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MAFD-1

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

First Year

Apparel and Fashion Design

RESEARCH METHODS AND STATISTICS

Time : 3 hours

Maximum marks : 75

SECTION A — (5 × 5 = 25 marks)

Answer any FIVE questions.

1. Define research and explain any five types.
2. Describe data collection and its types.
3. What is hypothesis? Explain its types.
4. Give a short note on “level of significance”.
5. Differentiate qualitative and quantitative research.
6. What is data and data collection?

7. What is probability? Explain the use of probability tables.
8. Define proportion, percentage and ratio.

SECTION B — ($5 \times 10 = 50$ marks)

Answer any FIVE questions.

9. Explain research report in detail.
10. Describe about tabulation and graphical representation.
11. Explain about chi-square test and t-test.
12. Explain in detail about ANOVA.
13. Explain the preparation of the tool and administration of tools for data collection.
14. State a detailed report on “procedure for data collection.
15. What is sampling? Explain its types.
16. What is central tendency? Explain the uses in statistical analysis.

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Apparel and Fashion Design

SKETCHING AND FASHION ILLUSTRATION

Time : 3 hours

Maximum marks : 75

SECTION A — (5 × 5 = 25 marks)

Answer any FIVE questions.

1. What is Fashion Illustration? Explain its scope.
2. Differentiate normal and fashion figures with illustration.
3. Explain textural effect and use in fashion designing.
4. Define achromatic, pastel and dusty pastel colors.
5. Explain in detail about the repetition.
6. Explain the texture and its effects.
7. Designing women's wear using surface ornamentation.
8. Describe about the, inspirational fashion with culture, environment and season.

SECTION B — (5 × 10 = 50 marks)

Answer any FIVE questions.

9. (a) Define the terminologies used in sketching-
any five.

(b) Explain the need for fashion illustration.
 10. Give a report on, (a) Fleshing of block figures
(b) Draping of garments.
 11. Explain in detail about complementary colours.
 12. Explain in detail about monochromatic colours.
 13. Give a brief report on gradation dominance, unity
and proportion.
 14. Explain the application of balance and rhythm
and its effects.
 15. Explain the textural effect of silk, velvet, satin,
brocade and net.
 16. Write in detail about survey board, mood board
and theme board.
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M.Sc. DEGREE EXAMINATION –
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Apparel and Fashion Design

WOVEN FABRIC STRUCTURE AND FABRIC
ANALYSIS

Time : 3 hours

Maximum marks : 75

PART A — (5 × 5 = 25 marks)

Answer any FIVE questions.

1. Explain continuous filament and spun yarns.
2. How to calculate the fabric weight? Explain.
3. What is draft and lifting plan? Explain.
4. What is sizing machine? Explain.
5. Write about crimp and cover factor.
6. Explain yarn and fabric strength relationships.
7. Explain crepe and honey comb weave.
8. Explain huckaback and mock-leno weave.

PART B — (5 × 10 = 50 marks)

Answer any FIVE questions.

9. Write a report on
 - (a) Fibre and yarn strength,
 - (b) Fibre density, shape and crimp.
10. Give a report on factors involved in cloth calculations.
11. Write about the different yarn packages with their characteristics.
12. Explain in detail about shuttleless looms.
13. Explain in detail about twill weave and its types.
14. Explain in detail about satin and sateen weave and its characteristics.
15. Write about wrap pile, weft pile and terry fabrics.
16. Write about lappet, swivel figured and Bedford cord fabrics.

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Apparel and Fashion Designing

KNITTING TECHNOLOGY

Time : 3 hours

Maximum marks : 75

SECTION A — (5 × 5 = 25 marks)

Answer any FIVE questions.

1. Explain the knitting cycle.
2. Write in brief about yarn parameters for hosiery yarns.
3. Explain the Cam system.
4. Write fabric appearance of weft knitted fabric with neat sketch.
5. Draw the structure of Raschel knit and explain.
6. Explain the quality control process in warp knitting production.

7. Explain the basic knitting elements of circular rib machine.
8. Briefly explain the special types of knitting machines.

SECTION B — (5 × 10 = 50 marks)

Answer any FIVE out of Eight questions.

9. Compare weaving and knitting.
10. Describe the types of knitting needles.
11. Explain the effect of stitches on knitted fabric properties.
12. Give an account on double knit structures.
13. Explain the following terms :
 - (a) Stitch length
 - (b) CPI
 - (c) Stitch density.
14. Write in detail about warp let-off and take-up mechanisms.
15. Discuss the needle selection mechanism of Jacquard knitting machine.
16. Explain the knitting cycle of inter lock knitting machine.

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M.Sc. DEGREE EXAMINATION –
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Apparel and Fashion Designing

ADVANCED GARMENT CONSTRUCTION

Time : 3 hours

Maximum marks : 75

SECTION A — (5 × 5 = 25 marks)

Answer any FIVE out of Eight questions.

1. Explain the standard measurement chart for children.
2. Write a brief note on grain line.
3. How do you evaluate the fashion figure?
4. Explain about pattern development and alteration.
5. Explain the design and development of circular skirt.
6. How do you draft an adult bodice block and sleeve?

7. Design and develop a Kameez with needed specifications.
8. Explain the method of designing a garment for old age.

SECTION B — (5 × 10 = 50 marks)

Answer any FIVE out of Eight questions.

9. Elaborately explain the styles of taking body measurements.
10. List out and explain the necessary drafting tools.
11. Write in detail about types of collars.
12. Explain the drafting procedure of child's frock.
13. Enumerate the drafting and construction of women's saree blouse.
14. Explain the classification of sleeves.
15. Write the drafting procedure of trousers.
16. Briefly explain the selection of clothing for maternity period.

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Apparel and Fashion Design

HISTORIC COSTUMES

Time : 3 hours

Maximum marks : 75

SECTION A — (5 × 5 = 25 marks)

Answer any FIVE questions.

1. Explain the traditional costumes of Egypt.
2. Write about the costumes of Italy.
3. What if the traditional costume of Japan? Explain.
4. Explain the traditional costume of America.
5. Define style, silhouette and texture.
6. What is the role of Fashion Designer in fashion industry?

7. Define fashion forecasting and explain the same.
8. What is spec sheet? Explain.

SECTION B — (5 × 10 = 50 marks)

Answer any FIVE questions.

9. Explain the costumes of Rome and Greek
 10. Explain the costumes of German and French.
 11. Describe the traditional costumes of South India.
 12. Describe the traditional costumes of north India.
 13. How the elements are used in creating a design.
 14. Explain the Harmony in the form of space coverage to design of the dress.
 15. Explain the study of fashion markets and its segments.
 16. Write about any five national and international designers.
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