**NAME ---------------------------------------------- CLASS --------------------------- ADM NO ----------------------**

**AGRICULTURE FORM 2**

**3RD TERM 2013 TIME: 2 HRS**

**INSTRUCTIONS**

* Answer all the questions in section A and B

**SECTION A (40MKS)**

**ANSWER ALL THE QUESTIONS IN THE SPACES PROVIDED**

1. State four disadvantages associated with the burning of land in shifting cultivation. 2mks
2. Give four human factors that influence production and distribution of crops and livestock. 2mks
3. Which are four advantages of primary cultivation? 2mks
4. State four factors that determine the number of times secondary cultivation is done. 2mks
5. What are four importance’s of sub soiling? 2mks
6. Give four ways of achieving minimum tillage. 4mks
7. State four ways how a farmer can prevent loss of soil fertility 4mks
8. Name three methods of applying inorganic fertilizers to crops. 3mks
9. State two signs of an animal attacked by tapeworms. 2mks
10. What are the three harmful effects of keds. 3mks
11. Give four reasons why crop rotation is encouraged. 4mks
12. State three disadvantages of growing one type of annual crop on the same piece of land continually. 3mks
13. Give two functions of a plastic material when used as mulch in crop production. 2mks
14. Name two types of amino acids 2mks
15. State three functions of proteins in a goat’s body. 3mks

**Section B (30mks)**

**Answer all the questions in spaces provided**

1. Study the diagram below of chick and answer the questions that follow.
2. Identify the cause of the condition shown 1mk
3. Give two symptoms that would be observed on breeding birds suffering from the same condition above. 2mks
4. Give three factors that influence the feed maintenance requirement of livestock. 3mks
5. Describe the procedure of breaking seed dormancy by superficial method. 5mks
6. Study the diagram below of a rabbit and answer the questions that follow
7. Identify the rabbit breed. 1mk
8. Give a reason for your answer in (a) above. 1mk
9. On the photograph above label the following parts. 3mks

P

Q

R

1. State two reasons for keeping rabbits. 2mks
2. What is earthing up? 1mk
3. Name two crops managed through earthing up. 2mks
4. State two reasons for earthing up. 2mks
5. State two causes of blossom end rot disease in tomatoes. 2mks
6. Give two ways of controlling blossom end rot disease. 2mks

I.calculation the amount of single super phosphate fertilizer containing 20% p2o5 the farmers need to apply in 2 hectares of land. 2mks

ii. Why is it advisable to apply phosphatic fertilizer at planting time? 1mk