

M.Sc.(Zoology) (CBCS Pattern) Fourth Semester CBCS  
**Foundation-II : PSCZOOT16.2 - Applied and Industrial Entomology**

P. Pages : 1

Time : Three Hours



**GUG/W/18/11424**

Max. Marks : 80

- Notes :
1. All question are compulsory.
  2. All questions carry equal marks.
  3. Illustrate your answers with suitable diagram.

1. Describe the rearing of Bombyx mori and problems encountered during rearing. 16

**OR**

Write notes on

- a) Cocoon harvesting.
- b) Ideal Conditions for Mulberry plantations.

2. Give an account of Natural host plants for Tasar silkworm and predators of tasar silkworm. 16

**OR**

Write notes on

- a) Life history of Antheraea mylitta.
- b) Cocoon formation.

3. Write an essay on lac cultivation. 16

**OR**

Write notes on

- a) Importance of forensic entomology.
- b) Tsetse fly.

4. Describe the bee keeping technique in movable frame line. 16

**OR**

Write notes on

- a) Apis dorsata.
- b) Colony formation.

5. Attempt the following. 16
- a) Silk glands of Bombyx mori
  - b) Hammock.
  - c) Ricinimoth
  - d) Economic importance of lac.

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