

M.Sc. (Zoology) (NEP Pattern) Semester-II  
**02MSCZOO4-3 Major Elective Paper-III - Applied Entomology**

P. Pages : 1

Time : Three Hours



**GUG/S/25/15429**

Max. Marks : 80

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- Notes :
1. All questions are compulsory.
  2. All questions carry equal marks.
  3. Draw well labelled diagram wherever necessary.

1. Explain in Detail Pest of Paddy. 16

**OR**

Write notes on :

- a) Cultural and Biological Control of Pest.
- b) Economic Injury level (EIL) of Insect Pest.

2. Give detail account on Life cycle of Bombyx mori. 16

**OR**

Write notes on :

- a) Types of silk moth and their host plants.
- b) Common Insect pest and Diseases on mulberry silkworm.

3. Give detail account on Apiculture products and their uses. 16

**OR**

Write notes on :

- a) Social organization and life cycle of Honeybee.
- b) Modern methods of Bee Keeping.

4. Give detail account on Products and bye-products of lac. 16

**OR**

Write notes on :

- a) Lac insect and its life history.
- b) Natural enemies of lac insect.

5. Attempt the following. 16

- a) Duster.
- b) Employment potential in sericulture.
- c) Composition of honey.
- d) Lac Insect host.

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