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Total No. of Printed Pages: [01]

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**B.Sc. FT (Semester – 2<sup>nd</sup>)**  
**TEXTILE STUDIES – II**  
**Subject Code: BFTE2213**  
**Paper ID: [130208]**

**Time: 03 Hours**

**Maximum Marks: 60**

**Instruction for candidates:**

1. Section A is compulsory. It consists of 10 parts of two marks each.
2. Section B consist of 5 questions of 5 marks each. The student has to attempt any 4 questions out of it.
3. Section C consist of 3 questions of 10 marks each. The student has to attempt any 2 questions.

**Section – A**

**(2 marks each)**

Q1. Attempt the following:

- a. Define natural fibers and provide an example.
- b. Explain the concept of yarn twist.
- c. What are the preparatory processes involved in dyeing cotton?
- d. Differentiate between dyes and pigments.
- e. Describe the stages of dyeing in textile production.
- f. Define yarn numbering and its significance.
- g. Name two types of novelty yarns.
- h. Briefly explain the process of mercerization.
- i. Define blended yarn.
- j. Define Blotch Dyeing.

**Section – B**

**(5 marks each)**

- Q2. Discuss the classification of dyes used in textile dyeing.
- Q3. Explain the environmental concerns associated with textile printing.
- Q4. Describe the manufacturing processes involved in spinning and weaving.
- Q5. Define singeing and desi zing in textile preparation processes.
- Q6. Discuss the application of dyes on textiles.

**Section – C**

**(10 marks each)**

- Q7. Outline the methods of textile printing, emphasizing their significance in the industry.
- Q8. Elaborate on the field trip to a dyeing and printing unit, highlighting its educational importance.
- Q9. Analyze the properties and end uses of natural and man-made fibers in textile production.