

**Exam. Code : 108203**

**Subject Code : 2064**

**B.Sc. Home Science 3<sup>rd</sup> Semester**

**TEXTILE SCIENCE**

**Paper—IV**

Time Allowed—3 Hours] [Maximum Marks—60

**Note :—** Attempt any *five* questions. Question No. 1 is compulsory. Each question carries equal marks.

1. Define :
  - (a) Regenerated fibers
  - (b) Retting of linen
  - (c) Weighting of silk
  - (d) Yarn twist
  - (e) Bonding
  - (f) Dobby weave.
2. Explain the manufacture of woollen fabric. Which properties of wool make it suitable for winter wear ?
3. Write in detail about various novelty yarns.
4. Define weaving. Explain basket and twill weave.
5. Explain various reducing bleaches. What are their effects on different fabrics ?
6. Write about the following :
  - (a) Functions of finishes on fabrics
  - (b) Crease-Resistant finish
  - (c) Calendering
  - (d) Flame Resistant finish
  - (e) Sizing.
7. Classify dyes. Explain natural dyes in detail.
8. What do you mean by resist dyeing ? Explain the process.