UG–AS–1362 BSADS–11

U.G. DEGREE EXAMINATION – JULY, 2024.

Apparel Fashion Design

First Semester

PATTERN DEVELOPMENT AND GARMENT CONSTRUCTION

Time : 3 hours Maximum marks : 70

PART A — (3 × 3 = 9 marks)

Answer any THREE questions out of Five questions in 100 words.

All questions carry equal marks.

1. List the three main methods of garment construction techniques that are used to develop clothing.

2. Distinguish between even and uneven basting.

3. State the characteristics of an Inconspicuous Placket.

4. Define drafting.

5. How pattern grading system is working in garment construction industry?

PART B — ($3 \times 7 = 21$ marks)

Answer any THREE questions out of Five questions in 200 words.

All questions carry equal marks.

6. Describe the main parts and functions of basic sewing machine. Explain with suitable illustrations.

7. Describe the characteristics, uses and benefits of fullness. Explain how fullness is helping to achieve proper fit and comfort and is done to create variation.

8. Classification of pockets. Explain the step-by-step construction procedure for any two pockets.

9. Give the drafting procedure for the front bodice pattern with the required list of measurements with suitable illustrations.

10. How to plan for the placement of pattern pieces on the fabric. Enumerate the several types of layout markings with suitable example.

PART C — (4 × 10 = 40 marks)

Answer any FOUR questions out of Seven questions in 500 words.

All questions carry equal marks.

11. Explain the fundamental steps for operating a sewing machine effectively and safely. How to adjust the tension settings on a sewing machine for different fabrics? Explain with any three different fabrics with suitable examples.

12. Classify basic hand stitches. Illustrate with a suitable example.

13. Design any three collars that are suitable for kid's garments. Explain any one collar construction procedure with suitable illustrations.

14. Explain different types of sleeves. Write any one modified sleeve with a suitable example.

15. How to solve the fining problems in a blouse? Explain the factors which determine a good fit.

16. What are the key steps and factors in developing an accurate and useful clothing pattern, and discuss the process of pattern development in the garment construction industry?

17. Describe the importance of developing raglan sleeve patterns and discuss how this pattern is used in both aesthetically and well-fitting garment

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UG–AS–1363 BSADS–12

U.G. DEGREE EXAMINATION – JULY, 2024.

Apparel Fashion Design

First Semester

TEXTILE SCIENCE

Time : 3 hours Maximum marks : 70

PART A — (3 × 3 = 9 marks)

Answer any THREE questions out of Five questions in 100 words.

All questions carry equal marks.

1. Define plant based natural fibers and write an example.

2. Illustrate the cross-sectional view of wool fiber and write its parts.

3. Define man-made fibres.

4. What is ring spinning?

5. Write a short note on :

   (a) Microscopic test

   (b) Burning test

PART B — ($3 \times 7 = 21$ marks)

Answer any THREE questions out of Five questions in 200 words.

All questions carry equal marks.

6. Distinguish between natural and man-made fibers. How do these distinctions impact their applications in the textile industry?

7. Elaborate on wet spinning and write its advantages and what type of fibers are commonly produced through this method in the textile industry.

8. Explain the polyester fiber manufacturing process.

9. Elaborate on the hand spinning technique in textile manufacturing and explain how this method contributes to yarn production.

10. Explain two specific test methods employed for identifying fibers and their respective principles, advantages, and limitations in determining fiber types?

PART C — (4 × 10 = 40 marks)

Answer any FOUR questions out of Seven questions in 500 words.

All questions carry equal marks.

11. What are the distinguishing properties and applications of one specific natural fiber and how does its unique composition contribute to its suitability for various textile products and industries?

12. Elaborate and explain the protein fiber manufacturing process.

13. What is micro denier polyester fibers? Write its production process.

14. Describe the sequential process of the spinning process and explain its application in the textile industry.

15. What are the various methods employed in the identification of textile fibers and what are the distinguishing characteristics or tests used to differentiate between natural, synthetic and blended fibers in the textile industry?

16. How the manufacturing process of regenerated fibers carried out, and what is distinguishes this process from the production methods of natural and synthetic fibers?

