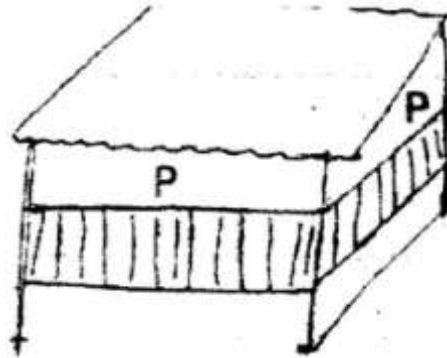


FARM STRUCTURES

1. 1994

The diagram below represents a calf pen. Study it to answer the questions that follow.



- (i) How high should the floor be above the ground level?
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- (ii) Why should the floor of the calf pen be raised?
.....
- (iii) Why should the parts of the pen marked be open?
.....
- (iv) State three factors that should be considered in sitting a calf pen?
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2. 1995

State two advantages of using wood in the construction of farm buildings

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3. 1995

Describe the construction of a rabbit hutch under the following sub-headings.

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4. 1996

Give two reasons for treating timber to the used in construction of farm buildings.

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.....

5. 1996

State one advantage and one disadvantage of using barbed wire instead of plain wire for fencing paddocks.

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6. 1996

State two functions of ventilation in an animal house.

.....
.....

7. 1996

a) One of the recommended ratio of mixing ingredients for making Concrete block is 1:3:4, Name ingredients represented by the numbers 1, 3 and 4 in the mixture.

.....
.....

b) If stronger concrete blocks were to be made, name the ingredient that would be increased

.....

c) State three properties of concrete that make it suitable for constructing farm buildings.

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.....

d) In addition to concrete, name three other materials that would be required to construct the floor of milking shed.

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8. 1997

State four features of a good maize granary.

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9. 1998

State two reasons why maintenance of farm structures is important.

.....
.....

10. 1998

a) State any four factors that would influence the siting of a calf pen.

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b) State four factors to consider when selecting materials for constructing a calf pen.

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.....

c) Give four maintenance practices that should be carried out on a permanent calf pen.

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11. 1999

Give two practices, other than use of preservatives, that can be carried out on wooden fencing posts to make them last long.

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12. 1999

State six features of an ideal calf pen.

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13. 1999

Outline any four maintenance practices that should be carried out in a deep litter poultry house.

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14. 2001

Give two advantages of concrete blocks over timber as building materials.

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15. 2001

a) State the uses of fences in farms.

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b) What factors would be considered when sitting a farm structures.

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.....

16. 2002

State four advantages of a hedge in a farm.

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17. 2003

State four advantages of using a Kenya Top Bar Hive over log hive.

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18. 2003:

Outline two routine maintenance practices carried out on water tanks.

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19. 2004

a) Explain the uses of various hand tools in the construction a Kenya Top Bar Hive

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b) Describe the procedure of erecting wooden posts for fencing.

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20. 2005

State three disadvantages of using steel in construction of farm buildings.

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21. 2006 Q7 P1

State four features of a good pig house. (2 marks)

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22. 2007 Q11 P2

State four factors to consider when siting a fish pond. (2 marks)

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23. 2007 Q16 P2

State three maintenance practices that should be carried out on a feed trough. (1 ½ marks)

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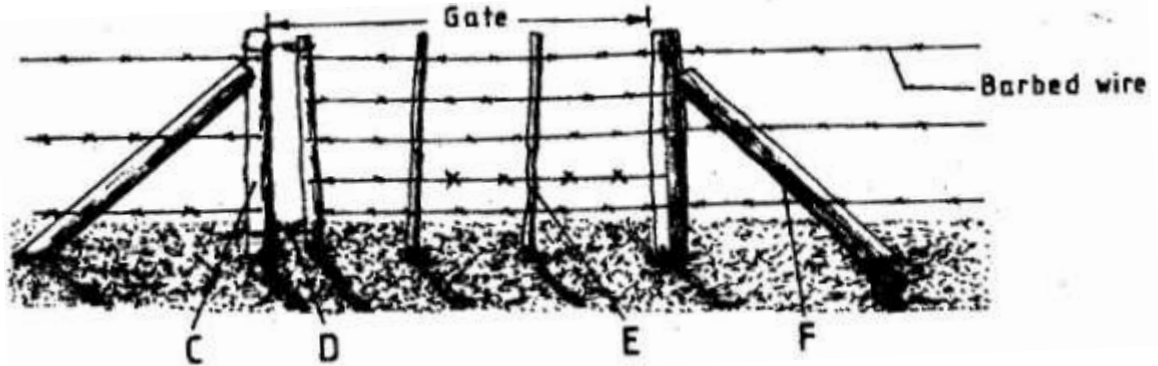
24. 2007 Q18 P2

List three types of calf pens. (1 ½ marks)

.....
.....

