#### **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)

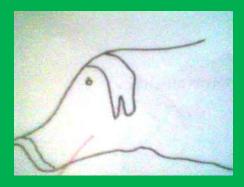
### **SECTION B (20 MKS)**

# 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)