17. How Lyocell yarn manufacturing and what is distinguishes this particular production process from other methods used in synthetic or natural fiber manufacturing? Explain the key steps, characteristics, and advantages of Lyocell yarn in the textile industry.

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UG–AS-1365 BSADS–22

U.G. DEGREE EXAMINATION —
JULY 2024.

Apparel and Fashion Design

Second Semester

SEWING TECHNOLOGY

Time : 3 hours Maximum marks : 70

PART A — ($3 \times 3 = 9$ marks)

Answer any THREE questions out of Five questions in 100 words.

All questions carry equal marks.

1. Write few points about Overlook Machine.

2. Short notes about Needle Feed.

3. Write about types of Spreading.

4. Give short notes about Cutting Equipments and Tools.

5. Explain few points about Embroidery Threads.

PART B — $(3 \times 7 = 21$ marks)

Answer any THREE questions out of Five questions in 200 words.

All questions carry equal marks.

6. Write about Machine Special Attachments.

7. Describe about Pressure foot and it's types.

8. Explain about Marketing methods.

9. Write about Rotary Cutting Machine with neat diagram.

10. Give notes about Sewing Threads.

PART C — $(4 \times 10 = 40$ marks)

Answer any FOUR questions out of Seven questions in 500 words.

All questions carry equal marks.

11. Explain Parts and Functions of Single Needle Machine with neat diagram.

12. Elaborate Feeding Mechanism.

13. Write about types of Spread and it's quality.

14. Elaborate details about Pressing Equipment.

15. Explain about Federal Standard for Seam and Seam Classification.

16. Discuss about Efficiency of Marker Planning.

17. Describe about Button Hole Machine.

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U.G. DEGREE EXAMINATION – JULY, 2024.

Apparel and Fashion Design

Third Semester

FASHION STUDIES

Time : 3 hours Maximum marks : 70

PART A — (3 × 3 = 9 marks)

Answer any THREE questions out of FIVE questions in 100 words.

All questions carry equal marks.

1. Define Clothing Design.

2. Write few points about Consumer behavior.

3. What is mean by Adoption of Fashion?

4. Give short notes about sourcing of fabrics.

5. Write few notes about Classicist Fashion Designers.

PART B — ($3 \times 7 = 21$ marks)

Answer any THREE questions out of Five questions in 200 words.

All questions carry equal marks.

6. Explain about Factors Influencing Fashion Changes.

7. Discuss about Buying selling Cycle.

8. Write notes about Adoption of Fashion Theories.

9. Write about types of Design Development in Garments.

10. Discuss about the Designers of Indian Haute Couture.

PART C — ($4 \times 10 = 40$ marks)

Answer any FOUR questions out of Seven questions in 500 words.

All questions carry equal marks.

11. Distinguish notes about Historic and Traditional Costumes of India.

12. Discuss about Fashion cycle and Length of cycles.

13. Write detailed notes about Role of Forecasting Agencies.

14. Elaborate about Development of a Sample Garment.

15. List the Famous Designers in New York Country.

16. Analyze the Life Cycle of Fashion.

17. Explain deeply about Recent Trends in Fashion.

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U.G. DEGREE EXAMINATION – JULY, 2024.

Apparel and Fashion Design

Third Semester

INDIAN COSTUMES AND TEXTILES

Time : 3 hours Maximum marks : 70

PART A — ($3 \times 3 = 9$ marks)

Answer any THREE questions out of Five questions in 100 words.

All questions carry equal marks.

1. Define Ancient Indian Costumes in few lines.

2. Write about Women's Costumes of Tamilnadu.

3. Give few points about Ikkat process.

4. Define Himrus and Amrus.

5. Short notes on Origin of Embroidery.

PART B — (3 × 7 = 21 marks)

Answer any THREE questions out of Five questions in 200 words.

All questions carry equal marks.

6. Give notes on Attire of Mauryan Period.

7. Describe the Costumes of Andhra Pradesh and Karnataka.

8. Write about techniques of Ajrak and Bagru Printed Textiles of India.

9. Explain about process of Kashmir shawls and its design types.

10. Discuss about Embroidery of Kashmir.

PART C — (4 × 10 = 40 marks)

Answer any FOUR questions out of Seven questions in 500 words.

