

2124

M. Voc. (Fashion Technology and Apparel Design)  
Third Semester  
FTD-904: Textile Studies (Theory)

Time allowed: 3 Hours

Max. Marks: 40

**NOTE:** Attempt five questions in all, including Question No. 1 which is compulsory and selecting one question from each Unit. All questions carry equal marks.

x-x-x

1. Write briefly about the following:-

- a) Dye fiber interaction during dyeing
- b) Garment dyeing
- c) Environmental impact on textiles
- d) Water repellent finish

**UNIT-I**

2. What are the various classes of dyes and explain the Role of fiber structure in dyeing?
3. Explain the application of Azoic dyes and direct dyes on cotton fabrics?

**UNIT-II**

4. What are the various stages of dyeing? Discuss the merits and demerits of dope dyeing and stock dyeing?
5. Differentiate between dyeing and printing? Discuss the various principles of dyeing and printing?

**UNIT-III**

6. Discuss the comfort properties and durability properties with reference to the serviceability of clothing?
7. Define serviceability and explain the various factors which affect the serviceability of a textile material?

**UNIT-IV**

8. What are the various special purpose finishes? Explain water repellent finish and Durable press finish with suitable examples?
9. Explain the following special purpose finishes:
  - a) Moth proofing finish
  - b) Anti static finish

x-x-x