

**W1-2-60-1-6**

## JOMO KENYATTA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY

**UNIVERSITY EXAMINATIONS 2016/2017**

**EXAMINATIONS FOR THE DEGREE OF MASTER OF SCIENCE IN AGRICULTURAL ENTOMOLOGY**

**SZL 3119: PESTS OF CROPS AND TREES**

**DATE: JUNE 2017 TIME: 3 HOURS**

INSTRUCTIONS: ANSWER ANY FOUR QUESTIONS

1. Using specific examples, discuss the various ways in which an insect can develop pest status. (25 marks)

2. Describe the biology and economic damage caused by *Bemisia tabaci .*

(25 marks)

3a) Outline the morphological features of *Busseola fusca.* (5 marks)

b) Describe the life cycle and economic damage of *Busseola fusca.*

(20 marks)

5. Describe the life cycle and biology of *Schistocerca gregaria.* (25 marks)

6. Write an essay on vertical stratification on trees pests. (25 marks)