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

**KABARAK HIGH 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 | Website: www.schoolsnetkenya.com

443/2
AGRICULTURE
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**KABARAK HIGH SCHOOL KCSE TRIAL AND
PRACTICE EXAM 2016
Paper 2**

Answer all questions in this section

1. State the use of each of the following tools in bee production.
(a) Swarm net (½mk)
(b) Catcher box (½mk)
2. List **two** dairy goats. (1mk)
3. a) State **one** chemical used in relieving a ruminant animal of bloat (½ mk)
(b) State **two** reasons why drenching alone is not an effective method of controlling internal parasite in livestock. (1mk)
4. (a) State the class of each of the following feedstuff
(i) Molasses (½mk)
(ii) Mac Lick (½mk)
(b) Name the type of breeding system represented below.
Ayrshire sire x Boran Dam → F1 heifer x Hereford. (½mk)
5. Give **three** importance of flushing in sheep management. (1½mks)
6. (a) Name the causative organism of Gumboro disease. (½mk)
(b) State **two** symptoms of coccidiosis infection in poultry. (1mk)
7. State **two** differences between the dromedary and Bactrian breed of camels. (2mks)

Dromedary	Bactrian
(i)	(i)
(ii)	(ii)

8. State **one** way by which each of the following practices help in disease control.(2mks)
(a) Proper feeding.
(b) Proper housing
9. (a) State **three** effects of tsetsefly infestation. (1½mks)
(b) State **two** ways of controlling tse tse flies. (1mk)

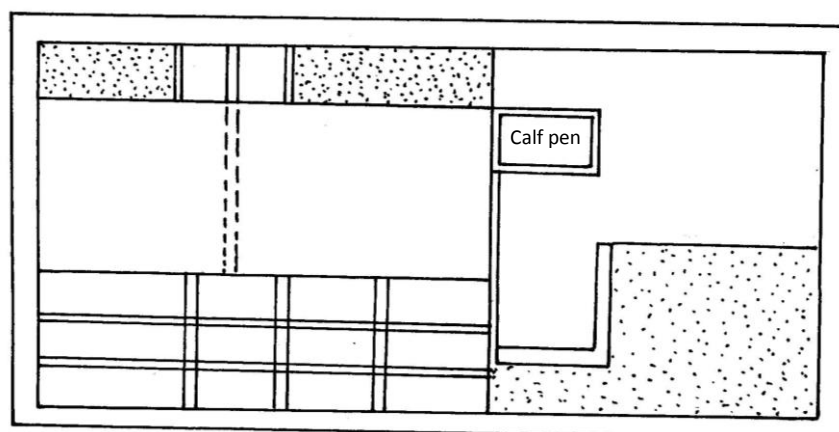
(c) Give **one** reason why tse tse fly control is considered as land reclamation method. (½mks)
10. State **two** ways in which a production ration may be utilized by cattle. (1mk)

11. Name **two** diseases in cattle that may be spread through breeding. (1mk)
12. (a) Under what conditions would a farmer prefer to use an ox – cart instead of a tractor – drawn trailer. Give **three** reasons. (1½mk)
- (a) Name **three** implements that may be connected to power take off shaft of a tractor. (1½mks)
13. Name a pig breed with white colour on feet, nose and tail. (½mk)
14. State **three** importance of keeping livestock healthy. (1½mks)
15. Name **three** importance of lubricating system in tractor. (1½mks)
16. (a) Name **three** mechanical methods of controlling ticks. (1½mks)
- (b) Name the intermediate host of liver fluke. (½mk)
17. Name **three** methods of livestock selection. (1½mks)
18. (a) Distinguish between crutching and ringing as used in livestock production. (1mk)
- (b) Give a reason for packing eggs with the broadside upwards in the egg tray. (½mk)
19. (a) State **two** conditions, which would make it necessary to feed bees. (1mk)
- (b) Name **two** faults of ignition system of a tractor. (1mk)

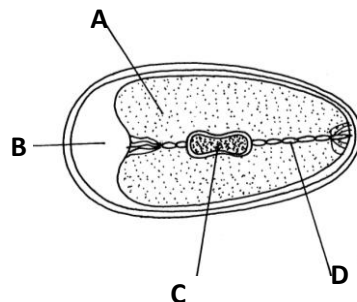
SECTION B (20MARKS)

Answer all the questions in this section

20. Below is a layout of an animal housing. Study it and answer the questions that follow

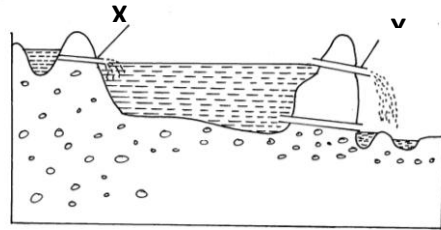


- (i) Identify the structure. (1mk)
- (ii) Name the parts labeled **2, 3, 4**. (3mks)
- (iii) What is the role of the parts labeled **3**. (1mk)
21. Study the diagram of an egg below and answer the questions that follow.



- (a) Name the parts labeled **A, B, C** and **D**. (4mks)
- (b) State the roles of parts labeled **A** and **D** during incubation. (2mks)

22. Drawn below is a diagram of a fish pond.



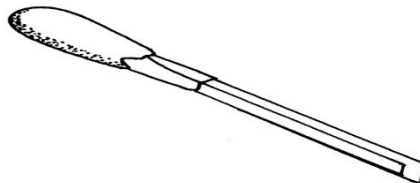
a) Name

(2mks)

(b) State the use of the structure Y.

(3mks)

23. Below is a diagram of a farm tool.



a) Identify the

tool.

(1mk)

b) State the use of the tool.

(1mk)

c) List **two** maintenance practices carried out on the tool. (2mk)

SECTION C (40 MARKS)

Answer any two question

24. (a) Discuss the essentials of clean milk production (14mks)
 (b) Name the common poultry vices and outline their control (6mks)
25. (a) State **six** advantages of farm mechanization (6mks)
 (b) Discuss the maintenance practices carried out on a tractor (10mks)
 (c) List **four** strokes in a 4 – stroke cycle engine (4mks)
26. Explain the measure used to control;
 (a) Livestock diseases (4mks)
 (b) Livestock parasite (6mks)