

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 a brief note on any four of your choice:-

- a) Difference in worsted and woolen fabrics
- b) Emerging Textile Technologies
- c) Wet Spinning
- d) Direct yarn numbering system

(4x4)

**UNIT - I**

II. Give classification of fibre

- a) On the basis of source of origin.
- b) On the basis of length. Write about properties of a fibre also.

(2x8)

III. Give SWOT analysis of a garment industry. Enumerate the basic pointers to be kept in mind while doing analysis.

(16)

**UNIT - II**

IV. Give a diagrammatic representation of a silk moth lifecycle. Discuss its physical and chemical properties.

(16)

V. Discuss manufacturing process of Linen. What are the physical and chemical properties of linen?

(16)

**UNIT - III**

VI. Name different types of manmade fibres? Write manufacturing process of Terylene.

(16)

VII. What are various factors that made acrylic suitable for winters? Write points of similarity and differentiation in Acrylic and Modacrylic.

(16)

**UNIT - IV**

VIII. How can different yarns be classified?

(16)

IX. Describe yarn spinning. Discuss various methods of yarn spinning.

(16)

x-x-x