

Roll No. Total No. of Pages: 02

Total No. of Questions: 09

B.Sc.(FT) (2012 & Onwards) (Sem.-3) TEXTILE DYEING AND PRINTING

> Subject Code: BSFT-302 Paper ID: [F0421]

Time: 3 Hrs. Max. Marks: 60

### **INSTRUCTION TO CANDIDATES:**

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

## **SECTION-A**

# 1. Attempt all questions in brief: Description of the control of the co

- i
- iii

- Mordant
- vii Pure cellulose dye
- viii Viscosity
- ix Tie and Dye
- 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.

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