

2013

M. Voc. (Fashion Technology and Apparel Design)

First Semester

FTD-703: Fabric Construction - I (Theory)

Time allowed: 3 Hours

Max. Marks: 80

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

x-x-x

I. Write briefly about the following:

- a) Resiliency
- b) Retting
- c) Acrylic fibers
- d) Yarn numbering

(4x4)

UNIT - I

- II. Classify textile fibers and write briefly about its various properties. (16)
- III. Discuss the SWOT analysis of the Indian Textile Industry. (16)

UNIT - II

- IV. Explain the manufacturing process of yarn from cotton fiber and write its various properties. (16)
- V. Explain the manufacturing process of yarn from wool fiber and write briefly about its various properties. (16)

UNIT - III

- VI. Discuss the manufacturing process of rayon fiber with the help of a flow chart and write its various properties. (16)
- VII. Explain the physical and chemical composition, polymerization process and properties of nylon 66. (16)

UNIT - IV

- VIII. Classify yarns and explain the simple and novelty yarns with suitable illustrations. (16)
- IX. What are the various methods of spinning? Explain the chemical spinning with suitable examples. (16)

x-x-x