

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

**FASHION DESIGNING AND 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. Discuss the importance of studying textiles in fashion designing. <http://www.gnduonline.com> 10
2. (a) What is a fibre, a yarn and a fabric ? Classify fibers on the basis of their sources and origin. 6
- (b) Define the following terms : 2×2=4
  - (i) Fiber evenness
  - (ii) Fiber elasticity.

**UNIT—II**

3. Discuss the manufacturing process of silk fibre. 10
4. Explain in detail the manufacturing and properties of cotton. 10

**UNIT—III**

5. Discuss the physical and chemical properties of Nylon. 10

6. Explain the manufacturing process and properties of spandex. 10

**UNIT—IV**

7. Briefly describe the characteristics of (i) Spun and filament yarns and (ii) Woolen and worsted yarns. 2×5=10
8. Explain some of important novelty yarns in use. Support your answer with diagrams. 10