



Sl. No. 0086

Total No. of Pages : 2

I Semester B.Sc. Degree Examination, March/April - 2021
(Scheme : CBCS) (2019 Batch Onwards)

SERICULTURE

Biology of Mulberry and Silkworm (Paper - I)

Time : 3 Hours

Max. Marks : 80

Instructions : 1) All Questions are compulsory.
2) Draw diagram wherever necessary.

I. Answer the following questions :

[5 × 1 = 5]

- 1) Expand CSB.
- 2) Name any two species of mulberry.
- 3) What is parthenocarpy.
- 4) Name any two popular silkworm breeds.
- 5) Name the excretory organ in silkworm.

II. Write short notes on any five of the following :

[5 × 3 = 15]

- 6) Tropical sericulture.
- 7) *Morus alba*
- 8) Mulberry seed.
- 9) V-1 Variety.
- 10) Voltinism.
- 11) Morphology of male moth.
- 12) The Spiracle.

P.T.O.

III. Answer any six of the following:**[6 × 5 = 30]**

- 13) Write a note on sericulture organization in Karnataka.
- 14) Write a note on role of women in sericulture.
- 15) Explain the economic importance of family Moraceae.
- 16) Explain the microsporogenesis in mulberry.
- 17) Describe the internal structure of root.
- 18) Explain the salient features of family Bombycidae.
- 19) Describe the morphology of silkworm larva.
- 20) Explain the structure of silk gland.

IV. Answer any three of the following :**[3 × 10 = 30]**

- 21) Write an account on the origin and history of sericulture.
- 22) Describe the floral biology of mulberry.
- 23) Give an account on mulberry varieties of Karnataka.
- 24) Describe the morphology and anatomical structure of nervous system in silkworm larva.