All questions carry equal marks.

11. Elaborate the Costumes of Satvahana and Mughal Period.

12. Discuss about Northern States Costume of Jammu and Kashmir, Himachal Pradesh.

13. Detailed notes about Printed Textiles of India.

14. Give a detail notes on Woven Textiles of India.

15. Describe about Indian Embroideries of Rajasthan, Kasuti of Karnataka.

16. Write about Printing and its types.

17. What are the Motifs and Fabrics used in the Indian Traditional Embroidery?

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U.G. DEGREE EXAMINATION — JULY 2024.

Apparel and Fashion Design

Third Semester

FABRIC MANUFACTURING TECHNIQUE

Time : 3 hours Maximum marks : 70

PART A — (3 × 3 = 9 marks)

Answer any THREE questions out of Five questions in 100 words.

All questions carry equal marks.

1. Define warp and weft.

2. Write the properties of a plain weave.

3. What are the applications of honeycomb?

4. What are the characteristics of knitted fabrics?

5. What is fusing?

PART B — ($3 \times 7 = 21$ marks)

Answer any THREE questions out of Five questions in 200 words.

All questions carry equal marks.

6. Explain on secondary motion in weaving.

7. Develop an expanded twill weave design.

8. What are the types of pile wave? Explain.

9. Explain the working of flat bed knitting machine.

10. Discuss the origin and advantages of non-woven fabrics.

PART C — ($4 \times 10 = 40$ marks)

Answer any FOUR questions out of Seven questions in 500 words.

All questions carry equal marks.

11. Elaborate on the parts of a loom.

12. Develop a regular and irregular sateen weave with steps in detail.

13. Write a detailed note on pile weave manufacturing in detail.

14. Write on the basic knitting elements – types and functions.

15. Elaborate on the tatting process in detail.

16. List down the types of draft plain and explain in detail.

17. Compare extra warp and extra weft design.

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U.G. DEGREE EXAMINATION –
JULY, 2024.

Fourth Semester

CLOTHING CARE AND MAINTENANCE

Time : 3 hours Maximum marks : 70

PART A — (3 × 3 = 9 marks)

Answer any THREE questions out of Five questions in 100 words

All questions carry equal marks

1. What is the need of fabric care?

2. What are the objectives of stiffening agent?

3. Draw an iron board.

4. Define kneading.

5. Define stain.

PART B — ($3 \times 7 = 21$ marks)

Answer any THREE questions out of Five questions in 200 words

All questions carry equal marks

6. Differentiate hard water and soft water.

7. What are the different aspects of care and maintenance of fabrics?

8. Explain different types of iron with diagram.

9. What are the principles of washing?

10. Write the steps in removing unknown stains from fabrics.

PART C — ($4 \times 10 = 40$ marks)

Answer any FOUR questions out of Seven questions in 500 words

All questions carry equal marks

11. Explain on the cold press process of soap manufacturing with detailed scheme.

12. List the ingredients in a starch with its purpose.

13. Explain wash boiler and its working principle.

14. How does finishing after washing improve the brightness and textural characteristics of fabrics?

15. How to wash water proof fabrics?

16. What is dirt? Explain the process and working of water, soaps and detergents combine to remove dirt from fabrics.

17. Describe the steps for removing the following stains from a cotton fabric.

    (a) Ghee

    (b) Nail polish

    (c) Red ink

    (d) Grass

    (e) Paan (Betal leaf)

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U.G. DEGREE EXAMINATION — JULY 2024.

Apparel and Fashion Design

Fourth Semester

FABRIC STUDIES AND HOME TEXTILES

Time : 3 hours Maximum marks : 70

PART A — ($3 \times 3 = 9$ marks)

Answer any THREE questions out of Five questions in 100 words.

All questions carry equal marks.

1. Define fabric.

2. List down suitable fibers for home textiles.

3. Explain the use of floor covering.

4. What is swag?

5. Give the application of bolster.

PART B — ($3 \times 7 = 21$ marks)

Answer any THREE questions out of Five questions in 200 words.

All questions carry equal marks.

