

**CF650**

Y-137

Sl.No. **0102**

Total No. of Pages : 2

**VI Semester B.Sc. Examination, April/May 2019**

**(Semester Scheme: CBCS) (2016 Batch Onwards)**

**SERICULTURE**

**DSE-4: Silk Technology**

**Time : 3 Hours**

**Max. Marks : 70**

**Instructions :** 1) *Answer All questions.*

2) *Draw diagrams wherever necessary.*

**I. Answer all questions**

**[5×1=5]**

**Q1)** Mention two textile fibers of plant origin.

**Q2)** What is brushing?

**Q3)** What is skeining?

**Q4)** What is standard atmospheric condition in silk industry?

**Q5)** What is dyeing?

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

**[5 ×3 =15]**

**Q6)** Importance of shell ratio.

**Q7)** Sun drying of cocoons.

**Q8)** Reeling water hardness.

**Q9)** Lacing.

**P.T.O.**

*Q10)* Silk throwing.

*Q11)* Importance of silk bleaching.

*Q12)* Objectives of silk finishing.

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

**[4 × 5 = 20]**

*Q13)* Explain commercial characters of cocoon.

*Q14)* What is stifling? Explain basket method with its merits demerits.

*Q15)* Write an account on reeling water quality with their corrective measures.

*Q16)* Explain the physical and chemical properties of raw silk.

*Q17)* Write an account of weft preparation.

*Q18)* Explain printing of silk fabrics.

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

**[3 × 10 = 30]**

*Q19)* Explain the activities of cocoon market.

*Q20)* Explain mono and three pan method of cocoon cooking.

*Q21)* Explain:

- i) Reeling of country charaka.
- ii) Bye products of pupal waste.

*Q22)* Explain winding and size deviation test.

*Q23)* Write an account on spun silk production.