

Exam. Code : 103203

Subject Code : 1145

B.A./B.Sc. 3rd Semester

**FASHION DESIGNING & GARMENT
CONSTRUCTION**

(Fundamentals of Textiles)

Time Allowed—3 Hours]

[Maximum Marks—40

Note :— Attempt **FIVE** questions in all, selecting at least **ONE** question from each section. **Fifth** question may be attempted from any section. All questions carry equal marks.

SECTION—A

1. Explain the following properties of Textile fibres :
 - (a) Yarn Evenness and Yarn Twist
 - (b) Fibre and Fibre strength
 - (c) Elasticity
 - (d) Moisture Absorption
2. Discuss the classification of Textile fibres. Draw a flowchart for the same. Also, explain man-made fibres in detail.

SECTION—B

3. Discuss the manufacturing process of Cotton.
4. Discuss the physical and chemical properties of Silk.

SECTION—C

5. Describe the manufacturing process of Spandex, an artificial fibre.
6. What is the difference between Wet Spinning and Dry Spinning ?

SECTION—D

7. Discuss the characteristics of the following yarns classified as :
 - (a) Carded and Combed yarns
 - (b) Filament and Spun yarns
8. What is the difference between simple yarns and textured yarns ? Explain using suitable examples.