

Term 1 Examination-2019

S.3 Agriculture

Time: 2hrs

INSTRUCTIONS

Attempt atleast two questions from each of the sections

SECTION I

SOIL SCIENCE

1a) what is irrigation? (2mks)

b) Give the importance of irrigation in agricultural production (6mks)

c) Explain the factors that influence the choice of the irrigation method

2. Give the importance of the following soil components

i) Soil water (5mks)

ii) Soil water (5mks)

iii) Living organisms (5mks)

iv) Organic matter (5mks)

3a) Define soil texture (2mks)

b) Describe an experiment to determine the amount of air in a soil sample (13mks)

SECTION II

CROP PRODUCTION

4a) In which ways do pests cause damage to crops? (6mks)

b) Describe the general measures of pest control (14mks)

5a) outline the problems of weeds in crop production (10mks)

*b) what characteristics have made weeds more successful than crops?
(10mks)*

6. Describe the advantages of

i) sexual propagation (10mks)

ii) Asexual propagation (10mks)

END