[AGRICULTURE PAPER 2 QUESTION PAPER](https://revision.co.ke/question-papers/2016-pre-kcse/agriculture-paper-2" \o "Agriculture Paper 2 Question Paper - 2016 Pre KCSE, Free 2016 KCSE Past Papers Kenya, Free Marking Schemes, Download 2016 MOCK Past Papers Kenya, 2016 Revision Book)

2017 Pre KCSE

Agriculture Paper 2

SECTION A (30 Marks)

**Answer all the questions in this section in the spaces provided.**

1.

Name the breed of goat that produces high quality wool.   
........................................................................................................................................................................  
........................................................................................................................................................................

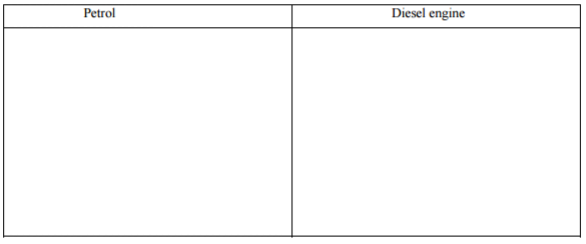
 1 marks

2.

State two advantages of using wood in the construction of a farm building   
........................................................................................................................................................................  
........................................................................................................................................................................

 1 marks

3.

State two functional differences between petrol and diesel engines.   


 2 marks

4.

Name the intermediate host of the following parasites   
i. Tapeworm   
........................................................................................................................................................................  
........................................................................................................................................................................  
ii. Liver fluke   
........................................................................................................................................................................  
........................................................................................................................................................................

 1 marks

5.

Differentiate between   
i. Drift lambing   
........................................................................................................................................................................  
........................................................................................................................................................................  
ii. Pen lambing   
........................................................................................................................................................................  
........................................................................................................................................................................

 1 marks

9.

Give two reasons why the walls of the dairy shed should be white washed instead of painting with water or oil paints.   
........................................................................................................................................................................  
........................................................................................................................................................................  
........................................................................................................................................................................  
........................................................................................................................................................................

 1 marks

10.

Mention four pre-disposing factors of scours in calves.   
........................................................................................................................................................................  
........................................................................................................................................................................  
........................................................................................................................................................................  
........................................................................................................................................................................

 2 marks

11.

Outline three reasons why calves should be fed on colostrums.   
........................................................................................................................................................................  
........................................................................................................................................................................  
........................................................................................................................................................................

 1.5 marks

12.

State two functions of a queen bee in a colony   
........................................................................................................................................................................  
........................................................................................................................................................................

 1 marks

13.

List two groups of vitamin as applied to livestock nutrition.   
........................................................................................................................................................................  
........................................................................................................................................................................  
........................................................................................................................................................................

 1 marks

14.

Give four advantages of using a spray in tick control in livestock.  
........................................................................................................................................................................  
........................................................................................................................................................................  
........................................................................................................................................................................  
........................................................................................................................................................................

 2 marks

15.

Give three importance of flushing in sheep management.   
........................................................................................................................................................................  
........................................................................................................................................................................  
........................................................................................................................................................................

 1.5 marks

16.

State three factors that dictate livestock distribution in Kenya.   
........................................................................................................................................................................  
........................................................................................................................................................................  
........................................................................................................................................................................

 1.5 marks

17.

Name three reasons that necessitate handling of livestock in the farm.   
........................................................................................................................................................................  
........................................................................................................................................................................  
........................................................................................................................................................................

 1.5 marks

18.

List three non chemical control measures in livestock production.  
........................................................................................................................................................................  
........................................................................................................................................................................  
........................................................................................................................................................................

 1.5 marks

19.

Under what condition would a farmer prefer to use an ox- cart instead of a tractor-drawn trailer? Give   
three reasons   
........................................................................................................................................................................  
........................................................................................................................................................................  
........................................................................................................................................................................

 1.5 marks

20.

