

KERALA AGRICULTURAL UNIVERSITY  
B.Sc (Hons.) Ag. Programme  
II<sup>nd</sup> Semester Re-Examination- August -2014

Cat. No: Ento.1202

Title: Insect Ecology & Integrated Pest Management (2+1)

Marks: 80

Time: 3 hours

**Part I**

**Answer the following**

**(10 × 1 = 10)**

**Fill up the blanks**

1. The sucking pest controlled by alternate wetting and drying in rice is \_\_\_\_\_
2. An effective egg parasitoid for sugarcane internode borer is \_\_\_\_\_
3. Fungus used for the control of rhinoceros beetle is \_\_\_\_\_
4. \_\_\_\_\_ sprayer uses electrical energy for droplet formation
5. An example for Juvenile hormone mimic is \_\_\_\_\_

**Define the following**

6. Population dynamics
7. IPM
8. Repellent
9. Pheromone
10. Anticoagulants

**Part II**

**Write short notes (Any ten only)**

**(10 × 3 = 30)**

1. Life table
2. Epidemic and endemic pest
3. Pest surveillance
4. Mechanical destruction in pest management
5. Plant quarantine
6. Granulosis Virus (GV)
7. Fungi in pest management
8. Aerosols and ULV concentrates
9. Pralinage, stem injection and padding
10. Baiting
11. Genetic control
12. Nozzle