

KCSE PREDICTIONS 2020

AGRICULTURE PAPER 2

SECTION A 30MRKS

Answer all the questions in this sections in the spaces provided

1. Name the most appropriate tools used in the following operations

a) Removing metal chippings in file (1mrk)

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b) Cutting wood along grains (1mrk)

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c) Branding (1mrks)

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2. State four characteristic of Boran cattle (2mrks)

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3. State two functions of a useful bacteria in livestock production (1mrk)

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4. Name four function of lipid in an animal body (2mrks)

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5. State two ways of reducing friction in moving part of farm tool (1mrk)

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6. Outline four types of fence that can be used in mixed farm (2mrks)

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7. Name three methods of out breeding in livestock production ((1 ½ marks)

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8. Give two reasons for tailing in sheep production (1mrk)

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9. Name any five internal parts of cow's udder (2 ½ marks)

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10. Give five ways of transmitting livestock diseases (2 ½ marks)

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11. Give four features of improved grain bin (2mrks)

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12. Give three types of calving complications (1 ½ mrks)

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13. State four advantages of zero grazing as a grazing system (2mrks)

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14. State two functions of a queen bee in a colony (1mrk)

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15. Name four symptoms of anaplasmosis in livestock(2mrks)

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16 .What do you understand by the following terms as used I animal production .

a) Coponisation(1mrk)

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b) Bullock (1mrk)

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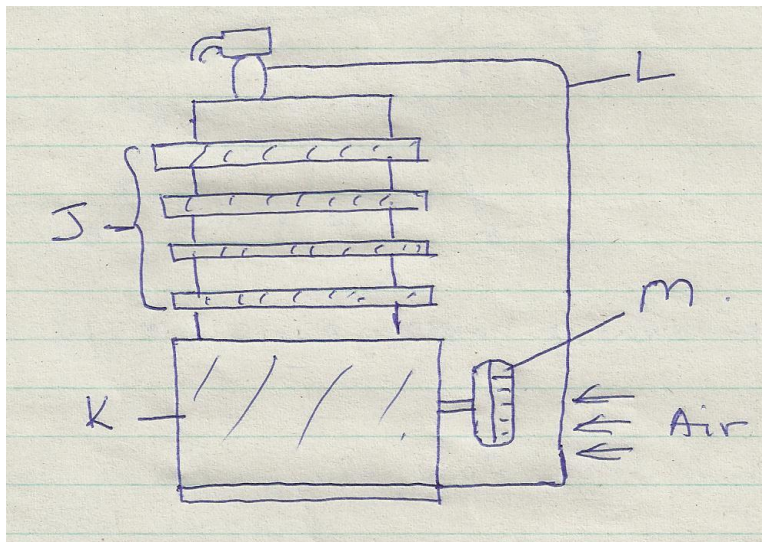
c. Epistasis(1mrk)

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SECTION B (20Mrks)

Answer all the questions in the spaces provided

17. Below is a diagram of a cooling system .Study it and answer the questions that follow



a) Identify the type of cooling system illustrated (1mrk)

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b . Name parts labelled J, K, L and M (2mrks)

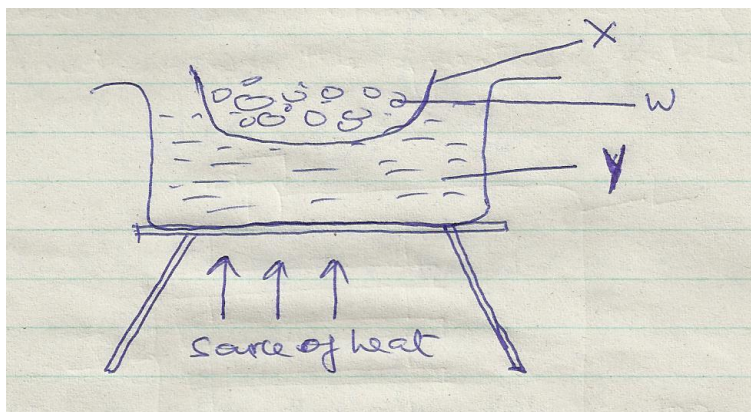
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c. Name two problems associated with the type of cooling system illustrated above(2mrks)

(i)

(ii)

18. Below is an illustration of a method of extracting honey from combs .Study the diagram and answer the question that follow .



a) Identify the above method of extracting honey (1mrk)

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b) Give a reason why container x should not be heated directly (1mrk)

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c) Name the parts labeled w and y(2mrks)

w

y

d) Besides the above method ,State one other method of extracting honey (1mrk)

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19 The diagram below shows a certain practice carried out on pig



a) Identify the practice illustrated above (1mrk)

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b) Draw another illustration depicting pig number 37(1mrk)

c) Name the tool used to carry out the practice illustrated above (1mrk)

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d) State two other method of indentifying piglet (2mrks)

i)

ii)

20 .Below an illustration of a farm operation .Study it carefully and answer the question that follow.



a) Identify the activity being carried out (1mrk)

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b) Give one other activity carried on the animal before the above operation is carried out (1mrk)

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c) Outline the procedure of carrying out the above operation (3mrks)

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SECTION C

Answer any two questions in the space provided

21. Outline management practice carried out in a fish pond to ensure maximum harvest of fish (7mrk)

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b) Discuss the importance of farm mechanization (6mrks)

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c) Discuss the short term maintenance practices carried out on a tractor (7 marks)

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22. (a) Explain the feature of a piggery unit (10mrks)

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b) Explain the factor that influence the work output of a draught animal(10mrks)

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23. a) Outline various method of controlling ticks(10 mrks)

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b) Describe the management of growers up to the point of lay (10mrks)

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