6. Elaborate the knitted fabric construction steps in detail.

7. Classify home textiles and discuss its importance.

8. Explain about wall coverings, its uses and maintenance procedure.

9. Explain the types of curtains with neat sketch.

10. Discuss the types of sofa.

PART C — ($4 \times 10 = 40$ marks)

Answer any FOUR questions out of Seven questions in 500 words.

All questions carry equal marks.

11. List the types of laced fabrics and explain its uses.

12. "Home textiles are one of the prominent sectors of technical textiles". Discuss the statement.

13. Elaborate the types of floor covering and explain.

14. How to choose the fabric suitable for draperies and the properties to be maintained?

15. What are the special properties of apron? Discuss its design in detail.

16. What are the types of textile fabrics? Explain.

17. Explain on the types of bed spreads.

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UG-AS-1371 **BSADS-51**

U.G. DEGREE EXAMINATION – JULY, 2024.

Apparel and Fashion Design

Fifth Semester

Core – APPAREL STANDARDS AND QUALITY MANAGEMENT

Time : 3 hours Maximum marks : 70

PART A — (3 × 3 = 9 marks)

Answer any THREE questions out of Five questions in 100 words

All questions carry equal marks

1. Write note on Quality Control for raw material.

2. What is production analysis?

3. What are the functions of costs control?

4. Write about quality triology.

5. Write short note on Implementation of ISO 14000.

PART B — ($3 \times 7 = 21$ marks)

Answer any THREE questions out of Five questions in 200 words

All questions carry equal marks

6. Explain establishing raw material quality control specification.

7. Elaborate on quality and quantitative specification in production control.

8. Give short notes on cost ratio polices.

9. Explain 5' S Philosophy.

10. Explain SA8000.

PART C — ($4 \times 10 = 40$ marks)

Answer any FOUR questions out of Seven questions in 500 words

All questions carry equal marks

11. Explain in detail about industry wide quality standards.

12. Detail on the principles for choosing a production system.

13. Essay on standard cost sheet.

14. Discuss about PDCA cycle and PDSA cycle.

15. Give detail note on OHSAS 18000 and WRAP.

16. Explain sampling plans and its types.

17. Explain Interpret - Quality circles principle and function.

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UG-AS-1372 **BSADS-52**

U.G. DEGREE EXAMINATION –
JULY, 2024.

Apparel and Fashion Design

Fifth Semester

FASHION MERCHANDISING

Time : 3 hours Maximum marks : 70

PART A — (3 × 3 = 9 marks)

Answer any THREE questions out of Five questions in 100 words

All questions carry equal marks

1. Write a short note on order confirmation.

2. Define master planning.

3. Write a note on invoice.

4. Define props.

5. Write the object of store management.

PART B — ($3 \times 7 = 21$ marks)

Answer any THREE questions out of Five questions in 200 words

All questions carry equal marks

6. Give a detail account on evaluation and development in global sourcing.

7. Write a detail account on Process flow in apparel industry.

8. What is the documentation procedure of Order sheet and its contents.

9. Explain the tools and techniques for visual merchandising.

10. Explain the importance of Set design, Preparing the Commentary and Choreography in fashion show.

PART C — ($4 \times 10 = 40$ marks)

Answer any FOUR questions out of Seven questions in 500 words

All questions carry equal marks

11. Explain in detail about Functions and Essential qualities of a good merchandiser.

12. Write about the Buyer sourcing and communication in apparel industry.

13. Elaborate detail account on Buyers code of conducts.

14. Write a details and uses of Shelves, Gondolas, Round racks, four ways and Saccades in visual merchandising.

15. Explain the Exterior, Interior concept and applications in visual merchandising.

16. Explain the Vendor sourcing evaluation and development nomination by buyers for latest apparel industry.

17. Explain the process and function of Scheduling route card planning and programming in apparel industry.

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UG-AS-1373 **BSADS-53**

U.G. DEGREE EXAMINATION – JULY 2024

Apparel and Fashion Design

Fifth Semester

TEXTILE PROCESSING AND PRINTING

Time : Three hours Maximum marks : 70

SECTION A — (3 × 3 = 9 marks)

Answer any THREE questions out of Five questions in 100 words.

