**KAHUHO UHURU HIGH SCHOOL**

**NAME……………………………………………………………………………..ADM NO……………..CLASS………….**

**AGRICULTURE**

**FORM TWO EXAM INATION**

**TUNE UP TERM 2 2014**

**TIME ; 1 ½ HOURS**

**INSTRUCTION;**

**ANSWER ALL THE QUESTIONS ON THE SPACES PROVIDED**

**SECTION A ( 7 1/2 MKS)**

1 list three weathering agents of in the soil formation process (1½ hrs)

2 Name two breeds of dairy goats (1 mk)

3 Give two reasons for locating a nursery at a well sheltered place (1mk)

4 list four ways in which burning of vegetation may lead to lose of soil fertility (2 mk)

5. Give two conditions in agricultural production under which opportunity cost is zero. (1mk)

6Give two forms in which Nitrogen is absorbed by plants (1mk)

**SEECTION B (7 1/2 MK)**

7 The diagram below illustrates a final seedbed after tertiary operation done during land preparation. Study it carefully and answer the questions that follow .

a) Name the tertiary operation carried out on the seedbed. (½ mark)

b) Describe how the operation named in a above is carried out. (1½ mks )

c) Give two advantages of planting crops on the final seed bed illustrated above. (2mks)

8. what is the function of each of the following ingredients in the preparation of compost manure .

a)wood ash (1mk)

(b)top soil (1mk)

9. Name the deficient nutrient element in plants showing the following symptoms ;

(a)stunted growth, die back of plants tips, leaves roll up and chlorosis along the margins

 of young leaves (½mk)

(b)Yellowing of leaves appears first lower leaves turn brown and fall prematurely ,

 stunted growth (½ mk)

(c) leaf curling , yellowing of leaves tips and edges of leaves are scorched and have small

 mottles (½ mk)

**SECTION C (10 marks )**

10 (a) Discuss the importance of irrigation in farming (6 marks )

(b)Explain four factors affecting rooting of cuttings (4 marks )