

Roll No. ....

Total Pages : 2

BT-8/M-13

**8883**

**PROCESSING OF MAN MADE BLENDED  
TEXTILES**

Paper-TT-424

Time Allowed : 3 Hours

[Maximum Marks : 100]

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

**UNIT-I**

1. How does structure of synthetic fibres differ with natural fibres? Describe suitable dyes for various synthetic fibres on the basis of their chemical structure. 20
2. Discuss objective of blending and various problem associated in processing of blends. 20

**UNIT-II**

3. Describe various ways of polyester dyeing with suitable recipe, procedure and machine diagram. 20
4. How does pretreatment of synthetic fibres differ with natural fibres? Write it in detail with suitable recipes. 20

**UNIT-III**

5. Describe transfer printing of synthetics and their blends in detail. 20

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6. Discuss dyeing of polyester/cotton blend with associated problems and their remedies. 20

**UNIT-IV**

7. Classify various finishes. Discuss mechanical finishes suitable to man made fibres in detail. 20
8. Why are synthetic fibres more prone to static charge generation and soiling? Describe mechanism of antistatic and soil release finishes with few examples of suitable chemical finishes. 20

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