

The Open University of Sri Lanka
B.Sc Degree Programme – Level 5
Course Title - Insect Biology
Course Code – ZLU 3186 / ZLE 5186
Final Examination - 2012/2013
Duration – Two hours (2)



Date: 15.06. 2013

Time: 9.30 am – 11.30 am

Answer **any four (04)** questions.

Wherever necessary illustrate your answers with clearly labeled diagrams

1. Describe the structural and adaptive modifications in the digestive system of solid and sap feeding insects.
2. Write a concise account on Honey bees.
3. Giving examples discuss the main locomotory organs of insects and the types of modifications related to function.
4. Explain the structural modifications for respiration in Aquatic insects.
5. (a) Briefly describe the female reproductive system in insects.
(b) Reason out why insects adopt different types of reproduction
6. Write short notes on **any three (03)** of the following
 - a) Tracheal system in insects
 - b) Haemocytes in insects
 - c) Metamorphosis in insects
 - d) Salivary glands in insects

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