

The Open University of Sri Lanka  
B.sc Degree Programme- level -5  
Course code –ZLU3186/ZLE5186  
Course tile – Insect Biology  
Final examination - 2013/2014  
Duration- Two hours (02)



---

Date: 25.06.2014

Time: 9.30am – 11.30 am

---

Answer any four (04) questions.

Wherever necessary illustrate your answers with clearly labeled diagrams.

---

1. Describe the structural and adaptive modifications of mouthparts exhibited by insects with different feeding patterns.
2. Write a concise account on communication in insects.
3. Giving examples discuss how insects protect themselves.
4. Write an account of Beneficial Insects.
5. If insects did not evolve, in your opinion what would the present biological system on earth be?
6. Write short notes on any three (03) of the following
  - (a) Insect wings
  - (b) Polyembryony in insects
  - (c) Mantophasmatodea
  - (d) Primitive insects

\*\*\*\*\*

*(Copyright reserved)*