

2123

B. Voc. (Fashion Technology and Apparel Design)

Fifth Semester

FTD-504: Fabric Techniques and Prototype Development

Time allowed: 3 Hours

Max. Marks: 40

**NOTE:** Attempt five questions in all, including Question No. 1 which is compulsory and selecting one question from each Unit.

x-x-x

I. Explain the following in one or two lines only: -

- a) Flocking
- b) Purl stitch
- c) Calendaring
- d) Marble printing (4x2)

### UNIT - I

- II. Discuss finishes that affect the appearance of fabrics, such as bleaching, embossing, glazing and singeing. (8)
- III. Explain finishes that affect texture, including napping, burnt out design, acid finish and stiffening. (8)

### UNIT - II

- IV. Outline the basic weft knit stitches: single jersey, rib, float and interlock. (8)
- V. Compare warp and weft knitting and discuss common defects found in knitted fabrics. (8)

### UNIT - III

- VI. Define dyes and classify them. Explain the stages of dyeing. (8)
- VII. Discuss the process of Batik Dyeing in detail. (8)

### UNIT - IV

- VIII. Define printing and discuss various printing techniques, including direct, resist, discharge and transfer printing. (8)
- IX. Explain the methods of printing, such as block printing, blotch printing, burn-out printing, and screen printing. (8)

x-x-x