

**AE-784**

M.Sc. (Final)

Term End Examination, 2016-17

# ZOOLOGY

Special Paper : Entomology

## Paper - IV

# Taxonomy, Economic Entomal and Pest Control

*Time* : Three Hours]      [*Maximum Marks* : 100  
[*Minimum Pass Marks* : 36

**Note** : Answer any **four** questions. All questions carry equal marks.

1. Describe the basis of insect classification with special reference to concept of insect orders.
2. Give characters and classification upto families along with suitable examples of order Orthoptera and Hymenoptera.

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3. Describe life cycle and economic importance of any two pests of paddy.

**OR**

Write about Pests of Vegetables in detail.

4. Give a detail account of control measures of pests of vegetables and pulses in the field.
5. Give a detail account of control measures of pests of stored grains.
6. Write short notes on the following :
  - (a) Life cycle and control measures of Aphids and its phases
  - (b) Parasitism in insects
7. Describe the methods involve in physical and cultural control of insect pests.
8. Write an essay on Integrated Pest Control.

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