

PG – 603

MAFD-07

**M.Sc. DEGREE EXAMINATION —
DECEMBER, 2019.**

Second Year

Apparel and Fashion Design

COMPUTER APPLICATION IN APPAREL INDUSTRY

Time : 3 hours

Maximum marks : 75

PART A — (5 × 5 = 25 marks)

Answer any FIVE questions

1. Explain about Computer Aided Fashion.
2. Write in brief on Computer Specifications.
3. What is Computerized Pattern Grading? Explain in brief.
4. Explain about Enterprise Resource Planning (ERP).
5. Explain how Warehouse storage systems carried out by computer.

6. Specify the applications of CAD in Clothing design.
7. Explain the Computer Colour Graphics.
8. Detect the method of creating computerized Jacquard designs.

PART B — (5 × 10 = 50 marks)

Answer any FIVE questions.

9. Enumerate the development of designs for surface decorations using CAD.
10. Describe the method of developing pattern and marker planning by CAD.
11. Explain the role of CAD software in an apparel industry.
12. Discuss in detail about Computer Aided Colour matching.
13. Give an account on computer controlled embroidery designs in clothing industry.
14. Explain in detail about application of compute in sewing department.

15. Describe how visual design is created by CAD.
 16. Narrate the steps involved in creating a weave design using computer with suitable examples.
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MAFD-8

**M.Sc. DEGREE EXAMINATION —
DECEMBER, 2019.**

Second Year

Apparel and Fashion Design

FASHION MERCHANDISING

Time : 3 hours

Maximum marks : 75

SECTION A — (5 × 5 = 25 marks)

Answer any FIVE questions

1. Why merchandising is so important in an apparel industry? Explain.
2. Detect the scope of merchandising.
3. Infer the role of merchandiser in a buying agency.
4. Discuss the procedure adopted for selection of buyers.
5. What is delivery date extension? Explain the reasons for delay with example.
6. Discuss the importance of LC Amendments.

7. Explain why fashion trend knowledge is must for a merchandiser.
8. Discuss the benefit of conducting survey and exhibitions for a fashion business.

SECTION B — (5 × 10 = 50 marks)

Answer any FIVE questions

9. Give an account on fashion merchandising terminology.
10. Briefly explain the role of merchandiser in a fashion industry.
11. Write in detail about types of merchandising.
12. Describe the pre-buying activity with suitable examples.
13. Write in detail about Quality requirement and Quality problems.
14. Discuss the merchandiser's role after production.
15. Give an account on Boutique handling.
16. Explain the methods used in advertising and media planning for fashion business.

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MAFD-09

**M.Sc. DEGREE EXAMINATION –
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Apparel and Fashion Designing

TECHNICAL TEXTILES

Time : 3 hours

Maximum marks : 75

SECTION A — (5 × 5 = 25 marks)

Answer any FIVE questions.

1. Write in short about scope of technical textiles in textile industries.
2. What is a conventional fibre? Explain with examples.
3. Explain about technical yarns.
4. Discuss the methods of bonding.
5. Explain hydro entanglement process.
6. Discuss how reinforced composite material is prepared.

7. Brief about heat setting process.
8. Give a short note on application of medical textiles.

SECTION B — (5 × 10 = 50 marks)

Answer any FIVE questions.

9. Elaborately explain the future prospects of technical textile industry.
10. Give an account on new fibres and their applications in technical textiles.
11. Discuss the development process of woven and knitted fabric structure for technical textile fabric formation.
12. Give an account on technical fibres with examples.
13. Explain the methods of web laying for non-woven structure.
14. Elaborately explain the finishing of technical textiles.
15. Discuss about coating of technical textiles.
16. Give a brief account on application of technical textiles.

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M.Sc. DEGREE EXAMINATION —
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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. Brief the importance of textile testing and its objectives.
2. Write a note on fiber fineness and its measuring techniques.
3. Write down the direct and indirect system of yarn numbering.
4. Write down the factors affecting the tensile properties of fabrics.
5. Write a note on the working principle of Elmendorf tearing strength tester.
6. How will you determine fabric stiffness by Shirley stiffness tester?

7. What are the factors affecting abrasion resistance in fabrics?
8. How will you test the colour fastness to rubbing using Crockmeter?

SECTION B — (5 × 10 = 50 marks)

Answer any FIVE questions.

9. Explain the importance of standards in textile testing.
10. Discuss about the measurement of fiber length using baer sorter.
11. Elaborate the working principle of straightened twist tester with a neat sketch.
12. Discuss about the measurement of fabric tensile strength by strip test method.
13. Write about the working principle of Hydraulic bursting strength tester.
14. Explain the working principle of Shirley crease recovery tester.
15. How will you determine fabric color fastness to washing?
16. Elaborate the testing parameters in sewing threads.

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MAFD-11

**M.Sc. DEGREE EXAMINATION –
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Apparel and Fashion Design

TEXTILE CHEMISTRY AND WET PROCESSING

Time : 3 hours

Maximum marks : 75

SECTION A — (5 × 5 = 25 marks)

Answer any FIVE questions.

1. Define polymers and its types.
2. Briefly explain polymerization.
3. What are the properties and uses of regenerated cellulosic fibers?
4. Write about silk degumming process.
5. What are the eco- friendly dyes used in textile processing?
6. Explain singeing process.

7. Write a note on pigments.
8. Write a note on classification of finishes.

SECTION B — (5 × 10 = 50 marks)

Answer any FIVE questions.

9. Explain the methods of polymerization and its process.
10. Discuss about the structure and morphology of cotton fiber.
11. Explain in detail about shrink proofing process of wool.
12. Discuss about the classification of dyes.
13. Describe the auxiliaries used in textile printing.
14. Discuss about dyeing of polyester with disperse dyes.
15. Explain the different methods of mechanical finishing of textiles.
16. Explain in detail about antibacterial finishes and the methods of application.