

Roll No.

Total Pages : 2
9056

BT-7/D09
MANUFACTURING OF
SPECIALITY FABRICS
Paper : TT-429

Time : Three Hours]

[Maximum Marks : 100

Note : Attempt any *five* questions taking at least *one* question from each unit. All questions carry equal marks.

UNIT-I

1. Distinguish between DAMASK and BROCADE. Construct a design of Damask and Brocade using suitable motif for each design. 20
2. What do you mean by Terry-pile fabrics ? With the help of a suitable sectional diagram, discuss the principle of pile formation on Terry Loom. Also discuss the special requirements of terry loom. By using a suitable motif, draw a Terry-pile design. 20

UNIT-II

3. Compare between Gauge and Leuo fabrics. With the help of neat sketches, discuss the principle of manufacturing gauge and leuo fabrics. Draw design, draft and lifting plan of a Leuo structure. 20
4. What are the salient features of a Double cloth ? With the help of a suitable motif, draw design, lifting plan, drafting plan and sectional diagrams of an Interchanging double cloth. 20

UNIT-III

5. What is Narrow fabric weaving ? What are the different types of narrow woven fabrics ? With the help of neat diagram, discuss the working principle of a narrow weaving machine. 20
6. What is Carpet ? Discuss the various types of mechanisms of Carpet weaving. With the help of neat diagram, discuss the manufacturing process of Wilton carpet. Also show design and draft & Lifting plan and sectional diagram. 20

UNIT-IV

7. What is Braided structure ? What are the different methods of producing braided belting structure ? Discuss briefly all of them. 20
8. What is Spacer fabric? What are the different manufacturing techniques of spacer fabric ? Explain. Also discuss the properties of spacer fabric. 20

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