvantages of animal drawn implements as compared to tractor drawn implement (6mks)

23 a) Outline three factors to consider when sitting a calf pen (3mks)

b) Name and describe the features of an ideal calf pen (3mks)

c) What factors should a farmer consider when selecting materials for constructing a dairy cattle shed (10 mks)

d) Outline 4 routine practices carried out on a calf (4mks)