

**UNIVERSITY OF RUHUNA**

**BACHELOR OF SCIENCE SPECIAL DEGREE LEVEL I (SEMESTER I)**

**EXAMINATION - JULY 2016**

**Subject : Zoology**

**Time: 01 hour**

**Course Unit: ZOO 4013 - Entomology**

Answer **any three (03)** questions only.

*Illegible handwriting would be penalized.*

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1. Describe beneficial impacts of insects on man and the environment.
2. Write an account on adaptations shown by aquatic insects for respiration.
3. Explain the term "pest". Briefly describe the causes of outbreak of pests in agro-ecosystems.
4. Write notes on the following.
  - (i). Apterygote insects
  - (ii). Nests of wasps
  - (iii). *Nilaparvata lugens*

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