State four grades into which Kenya Meat Commission may classify the carcasses   
........................................................................................................................................................................  
........................................................................................................................................................................  
........................................................................................................................................................................  
........................................................................................................................................................................

 2 marks

21.

Why is it not recommended to use saw dust in an incubator  
........................................................................................................................................................................  
........................................................................................................................................................................  
........................................................................................................................................................................

 1 marks

22.

List two tools used in closed castration   
........................................................................................................................................................................  
........................................................................................................................................................................  
........................................................................................................................................................................

 1 marks

23.

State four qualities of good creep feed.   
........................................................................................................................................................................  
........................................................................................................................................................................  
........................................................................................................................................................................  
........................................................................................................................................................................

 1 marks

SECTION B (20 Marks)

**Answer all the questions in this section in the spaces provided.**

24.

The diagram below represents farm tools.   
i. Identify the tools labeled A and B (1mark)   
A   
........................................................................................................................................................................  
B   
........................................................................................................................................................................  
ii. Give one use of each tools mentioned in (i) above. (2marks)   
A   
........................................................................................................................................................................  
B   
........................................................................................................................................................................

iii. Give the two maintenance practices which should be carried out on tool C (2marks)   
........................................................................................................................................................................  
........................................................................................................................................................................

 5 marks

25.

A farmer in Makueni County owns 16 milking cows. In addition to feeding these animals with nippier   
grass, the farmer prepares home mixed ratio in them. During this dry season, the farmer has decided to mix 600kg of the ratio using oats DCP 40% and sim sim cake DCP 60% using the Rearsons square   
method.   
i. Determine the quantities of each feed the farmer will need to make a ratio containing 20% DCP for the animals. (4 marks)   
........................................................................................................................................................................  
........................................................................................................................................................................  
........................................................................................................................................................................  
........................................................................................................................................................................  
........................................................................................................................................................................  
........................................................................................................................................................................  
........................................................................................................................................................................  
........................................................................................................................................................................  
ii. State two factors affecting feed digestibility. (1mark)   
........................................................................................................................................................................  
........................................................................................................................................................................  
........................................................................................................................................................................

 5 marks

26.

The diagram below shows an animal drawn implement. Use it to answer the following questionsiii. Give the two maintenance practices which should be carried out on tool C   
........................................................................................................................................................................  
........................................................................................................................................................................

 2 marks

27.

Below are illustrations of animal hooves and activity being done   
i)   
a) What activity is going on in diagram F (1mark)   
........................................................................................................................................................................  
........................................................................................................................................................................  
 b) Which of the above hooves is likely to predispose foot rot infection? (1mark)   
........................................................................................................................................................................  
........................................................................................................................................................................  
 c) Name an appropriate tool for carrying out the above activity (1mark)   
........................................................................................................................................................................  
........................................................................................................................................................................

d) Other than protecting animals from foot rot give another one reason for carrying out the activity.   
(1mark)   
........................................................................................................................................................................  
........................................................................................................................................................................  
 ii Give three reasons for seasoning timber before use (1½ marks)   
........................................................................................................................................................................  
........................................................................................................................................................................  
........................................................................................................................................................................  
........................................................................................................................................................................

 5.5 marks

SECTION C (40 Marks)

**Answer only two questions from this section in the spaces provided**

28.

a) Describe the features of ideal calf pen. (10marks)   
b) Distinguish between cropping and harvesting as used in fish farming (2marks)   
c) Describe the maintenance practices on a fish pond or describe management practices that would   
ensure maximum fish harvest from a fish pond. (8marks)

 20 marks

29.

a) Discuss coccidiosis disease under the following headings   
(i). Causal organism (1mark)   
(ii).Livestock species attacked (4marks)   
(iii).Symptoms of attack (4marks)   
(iv). Control measures. (3marks)   
b) Describe the procedure of obtaining clean milk from a cow (10marks)

 20 marks

30.

a)   
i) Describe the life cycle of a two host tick (6marks)   
ii) Describe digestion in a rumen of ruminant (8marks)   
b) Explain three methods of acaricide application (6marks)

 20 marks