

PRACTICAL

1. Fibre Identification tests – 3

- Visual,
- burning,
- microscopic
- chemical

2. Yarn Identification – 3

- Single,
- ply,
- cord,
- textured,
- elastic,
- monofilament,
- multifilament
- spun yarn

3. Thread count and balance

4. **Dimensional stability** 2

5. **Weaves- Identification and their design interpretation on graph** 2

6. **Fabric analysis of light, medium & heavy weight fabrics (five each)** 2

- Fibre type
- Yarn type
- Weave
- GSM
- End use

- Trade name

7. **Tie and Dye : Different methods** 3

RECOMMENDED READINGS:

- Corbman, P.B., (1985) Textiles- Fiber to Fabric (6th Edition), Gregg Division/McGraw Hill Book Co., US.
- Joseph, M.L., (1988) Essentials of Textiles (6th Edition), Holt, Rinehart and Winston Inc., Florida.
- Sekhri S., (2013) Textbook of Fabric Science: Fundamentals to Finishing, PHI Learning, Delhi.
- Tortora, G. Phyllis, Understanding Textiles, McMillan Co. USA.
- Vilensky G., (1983) Textile Science, CBS Publishers and Distributors, Delhi