

**KCSE PREDICTIONS 2019  
AGRICULTURE PAPER 2**

1. (a) Name the causative organisms of pneumonia in calves

(1mks)

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(b) State **two** symptoms of pneumonia in calves

(2mks)

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(c) Give **two** ways of controlling pneumonia in calves

(2mks)

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2. (a) Which tool will be required for the following farm operations?

(i) Cutting wool sheep

(1mk)

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(ii) Castrating piglets

(1mk)

(b) Give **four** reasons why feeding of colostrums is important in rearing of piglets.

(2mks)

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3. Give **three** conditions under which a farmer may prefer to use an Ox-cart instead of a tractor drawn trailer?

(3mks)

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4. Give **four** factors that should be considered when siting a beehive in a farm

(2mks)

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5. State **four** management practices that would ensure maximum harvest of fishing from fishpond

(2mks)

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6. Give **two** predisposing factors to foot-rot diseases in sheep

(2mks)

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7. What is the intermediate host for liver fluke?

(1mk)

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8. Give **two** causes of soft shells in eggs

(1mk)

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9. List **four** factors associated to the animal that determines the amount of feed animals consumed

(2mks)

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10. Give **four** reasons why young rams should be docked.

(2mks)

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11. List **four** cattle diseases caused by virus

(2mks)

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12. State any **two** disadvantages that may arise from in breeding in livestock production (2mks)

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13. Give **two** signs that would show that a doe is just about to give birth

(2mks)

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**SECTION B (20MARKS)**

***Answer ALL the questions in this section in the spaces provided***

14. Study the diagrams below labeled **P**, **Q**, **R** and **S** representing some workshop tools and answer the questions that follow.

(a) Identify the tools

(2mks)

Tool	Name
P	
Q	
R	
S	

(b) Give **one** use of tools **P** and **R** in the construction of a wooden feed trough

(1mk)

**P** .....

**R** .....

(c) How would the tool labeled **Q** be used in the construction of a pen?

(1mk)

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(d) Give **two** maintenance practices carried out on tools

(1mk)

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15. Study the structure below and answer the questions that follow

(a) Name the structure above (1mk)

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(b) Name the parts labeled

(2mks)

**S** .....

**T** .....

(c) State the functions of parts labeled

**S** .....

**T** .....

16. The diagram below represents livestock parasites

(a) Identify the parasites **Y** and **Z** (1mk)

**Y** .....

**Z** .....

(b) In which organ in livestock is parasite **Z** found? (1mk)

(c) How is parasite **Z** passed from livestock to human being (1mk)

(d) Give **two** control measures of each parasite

(2mks)

**Y** .....

**Z** .....

17. The diagram below shows farm equipment. Study it carefully and answer the questions that follow.

(a) Identify the equipment (½mk)

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(b) Name the parts labeled **C** and **D** (1mk)

**C** .....

**D** .....

(c) Give the use of the parts labeled **E** (½mk)

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(d) State **three** conditions that must prevail in the equipment shown to make it suitable for its functions (1

½mks)

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(e) Give **three** disadvantages of using the above equipment by small scale farmer (1

½mks)

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**SECTION C (40MARKS)**

***Answer only TWO questions on the separate answer sheets provided:***

18. (a) Explain the factors to consider when siting farm structures (5mks)

(b) Explain the use of the fences in the farm (8mks)

(c) Give the advantages of live fences (7mks)

19. (a) Describe mastitis disease in dairy cattle under the following sub-headings: (1mk)

- (i) Casual organisms
- (ii) Predisposing factors

(7mks)

- (iii) Symptoms

(4mks)

- (iv) Control measures

(8mks)

20. (a) Describe the **four**stroke cycle of petrol cycle engine

(10mks)

(b) State the disadvantages of using animal power on the farm

(5mks)

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