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**KENYA NATIONAL EXAMINATION COUNCIL  
REVISION MOCK EXAMS 2016  
TOP NATIONAL SCHOOLS**

**MARANDA SCHOOL  
AGRICULTURE  
PAPER 2  
TIME: 2 HOURS**

**SCHOOLS NET KENYA**  
Osiligi House, Opposite KCB, Ground Floor  
Off Magadi Road, Ongata Rongai | Tel: 0711 88 22 27  
E-mail: [infosnkenya@gmail.com](mailto:infosnkenya@gmail.com) | Website: [www.schoolsnetkenya.com](http://www.schoolsnetkenya.com)

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# MARANDA SCHOOL

## TRIAL EXAMS

### Paper 2

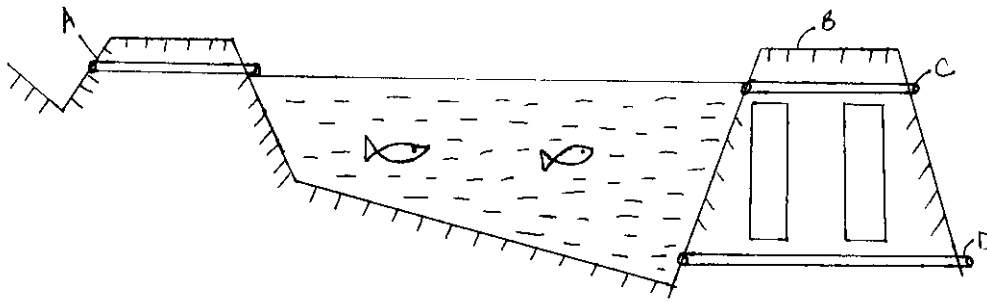
**Answer ALL the questions in this section in the spaces provided.**

1. Name the hormone that is concerned with milk synthesis. (1mk)
2. State **three** factors that make a lactating cow to withhold milk during milking. (1½mk)
3. Distinguish between crutching and ringing on sheep production. (1mk)
4. State **four** reasons why goats are suitably adapted to marginal areas. (2mks)
5. Name **two** methods used in identifying goats. (2mks)
  
6. State **four** factors that determine the daily feed requirements of an animal. (2mk)
7. (a) Name a tool used for removal of gases which cause bloat in ruminant animals. (1mk)  
(b) State the use of a ring spanner. (1mk)
8. Outline **four** reasons for steaming up a gestating cow. (2mks)
9. Give **two** distinctive features between large white pig and land race. (2mks)
10. What are the secondary hosts of the following livestock parasite?  
(i) Taenia solium (½mk)  
(ii) Liver fluke (½mk)
11. State **two** guns used in agriculture. (1mk)
12. Give **three** factors a farmer should consider when selecting garden tools for cultivation (1½mk)
13. State any **four** causes of stress in a flock of lay. (2mks)
14. Give **four** conditions under which a farmer would use an ox-plough instead of a tractor power for seed bed preparation. (2mks)
15. Give **three** functions of worker bees in the hive. (1½mk)
16. Name **two** species of trees used in agro-forestry that can be utilized as livestock feed (2mk)
17. A part from bush clearing and spraying list other **two** methods used in controlling tsetse flies. (1mk)
18. Give **four** advantages of creep feeding of beef calves. (2mks)
19. State **one** function of each of the following parts in chickens' digestive system. (1½mks)  
(i) Crop  
(ii) Proventriculus  
(iii) Gizzard

### **SECTION B 20 MARKS**

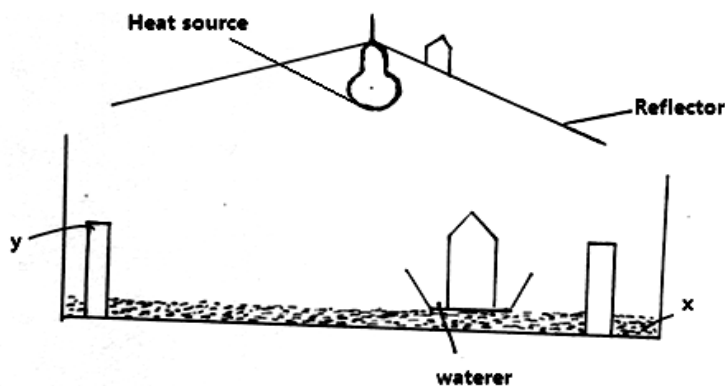
**Answer ALL questions**

20. Below is a diagram of a cross section of a fish pond

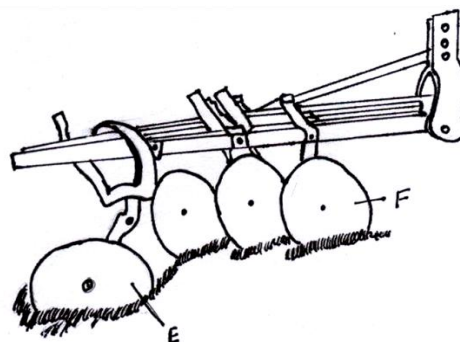


- (2mks)
- (3mks)
- Identify the parts labeled A, B, C, and D.
  - State **three** maintenance practices carried out on the structure after draining.

21. The diagram below represents a section through which an artificial brooder.



- Give **two** uses of the part labeled X. (1mk)
  - Name **two** suitable materials to use for part labeled X. (1mk)
  - Give the use of the part labeled Y. (1mk)
  - List **two** advantages of natural brooding of chicks. (2mks)
20. Outline the procedure that should be followed in spraying animals to ensure effective coverage of the chemical. (5mks)
21. The diagram below represents an implement



- Identify the implement. (1mk)
- Name the parts labeled E and F and give one function of each. (2mks)
- State **four** maintenance practices carried out on the implement shown in the diagram. (2mks)

**SECTION C (40 marks)**

**Answer any TWO questions from this section on the spaces provided after the questions**

20. a) Differentiate between four stroke and two stroke cycle engine. (14mks)  
b) State the advantages and disadvantages of animal power. (6mks)
21. a) Discuss the management of pigs from preparation to farrowing upto farrowing
22. b) Outline **eight** management practices a farmer should carry out to maintain good healthy in a herd of cattle. (8mks)
23. a) Mention **five** precautions taken when using work shop tools. (5mks)  
b) Give **five** general characteristics of dairy cattle breeds. (5mks)  
c) State and explain the predisposing factors of livestock diseases. (10mks)