

M.Sc. DEGREE EXAMINATION – JUNE 2019.

Second Year

Apparel and Fashion Design

**TECHNICAL TEXTILES**

Time : 3 hours

Maximum marks : 75

**SECTION A — (5 × 5 = 25 marks)**

Answer any FIVE questions.

1. State the impact of globalization on technical textile industry
2. Differentiate: conventional and new developed fibre.
3. List down various methods of web laying in non-woven manufacturing.
4. Write a note on hydro entanglement process
5. What do you mean by batt in non —woven?
6. State the purpose of reinforcement
7. What are the advantages of laminating?
8. List down the various uses of textiles in a car.

SECTION B — (5 × 10 = 50 marks)

Answer any FIVE questions.

9. Summarize the 12 areas of technical textiles.
10. Explain about any two newly developed technical fibres.
11. Discuss the non-woven manufacturing by flash spinning.
12. How will you develop a composite material? Explain in detail.
13. Explain the fusible interlining.
14. Summarize the future prospects of technical textile industry.
15. Explain the various methods of coating a technical textile.
16. Discuss about defense textiles.

**PG-279**

**MAFD-10**

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**First Year**

**Apparel and Fashion Design**

**TEXTILE TESTING AND QUALITY CONTROL**

**Time : 3 hours**

**Maximum marks : 75**

**SECTION A — (5 × 5 = 25 marks)**

**Answer any FIVE questions.**

1. Define: Quality control.
2. What do you mean by temperature and humidity?
3. Explain about finer length.
4. What are the test required for yarn testing?
5. Write a note on pilling.
6. Explain about needle cutting in a fabric.
7. Explain about sewing threads.
8. Write a note on dry cleaning.

SECTION B — (5 × 10 = 50 marks)

Answer any FIVE questions.

9. Describe about importance of textile testing and analysis.
  10. Explain about bursting strength.
  11. Discuss about types of abrasion.
  12. Explain brief note on upholstery fabrics.
  13. Describe brief note on KES.
  14. Discuss about rotary platform method.
  15. Explain about colour fastness test.
  16. Write a note of safety aspects of textile.
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