

Roll No.

Printed Pages : 2

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BT-7/D12

MANUFACTURING OF SPECIALITY FABRICS

Paper-TT-429

Time allowed : 3 hours]

[Maximum marks : 100

Note : Attempt any five questions, taking at least one question any from each unit.

Unit-I

1. What is DAMASK ? How fabrics are being manufactured on Self Twilling Jacquards ? With the help of suitable motif, explain how the damask fabrics are produced of 8-end Sateen/Satin design. 20
2. What are the Terry Pile fabrics ? Discuss the salient features of Terry pile fabrics. With the help of sectional diagrams, explain the formation of pile in 3 Pick Terry structure. Also discuss the special requirements of Terry loom. 20

Unit-II

3. Distinguish between Gauze and Leno structure. With the help of diagrams, explain the principle of manufacturing Gauze and Levo fabrics. With the help of sectional diagram, draft and lifting plan, draw Gauze and Levo structure. 20

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4. What do you understand by uncommon woven structure ? Compare between Lappet and Swivel weaving. With the help of neat diagrams, explain the working principle of Lappet and Swivel Weaving. 20

Unit-III

5. What do you mean by Narrow fabric Weaving ? With the help of neat sketches, explain the special mechanisms required in narrow fabric weaving. Also discuss the different types of narrow fabrics that are commonly used. 20
6. What is Carpet ? With the help of neat diagrams explain the manufacturing process of Carpet Weaving. With the help of sectional diagrams, discuss the manufacturing of WILTON and BRUSSELS. 20

Unit-IV

7. What do you understand by Braided Structure ? Classify according to Construction of Braided structure. With the help of neat diagrams, explain the production techniques of various types of Braided structure. 20
8. Compare between spacer fabric and 3-D Braided structures. With the help of neat diagrams, explain the manufacturing of spacer fabrics. Also discuss the properties of spacer fabrics. 20

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