



95010

M.Sc. Examination, Nov/Dec 2019
SEMESTER SCHEME (CBCS) (Open Elective Paper)
SERICULTURE
Sericulture Technology

Time: 3 Hours

Max Marks: 70

INSTRUCTIONS: Answer all questions. Draw diagrams wherever necessary.

I. Answer the following

(7x1=7)

- 1) What are the components of sericulture?
- 2) What is optimum soil Ph for mulberry cultivation?
- 3) What is sapling?
- 4) Mention any two sericigenous insects?
- 5) Write the orientation of the rearing house in tropical countries.
- 6) What are disinfectants?
- 7) What is degumming?

II. Write short notes on any six of the following

(6x3=18)

- 8) Mulching.
- 9) Seedling.
- 10) Care during moulting.
- 11) Incubation.
- 12) TSCs.
- 13) Bihar hairy caterpillar.
- 14) Doubling.
- 15) Pupal oil.

III. Answer any five of the following

(5x5=25)

- 16) What is layering? Explain the methods of layering.
- 17) Explain the selection and preparation of planting material in mulberry cultivation.
- 18) Classify the silkworm based on voltinism.
- 19) Explain the mono pan method of cooking.
- 20) List out the rearing equipments and mention their uses.
- 21) Explain the symptoms and preventive measures of grasserie.
- 22) Give a brief account on bye products of sericulture industry.

IV. Answer any two of the following

(2x10=20)

- 23) Write in detail the origin, history and spread of sericulture.
- 24) What is stifling? Explain the methods of steam stifling.
- 25) What is weaving? Give an account on primary motion and secondary motion.
