**HOLA SECONDARY SCHOOL**

**AGRICULTURE**

**MID TERM EXAMINATION**

**YEAR 2012**

**TERM TWO**

**FORM THREE**

**PAPER TWO**

**TIME:**

**NAME\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_CLASS\_\_\_\_\_\_\_\_\_ADM/NO.\_\_\_\_\_\_\_\_\_\_\_**

1. State four factors that could lead to failure to conceive in cows after services. (2mks)
2. State four reasons for dehorning cattle. (2mks)
3. Give four effects of parasites that are harmful to livestock. (2mks)
4. State four factors to consider when siting a fish pond. (2mks)
5. Name four breads of dairy goats. (2mks)
6. State six methods of maintaining good health in livestock. (3mks)
7. List three types of calf pens. (11/2 mks)
8. What is heterosis in livestock breeding? (2mks)
9. Name four structures which would assist in the control of livestock parasite on a farm. (2mks)
10. Differentiate between mo ability and prolificacy in livestock breeding. (2mks)
11. Differentiate flushing and steaming up. (2mks)
12. What is a production ration as used in animal nutrition? (1mk)
13. Name two groups into which vitamins are classified. (1mk)
14. Differentiate between a roughage and concentrate feed in animal nutrition. (2mks)
15. Give four characteristics of a livestock roughage feedstuff. (2mks)
16. State 3 signs that are likely to be observed when a cow is on heat.

**SECTION B (20MKS)**

17) The diagram below illustrates the aerial view of a livestock handling structure. Study the diagram and carefully answer the questions that follow.

1. Identify the structure
2. Mention two maintenance practices carried out on the structure. (2mks)
3. State six practices which could be carried out from the structure.

18) The illustration below is showing a structure used to control soil erosion.

1. Identify the structure above. (1mk)
2. How does the structure held in controlling soil erosion. (2mks)
3. List other structures used to control soil erosion. (4mks)

19) The diagram labeled A and B below show the teeth arrangement in hand workshop tools.

A

B

1. Identify the tools represented with by the teeth arrangements A and B. (2mks)

A

B

1. State one functional differences between tools represented by the teeth arrangements

 A and B (2mks)

A

B

1. Give how maintenance practices for the tools represented by the teeth arrangements shown above. (2mks)

**SECTION C (40 MARKS)**

20) Describe the different methods of collecting bull’s semen. (5mks)

b) Discuss the desirable features of a calf pen. (5mks)

c) Compare and contrast ruminants from non-ruminants. (10mks)

21) Discuss the factors considered when siting a beehive. (10mks)

b) Describe the disease predisposing factors in livestock. (10mks)