

Roll No. ....

Total Pages : 02

BT-7/D-13

8787

MANUFACTURING OF SPECIALITY FABRICS

TT-429

Time : Three Hours]

[Maximum Marks : 100

**Note :** Attempt *Five* questions in all, selecting at least *one* question from each Section. All questions carry equal marks.

**Section I**

1. What is Denim ? How are Denim fabrics manufactured ? With the help of neat diagram, explain the manufacturing and dyeing of denim yarns and fabrics.
2. Compare between Damask and Brocade Fabrics. With the help of suitable motif explain how a damask fabric is manufactured.

**Section II**

3. Distinguish between Gauze and Leno structure. With the help of neat diagram, explain the principle of manufacturing Gauze and Leno structure.

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4. Compare between Lappet and Swivel weaving. Also discuss the manufacturing technique of both the weaving.

**Section III**

5. What do you mean by Narrow Fabric Weaving ? What are the special mechanisms required in narrow fabric weaving ? With the help of neat diagrams, explain the weft insertion mechanism of narrow fabric weaving.
6. What is Carpet ? What are the different carpet weaving processes ? With the help of neat diagram, explain the manufacturing processes of WILTON and BRUSSEL Carpets.

**Section IV**

7. What do you understand by Braided Structure ? Classify braided structure according to construction. With the help of neat diagram, explain the manufacturing processes of Braided Structure.
8. What is Spacer Fabric ? Describe the manufacturing process of spacer fabrics. Also explain the properties and end uses of Spacer Fabrics.