

## **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*

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

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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 Hepidoptera.

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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.