

**Exam. Code : 108601**

**Subject Code : 2872**

**B.Sc. Fashion Designing 1<sup>st</sup> Semester**

**TEXTILE CHEMISTRY—I**

**Paper—V**

Time Allowed—3 Hours] [Maximum Marks—60]

**Note :—**Attempt any **SIX** questions out of the following **EIGHT** questions. Each question carries **10** marks. Question No. 1 is compulsory.

1. Define any **TEN** out of the following :—

- (1) Spun yarn
- (2) Mélange yarn
- (3) Viscose Rayon
- (4) Cord yarn
- (5) Asbestos fibre
- (6) TPI
- (7) Moisture Content
- (8) Immature fibre
- (9) Cable yarn
- (10) Yarn Count
- (11) Drapability
- (12) Dry Spinning.

10×1=10

2. Discuss the impact of fibre blending on the physical and chemical properties of textile material and mention four popular blends along with end uses. 10
3. Discuss the polyester fibre manufacturing process along with their properties and end uses. 10
4. Explain the physical and chemical properties of Viscose Rayon fiber along with their end uses. 10
5. Compare the properties of Silk and Wool fiber along with end uses. 10
6. Write short notes on :—
  - (1) Wet spinning
  - (2) Weighting of Silk. 5×2=10
7. Explain the fancy yarn manufacturing process in detail along with their end uses. 10
8. Compare the properties and characteristics of
  - (1) Carded yarn and Combed yarn
  - (2) Filament yarn and Spun yarn. 5×2=10