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SUBJECT CODE NO:- B-2087
FACULTY OF SCIENCE AND TECHNOLOGY
B.Sc. (Zoology) T.Y (Sem-VI)
Examination November/December-2022
Elective Paper
Zoology Paper-XX (602)
Animal Culture- II

[Time: 1:30 Hours]

[Max.Marks:50]

“Please check whether you have got the right question paper.”

- N.B. i) Attempt all questions.
 ii) Illustrate your answer with suitable labeled diagram.
- Q.1 Write an essay on history and general account of Sericulture industry. 20
 OR
 Describe Morphology of different stages of Bombyx Mori.
- Q.2 Give in detail about Selection of variety, Preparation of Planting material and methods of plantation in Mulberry. 20
 OR
 Write short notes on any four of the following.
 a) Silk gland
 b) Morphology of mulberry plant
 c) Diseases of mulberry plant
 d) Rearing house
 e) Hatching and brushing of larvae
 f) Feeding and its schedule
- Q.3 Select and write correct answer from the given alternatives in each sub questions. 10
- 1) Taxonomically Silkworm comes under _____ order.
 a) Diptera b) Lepidoptera c) Hemiptera d) None
 - 2) Mulberry silkworm female lays _____ eggs in its life span.
 a) 100 – 200 b) 200 – 300 c) 300 – 400 d) 400 – 500
 - 3) Length of Mulberry Silkworm egg is
 a) 0.5 mm b) 0.1 mm c) 0.2 mm d) 1 mm
 - 4) Egg hatching in Mulberry Silkworm takes place within _____ days.
 a) 2 b) 4 c) 6 d) 10
 - 5) Mulberry Silkworm majority feeds on _____.
 a) Bark b) Root c) Leaves d) Flower
 - 6) _____ are used for supporting Silkworm to spin.
 a) Mountages b) Nets c) Stands d) All above

- 7) Which stage of Silk Moth Life cycle is involved in Silk Production
a) Egg b) Larvae c) Pupa d) Adult
- 8) Causal agent for nuclear Polyhydrosis is _____.
a) Bacteria b) Fungus c) Algae d) Virus
- 9) Muscardine is a _____ disease.
a) Fungal b) Bacterial c) Viral d) All above
- 10) Regional Silk research station located at _____ in Maharashtra.
a) Pune b) Mumbai c) Thane d) Dhule