**NAME: ……………………………………………ADM.NO.…………….STREAM…………**

**AGRICULTURE FORM ONE**

**END TERM EXAM – TERM TWO 2015.**

* **Answer all questions in the spaces provided.**

1. Distinguish the following terms:- (2 marks)
2. Demand
3. Supply
4. (i) List three beneficial biotic factors affecting agricultural production.

(3 marks)

(ii) Name two ways in which pests affect agriculture. (2 marks)

1. Name the three aspects of light that are important to consider in relation to crop growth.

(3 marks)

1. (i) What is soil? (2 marks)

(ii) Name two processes involved during weathering. (2 marks)

1. Outline the five factors that influence soil formation. (5 marks)
2. (i) With the aid of a well labeled diagram name the various horizons of a soil profile.

(5 marks)

(ii) Give three characteristics of Horizon A. (3 marks)

1. State four effects of high temperatures on crop production. (4 marks)
2. Name two earliest crops grown by human beings about 9000 B. C. (2 marks)
3. Define the following terms:
4. Aquaculture (1 mark)
5. Apiculture (1 mark)
6. List four factors that determine the scale of production. (4 marks)
7. a) What is organic farming? (2 marks)

b) Give two examples of organic farming. (2 marks)

1. Using examples, state how agriculture provides market for industrial products. (2 marks)
2. List three importance of good soil profile to crop production. (3 marks)
3. (a) Name the forms of water that exists in the soil. (2 marks)

(b) State four functions of water to plants. (4 marks)

1. Name the form in which plant readily obtains nitrogen from the atmosphere. (1 mark)
2. Distinguish the following terms and give two examples in each.

(a) Macro-organisms. (3 marks)

(b) Micro-organisms. (3 marks)

1. List nine effects of strong wind in agriculture. (9 marks)