

**Exam. Code : 108601**  
**Subject Code : 2041**

**B.Sc. Fashion Designing 1<sup>st</sup> Semester**  
**(Batch 2021-24)**

**FIBRE TO FABRIC**

**Paper—V**

Time Allowed—3 Hours] [Maximum Marks—60

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

**SECTION-A**

1. Explain the following briefly :
  - (a) Absorbency
  - (b) Drapability
  - (c) Blend
  - (d) Fabric 12
2. Classify textile fibers according to their source and origin. 12

**SECTION-B**

3. Explain the manufacturing process of Linen. Discuss its physical properties. 12

4. Explain the manufacturing process of Wool. Discuss its properties. 12

**SECTION-C**

5. Explain the manufacturing process of Nylon and give its properties. 12
6. Explain the manufacturing process of Spandex and give its properties. 12

**SECTION-D**

7. Which yarns are mechanically spun ? Give the process of mechanical spinning of yarns. 12
8. Explain the following yarn properties :
  - (a) Yarn density
  - (b) Yarn count
  - (c) Yarn strength
  - (d) Twist direction 12