

Exam. Code : 103203

Subject Code : 1154

B.A./B.Sc. 3<sup>rd</sup> Semester

**FASHION DESIGNING & GARMENT CONSTRUCTION**

**(Fundamentals of Textiles)**

Time Allowed—3 Hours]

[Maximum Marks—40

**Note :-** Attempt **four** questions in all. Attempt **one** question from each Unit.

**UNIT-I**

1. What do you understand by 'Textiles' ? Discuss the importance of textiles in Fashion Designing. 10
2. (a) Classify textile fibres on the basis of their origin. 5
- (b) Define :
  - (i) Fibre strength
  - (ii) Moisture absorption. 2.5×2=5

**UNIT-II**

3. Discuss the manufacturing process of cotton in detail. Write the physical and chemical properties of cotton fibres. 10
4. Explain the manufacturing and properties of wool fibres. 10

### UNIT-III

5. Explain the manufacturing process of spandex. 10
6. Discuss the manufacturing process of nylon with the help of flow chart. Describe physical and chemical properties of nylon. 10

### UNIT-IV

7. Differentiate between :
  - (a) Carded and combed yarns
  - (b) Woollen and worsted yarns.  $5 \times 2 = 10$
8. What are novelty yarns ? Explain different types of novelty yarns. 10