25. 2007 Q22 P2

The diagram below shows a type of farm gate. Study the diagram and answer the questions that follow.



a) Identify the type of gate shown (1/2 mark)

.....

b) Name the parts labeled C, D and E. (1 1/2 marks)

C.....

D.....

E.....

c) i) State one function of the part labeled F. (1 mark)

.....

ii) State two functions of the gate illustrated above. (2 marks)

.....

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26. 2007 Q26a P2

a) Name and describe the features of an ideal calf pen. (9 marks)

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27. 2008 Q5 P2

Name a tool used for tightening barbed wire during fencing.

(1/2 mark)

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28. 2008 Q14 P2

State four practices that should be carried out on wooden fencing posts to make them last long.

(2 marks)

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29. 2008 Q29 P2

a) Describe the use of various hand tools required for the construction of a wooden rabbit hutch.

(10 marks)

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b) What factors should a farmer consider when selecting materials for constructing a dairy cattle shed.

(10 marks)

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30. 2010 Q2 P2

List four materials that can be used in constructing a Kenya Top Bar Hive.

(2 marks)

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.....

31. 2010 Q16 P2

Why is it necessary to have guard rails in a farrowing pen?

(1 mark)

.....

32. 2010 Q17 P2

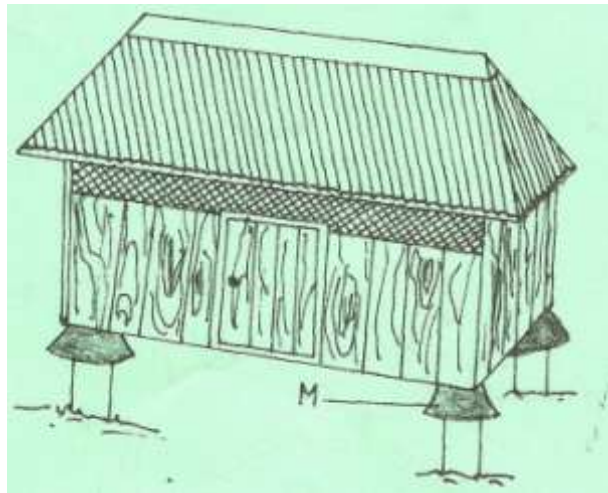
Give **two** reasons for having a footbath in a cattle dip.

(1 mark)

.....
.....

33. 2010 Q23 P2

Below is a diagram of a farm structure for storing grains. Study it carefully and answer the questions that follow.



(a) Identify the farm structure illustrated above.

.....

(b) State the function of the part labelled M.

($\frac{1}{2}$ mark)

.....

(c) State two maintenance practices that should be carried out on the farm structure illustrated above in readiness for grain storage.

(1 mark)

34. 2010 Q27a P2

(a) State the function of any **six** parts of a zero grazing unit in dairy farming.

(6 marks)

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35. 2011 Q26a P2

a) Describe the uses of fences on the farm.

(10 marks)

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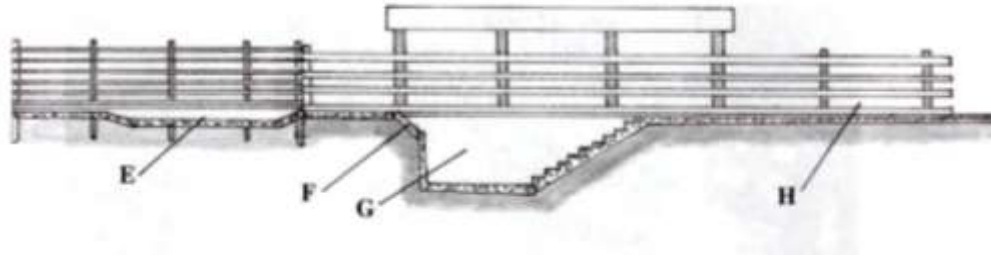
.....

.....

36. 2012 Q21 P2

The illustration below shows a cross section of a cattle dip.

i The illustration below shows a cross section of a cattle dip.



Name the parts labeled E and G

E..... (1 mark)

G..... (1 mark)

b) State one use of each of the parts labeled E, F and H (3 marks)

E..... (1 mark)

F..... (1 mark)

H..... (1 mark)

37. 2012 Q22a P2

(a) Describe the functions of the various types of pens in a piggery unit. (4 marks)

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