

M.Sc.(Zoology) (CBCS Pattern) Third Semester
PSCZOOT10-9 - Paper-X - Special Group - Sericulture-I (Moriculture)

P. Pages : 1

Time : Three Hours



GUG/W/18/11315

Max. Marks : 80

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

1. Write an essay on problems faced and future potentials of sericulture in India. 16

OR

Write notes on

- a) Sericulture industry in India.
- b) Extension in sericulture.

2. Elaborate in detail the challenges faced and scope of growth in silk export. 16

OR

Write Notes on

- a) Role of sericulture organization.
- b) Marketing and management of sericulture.

3. Explain in detail the process of Mulberry cultivation 16

OR

Write Notes on

- a) Damage and control measures of pests of Mulberry.
- b) Factors, symptoms and control measures diseases of Mulberry.

4. Discuss in detail the genetic control of disease resistance in Mulberry. 16

OR

Write Notes on

- a) Mutation in Mulberry
- b) Advantages and disadvantages of pure line clone and mass selection.

5. Attempt the following. 16

- a) Types of Silkworm
- b) Silk reeling and processing.
- c) Morphology of Mulberry plant.
- d) Photoperiodism and transcription.
