

**B.Sc. DEGREE IN SERICULTURE TECHNOLOGIES EXAMINATION,
MAY - 2022**

**(MARKET ORIENTED COURSE)
CHOICE BASED CREDIT SYSTEM
FIRST SEMESTER**

**PART - I : SERICULTURE BOTANY AND SILKWORM BIOLOGY
(Under CBCS New Regulation w.e.f. the academic year 2020-21)**

Time : 3 Hours

Max. Marks : 75

SECTION - A

Answer any **FIVE** of the following questions. (Draw labelled diagrams wherever necessary) (5×5=25)

1. Morphology of silk worm.
2. Development of Endosperm.
- ~~3.~~ Components of sericulture.
- ~~4.~~ Importance of Mulberry silk.
5. Endosperm.
- ~~6.~~ Hybrids of Karnataka.
7. Classification of sergenious insects.
- ~~8.~~ Excretory system in silk worm.

SECTION - B

Answer all the questions each carries 10 marks.

(5×10=50)

9. a) What are types of Textile fibres.

(OR)

- ~~b)~~ Discuss about the sericultural organization in India.

10. ~~a)~~ What are the different types of Mulberry.

(OR)

b) Write about the food plants of silk worms.

11. ~~a)~~ Explain about Micro and Megasporogenesis.

(OR)

~~b)~~ Explain the internal structure of stem and root.

12. ~~a)~~ Write the classification of sericigenous insects.

(OR)

b) Explain the life cycle of Bombyxmori.

13. ~~a)~~ Write the nervous system of silk worm larva.

(OR)

b) Explain the anatomical structure of silk gland.
