

**PG-CS-1136      MSADS-31**

**P.G. DEGREE EXAMINATION —  
FEBRUARY, 2023.**

**Apparel and Fashion Design**

**Third Semester**

**COMPUTER APPLICATION IN APPAREL  
INDUSTRY**

Time : Three hours

Maximum marks : 70

**PART A — (5 × 5 = 25 marks)**

Answer any FIVE questions out of Eight questions in  
300 words.

All questions carry equal marks.

1. Write about Corel draw.
2. What is Enterprise Resource Planning?
3. Describe Computer aided color matching.
4. Explain briefly about Computer application in Sewing.
5. Specify the CAD in fabric design.

6. Explain briefly on computer specifications.
7. How warehouse storage systems carried out by computer?
8. Describe the method of market making by CAD.

PART B — (3 × 15 = 45 marks)

Answer any **THREE** questions out of Five questions in 1000 words.

All questions carry equal marks.

9. Discuss the role of computer in an apparel industry.
  10. How do you develop design for surface decoration using CAD.
  11. Explain the computerized pattern making with lectra.
  12. Write about computer-controlled embroidery design in apparel industry.
  13. Discuss how jacquard designs created by CAD.
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**TEXTILE PROCESSING AND FINISHING**

**Time : THREE hours**

**Maximum marks : 70**

**PART A — (5 × 5 = 25 marks)**

**Answer any FIVE questions out of Eight questions  
in 300 words.**

**All questions carry equal marks.**

1. What are the methods of singeing?
2. Write a short note on wool carbonizing.
3. Explain how to evaluate the bleached fabric.
4. Write about classification of colorants.
5. Describe the block printing.

6. Explain briefly on types of printing.
7. Describe the post treatment of dyed and printed fabrics.
8. Write about application of finishes.

PART B — (3 × 15 = 45 marks)

Answer any THREE questions out of Five questions  
in 1000 words.

All questions carry equal marks.

9. Explain in detail about wet processing equipment.
10. Enumerate the mercerization process.
11. Explain the dyeing machines with diagram.
12. Write an elaborate note on resist printing.
13. Discuss the specialty finishes.

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**GARMENT MANUFACTURING  
TECHNOLOGY**

Time: Three hours

Maximum marks : 70

**PART A — (5 × 5 = 25 marks)**

Answer any FIVE questions out of Eight questions  
in 300 words.

All questions carry equal marks.

1. What is the process involved in designing a design sheet?
2. Write a short note on work flow in a garment manufacturing.
3. Describe interlinings.
4. Write about quality problems associated with fusible interlinings.

5. Describe the spreading methods.
6. Explain the importance of marker planning.
7. What are the reasons for quality problems in cutting process?
8. Write about importance of testing quality.

PART B — (3 × 15 = 45 marks)

Answer any THREE questions out of five questions  
in 1000 words.

All questions carry equal marks.

9. Explain the organization structure of a garment unit.
10. Write elaborate notes on trims.
11. Explain the fabric inspection systems.
12. Enumerate the techniques of production in sewing room.
13. Discuss the stages of QC in apparel manufacturing company.

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**Apparel and Fashion Design**

**Third Semester**

**Elective 3 — TECHNICAL TEXTILES**

**Time : 3 hours**

**Maximum marks : 70**

**PART A — (5 × 5 = 25 marks)**

**Answer any FIVE questions out of Eight questions  
in 300 words.**

**All questions carry equal marks.**

1. Write about milestones of technical textiles.
2. Explain the technical yarns.
3. Explain the laying types in nonwovens.
4. What is composite material?
5. Describe the implantable material in med tech.

6. Explain briefly on agro tech.
7. Describe high altitude clothing.
8. Distinguish short term and long term survival clothing.

PART B — (3 × 15 = 45 marks)

Answer any **THREE** questions out of Five questions  
in 1000 words.

All questions carry equal marks.

9. Explain the high-performance fibers in technical textiles.
  10. Enumerate technical fabric structure.
  11. List out the types of technical textiles.
  12. Write an elaborate note on coating in technical textiles.
  13. Discuss the protective clothing.
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