**HOLA SECONDARY SCHOOL**

**AGRICULTURE**

**MID TERM EXAMINATION**

**YEAR 2012**

**TERM TWO**

**FORM THREE**

**PAPER 1**

**TIME:**

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

**SECTION A (30 MARKS)**

1. Give two factors which characterize small scale farm. (1mk)
2. State two effect of HIV/AIDs on agricultural production. (1mk)
3. Give two reasons why farmers are encourages. (1mk)
4. List three physical weathering agents in the soil formation process. (1 ½ mks)
5. Give four advantages of crop rotation. (2mks)
6. State 3 functions of boron in crop development. (1 ½ mks)
7. State four factors that should be considered when classifying crop pests. (2mks)
8. State six characteristics of productive soil. (3mks)
9. State four factors that determine intensity of soil erosion. (2mks)

1. Name four types of soil erosion. (2mks)
2. State four advantages of land consolidation. (2mks)
3. Outline four ways through which temperature influences crop distribution and performance. (2mks)
4. State the difference between soil structure and texture. (2mks)
5. State four disadvantages of food irrigation. (2mks)
6. Explain the following terms.

Rogueing

Hardening off

Pricking out

Earthing up. (4mks)

1. State two characteristics of shifting cultivation. (2mks)

SECTION B (20 MARKS)

1. The diagram labeled P and Q below illustrate some methods of draining water fields. Study the diagrams carefully and answer the questions that follow.
2. Identify the methods illustrated in diagrams P and Q. (2mks)

P

Q

1. Name the material used in P labeled K and L. (2mks)
2. Name two types of crops, which could be planted instead of carrying out the practice illustrated in P and Q. (2mks)
3. List other methods used to drain water in the field. (3mks)
4. The diagram below illustrate one of the routine field practices carried out on some crops. Study the diagram and answer the questions that follow.
5. Identify the field practice. (1mk)
6. State two conditions which necessitate the practice. (2mks)
7. Name other two crops where the practice is carried out. (2mks)
8. List other routine practices carried out to other crops which serve the same purpose as the practice above. (2mks)
9. The diagram below illustrate the distribution of roots from the earth’s surface downwards. Study the diagram and answer the questions that follow.
10. Identify the feature that the diagram above represents in the study of soil. (1mk)
11. Name the parts of the diagram labeled A, B and C (3mks)

A

B

C

**SECTION C (40 MARKS)**

20A) Discuss the importance of irrigation in farming. (12mks)

b) Explain the factors that influence the type of irrigation to be used in a farm. (8mks)

21a) Describe the benefits of timely planting in cereal products. (10mks)

b) Discuss the safety precautions when handling pesticides. (10mks)