



Sl.No. 0074

Total No. of Pages : 2

V Semester III Year B.Sc. Examination, March/April - 2021

(Scheme : CBCS) (2016-2018 Batches)

SERICULTURE

Silkworm Seed Technology (Paper - VI)

Time : 3 Hours

Max. Marks : 70

- Instructions :*
- 1) All questions are compulsory.
 - 2) Draw diagrams wherever necessary.

I. Answer the following questions :

[5 × 1 = 5]

- 1) What is seed area?
- 2) Mention any two disinfectants.
- 3) Name the types of grainages.
- 4) What is synchronization?
- 5) What is eclosion?

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

[5 × 3 = 15]

- 6) Fertilization.
- 7) Preservation of seed cocoons.
- 8) Oviposition.
- 9) Diapause egg.
- 10) Blue egg stage.
- 11) LSP's.
- 12) Hot acid treatment.

P.T.O.

III. Answer **any four** of the following :

[4 × 5 = 20]

- 13) Explain the activities in P4 centers.
- 14) Give an account on seed cocoon markets.
- 15) Explain incubation of silkworm eggs.
- 16) Explain seed production plan.
- 17) Write a note on loose egg preparation.
- 18) Explain individual mother moth examination.

IV. Answer **any three** of the following :

[3 × 10 = 30]

- 19) Explain the three tier seed multiplication system in detail.
- 20) Explain the different steps involved in the preparation of hybrid layings.
- 21) Explain hibernation schedule for 6 and 10 months.
- 22) Explain the different disinfection methods.
- 23) Explain the various stages of silkworm embryo development.

