

Term II Examinations-2019

S.1 Agriculture

*Time: 2hrs*

**INSTRUCTIONS**

**Answer all questions**

**SECTION A**

**1a) State the five soil components well known to you**

- i) .....
- ii) .....
- iii) .....
- iv).....
- v) .....

**b) Explain the importance of soil water to crop growth**

- i) .....
- ii) .....
- iii) .....
- iv).....
- v) .....

**2. Give the importance of humus in the soil**

- i) .....
- ii) .....
- iii) .....
- iv).....
- v) .....

**b) Give the various ways of maintaining organic matter levels in the soil**

- i) .....
- ii) .....
- iii) .....

- iv).....
- v) .....

**3a) Give the causes of drought in your community**

- i) .....
- ii) .....
- iii) .....
- iv).....
- v) .....

**b) In what ways can farmers insure against drought in your community**

- i) .....
- ii) .....
- iii) .....
- iv).....
- v) .....

**4a) what is crop rotation?**

.....

.....

**b) Give the factors considered in planning a good crop rotation.**

- i) .....
- ii) .....
- iii) .....
- iv).....
- v) .....
- vi).....
- vii) .....
- viii) .....

**5a) Define the following terms as used in arable farming**

**i) Monoculture**

.....  
.....

**ii) Mixed cropping**

.....  
.....

**iii) Intercropping**

.....  
.....

**b) Give the advantages of intercropping**

**i)** .....

**ii)** .....

**iii)** .....

**iv)**.....

**v)** .....

**vi)**.....

### **SECTION B**

**6. Describe an experiment to determine the percentage of air in a soil sample**

**7. a) Distinguish between population and population density**

**b) Explain the causes of high population growth in Uganda**

**END**