Roll No……..….. **Total No. of Printed Pages: [01]**
Total No. of Questions: [09]

B.Sc. FT (Semester – 2nd)
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.