

Exam. Code : 103203

Subject Code : 1139

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

**FASHION DESIGNING & GARMENT
CONSTRUCTION (Fundamentals of Textiles)**

Time Allowed—3 Hours]

[Maximum Marks—40

Note :—This question paper contains eight questions. Candidates are required to attempt **five** questions 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 properties of Textile fibres :
 - (a) Fibre Length
 - (b) Fire and Filament
 - (c) Grey Goods
 - (d) Yarn and Fabric.
2. Discuss the classification of Textile fibres. Draw a flowchart for the same. Also, explain natural fibres in detail.

SECTION-B

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

SECTION-C

5. Describe the manufacturing process of Rayon.
6. What is the difference between Dry Spinning and Melt Spinning ?

SECTION-D

7. Discuss the characteristics of the following yarns classified as :
 - (a) Woollen and Worsted
 - (b) Combed and Carded.
8. What is the difference between novelty yarns and bulk yarns ? Explain using suitable examples.