

Eastern University, Sri Lanka

Faculty of Agriculture

Third Year Second Semester Examination in Agriculture 2016/17 (Proper / Repeat)

(July – 2019)

AB 3201 – Plant Resistance to Pests

Answer all questions

Time: 01 hour

This paper should be answered in English.

1. Write short notes on the following:

- a) Biosynthetic pathway of Jasmonic Acid (50 marks)
- b) Mechanism of Jasmonic Acid in responding against the insect pest attack (50 marks)

2. Briefly discuss the following:

- a) Antixenosis resistance mechanism of plants against phytophagous insects (50 marks)
- b) Development of biotypes in phytophagous insects (50 marks)