

**Total No. of Questions : 09**

## TEXTILE DYEING AND PRINTING

**Subject Code : BSFT-302**

**Paper ID : [F0421]**

**Time : 3 Hrs.**

**Max. Marks : 60**

1. **SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.**
2. **SECTION-B contains FIVE questions carrying FIVE marks each and students has to attempt any FOUR questions.**
3. **SECTION-C contains THREE questions carrying TEN marks each and students has to attempt any TWO questions.**

**1. Attempt all questions in brief :**

- i Buffer
- ii Block printing
- iii Chromopore
- iv Brief about cross dyeing.
- v Pigment colours
- vi Mordant
- vii Pure cellulose dye
- viii Viscosity
- ix Tie and Dye
- x Primary colours

### **SECTION-B**

2. Explain the intra-polymer bonding.
3. Difference b/w Cross dyeing and Union Dyeing.
4. Explain the Affinity of dyes for different fibres.
5. Difference b/w Beam dyeing and Jig dyeing.
6. State the importance of temperature and %age shade in dyeing process.

### **SECTION-C**

7. Explain in detail the various synthetic dyes and their fastness properties.
8. Discuss the photographic printing.
9. Write in detail about testing of colour fastness of dyes textile materials.