



V Semester B.Sc. Examination, October/November 2018
(CBCS) (2016 Batch Onwards)
SERICULTURE
Paper – VI : Silkworm Seed Technology

Time : 3 Hours

Max. Marks : 70

Note : 1) Answer *all* questions.

2) **Draw diagrams wherever necessary.**

- I. Answer the following : (5×1=5)
- 1) What is diapause ?
 - 2) What are selected seed rearers ?
 - 3) What is grainage ? Write its types.
 - 4) Mention ideal embryonic stage for cold storage.
 - 5) Expand LSP.
- II. Write short notes on **any five** of the following : (5×3=15)
- 6) Structure of silkworm egg.
 - 7) Seed Act.
 - 8) Seed cocoon price fixation.
 - 9) Seed production plan.
 - 10) Refrigeration of male moths.
 - 11) Cold acid treatment.
 - 12) Bye products of grainage.
- III. Answer **any four** of the following : (4×5=20)
- 13) What are seed areas ? Explain its concept and features for identification.
 - 14) Write an account on disinfection in a grainage.
 - 15) List out any ten grainage equipments with their uses.



- 16) What is mother moth examination ? Explain its methods.
- 17) Explain environmental conditions required for grainage activities.
- 18) Explain egg disinfection and handling of multivoltine eggs.

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

(3×10=30)

- 19) Write an account on silkworm embryogenesis from fertilization to blastokinesis.
 - 20) What are basic seed multiplication farms ? Explain the activities of P3 and P2 centres.
 - 21) What is synchronization ? Explain its various steps to be considered in a grainage.
 - 22) Explain different steps involved in the preparation of loose eggs.
 - 23) Write an account on hibernation schedule for 6 and 10 months duration.
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