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MAFD-07

**M.Sc. DEGREE EXAMINATION —
DECEMBER, 2018.**

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 corel draw.
2. Discuss about marker planning.
3. Explain computer application in sewing.
4. Discuss about impact of colour graphics.
5. Explain creating jacquard designs.
6. Explain concept of CIM.
7. Discuss about draping on mannequins.
8. What are the advantages of computer controlled over head transport?

PART B — (5 × 10 = 50 marks)

Answer any FIVE questions.

9. Describe the computer aided garment manufacturer.
 10. Explain the draping on mannequins to check the fitting and texture mapping.
 11. Discuss about computer application in embroidery.
 12. Explain creating visual images.
 13. Discuss about creating jacquard designs.
 14. Explain development of designs for surface decorations.
 15. Describe the supply chain management.
 16. Discuss about computer controlled overhead transport.
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**M.Sc. DEGREE EXAMINATION —
DECEMBER, 2018.**

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. Discuss scope of merchandising.
2. Describe the export house.
3. Describe the fabric house.
4. Discuss business opportunities and avenues.
5. Discuss survey and organizing of exhibitions.
6. What are the scope of the fashion merchandising.
7. Explain buying house.
8. Discuss merchandisers role after production.

SECTION B — (5 × 10 = 50 marks)

Answer any FIVE questions.

9. Explain fashion merchandising.
 10. Describe the buying agency.
 11. Explain pre-buying activity and fabric types.
 12. Describe the knowledge of fashion trends.
 13. Describe the fashion shows and other events.
 14. Write detail on scope of merchandising.
 15. Discuss selection of buying and buying agency.
 16. Describe transport delay – natural calamities.
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**M.Sc. DEGREE EXAMINATION –
DECEMBER, 2018.**

First Year

Apparel and Fashion Designing

TECHNICAL TEXTILES

Time : 3 hours

Maximum marks : 75

SECTION A — (5 × 5 = 25 marks)

Answer any FIVE questions.

1. Define: Globalisation
2. Write a note on technical fibres.
3. Explain about technical fabric structures.
4. What are the different method of bonding?
5. What do you mean by batt production?
6. Explain about textile reinforced.
7. Write a note on automotive textile.
8. List out the applications of technical textile.

SECTION B — (5 × 10 = 50 marks)

Answer any FIVE questions.

9. Describe about technical textile and its applications.
 10. Explain brief note on technical yarns.
 11. Write a note on web laying.
 12. Explain about melt blow process.
 13. Describe about composite material.
 14. What do you mean by method of coating.
 15. Explain brief note Geo textile.
 16. Write a note on defence textile.
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**M.Sc. DEGREE EXAMINATION –
DECEMBER, 2018.**

Second Year

TEXTILE TESTING AND QUALITY CONTROL

Time : 3 hours

Maximum marks : 75

SECTION A — (5 × 5 = 25 marks)

Answer any FIVE questions.

1. Define : English yarn count.
2. State the uses of testing information.
3. List down the various methods of measuring fibre length.
4. Differentiate : single and bundle fibre strength methods.
5. Differentiate : Breaking and tensile strength.
6. Define : Serviceability and wear durability.
7. What do you mean by FAST system of test?
8. How will you perform vertical flame test?

SECTION B — (5 × 10 = 50 marks)

Answer any FIVE questions.

9. Explain the measurement of humidity and moisture in textile.
 10. Describe the various ISO series related to testing.
 11. Discuss the measurement of yarn twist with neat diagram.
 12. How will you measure the bursting strength of fabric? Explain in detail.
 13. Explain the yarn slippage in woven fabrics at seams test.
 14. Summarize the properties affecting abrasion resistance.
 15. Discuss the structures measurement of fabric drape.
 16. Summarize the safety aspects of textiles.
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**M.Sc. DEGREE EXAMINATION —
DECEMBER 2018.**

Second Year

TEXTILE CHEMISTRY AND WET PROCESSING

Time : 3 hours

Maximum marks : 75

SECTION A — (5 × 5 = 25 marks)

Answer any FIVE questions.

1. Define : Polymer.
2. Write a note on "Degree of Polymerization".
3. List down various components of a protein fibre.
4. State Beer's and Lambert's law.
5. Differentiate : Dyeing and Printing.
6. State the objects of bleaching process.
7. Write down the various components of a printing paste.
8. Classify various finishes.

SECTION B — (5 × 10 = 50 marks)

Answer any FIVE questions.

9. Summarize the methods of polymerization.
 10. Explain in detail about the degumming of silk.
 11. With neat sketch discuss in detail about morphology of protein fibre.
 12. Discuss about various types of fabric softeners.
 13. How will you dye the fabric with vat dye? Explain in detail.
 14. Explain with neat sketch about pad-chain mercerization process.
 15. Summarize the various calendaring finishes.
 16. Describe the application of flame retardant finish.
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