All questions carry equal marks.

1. Describe short notes about Scouring Process.

2. Short notes about Mercerization Process.

3. Write few points about Synthetic Dyes.

4. Define Resist Printing.

5. Short notes about Roller Printing.

SECTION B — (3 × 7 = 21 marks)

Answer any THREE questions out of Five questions in 200 words.

All questions carry equal marks.

6. Explain details about Synthetic fiber heat setting and wool carbonizing.

7. Write about Bleaching and it's types.

8. Discuss about Fastness properties of dyes.

9. Analyze about process of Tie and Dye.

10. Explain notes about shrink controlling.

SECTION C — (4 × 10 = 40 marks)

Answer any FOUR questions out of Seven questions in 500 words.

All questions carry equal marks.

11. Explain briefly about wet processing equipments.

12. Write about chemicals used for Bleaching process of cotton and viscose.

13. Elaborate about yarn and fabric dyeing machines.

14. Detailed notes about Inkjet printing and photo printing.

15. Discuss about wet processing of knitted fabrics.

16. Explain about methods of printing.

17. Elaborate notes about process of Mercerization and it's methods.

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UG–AS-1374 BSADS–61

U.G. DEGREE EXAMINATION — JULY 2024.

Apparel and Fashion Design

Sixth Semester

COMPUTER IN GARMENT INDUSTRY

Time : 3 hours Maximum marks : 70

PART A — ($3 \times 3 = 9$ marks)

Answer any THREE questions out of Five questions in 100 words

All questions carry equal marks.

1. Write a short note on keyboard.

2. Define CAM.

3. Write about Effects in CAD designing.

4. Merits of CAD pattern making.

5. Define ERP.

PART B — $(3 \times 7 = 21$ marks)

Answer any THREE questions out of Five questions in 200 words.

All questions carry equal marks.

6. Give an detail account on output devices and its uses.

7. Explain the principle and functions of CIM, CAA, and PDC with neat sketch.

8. Write about the creation and loading of embroidery designs in the machine using of CAD.

9. Illustrate and explain pattern making principle and techniques to develop men's garment using of CAD software.

10. Explain the computer application of fabric defect checking in garment industry.

PART C — $(4 \times 10 = 40$ marks)

Answer any FOUR questions out of Seven questions in 500 words.

All questions carry equal marks.

11. Explain the types and applications of System Software.

12. Elaborate the working principle and applications of computerized color matching system.

13. Explain in detail about creation and editing of designs using CAD in printing.

14. Write in detail the process and programming of pattern grading to develop a kids garment.

15. Give an account on Cutting marker planning functions and its parts in detail.

16. Explain the Types of primary and secondary storage devices.

17. Explain in detail about the CAD designing and its development in weaving.

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UG-AS-1375 **BSADS-62**

U.G. DEGREE EXAMINATION –
JULY, 2024.

Apparel and Fashion Design

Sixth Semester

FASHION MARKETING AND RETAILING

Time : 3 hours Maximum marks : 70

PART A — (3 × 3 = 9 marks)

Answer any THREE questions out of Five questions in 100 words

All questions carry equal marks

1. Write a short note on macro environment.

2. Define marketing mix.

3. Write the importance of retail in few words.

4. What is Kinds of markets?

5. Why location important in retail?

PART B — ($3 \times 7 = 21$ marks)

Answer any THREE questions out of Five questions in 200 words

All questions carry equal marks

6. Explain the classification of marketing in detail.

7. Explain fashion advertising and its preparation for apparel market.

8. Explain the Retailing Channels and function of Retail Industry in India.

9. Elaborate the different Strategies for effective market segmentation and its function.

10. Explain and list the Factors determining the location decision.

PART C — ($4 \times 10 = 40$ marks)

Answer any FOUR questions out of Seven questions in 500 words

All questions carry equal marks

11. Explain the standardization, product planning and development in apparel industry.

12. Explain the functions of Communication in prop motion, Personal selling in detail.

13. Elaborate in detail about the behavior and Factors influencing the Retail consumer.

14. Explain the retail value chain functions and benefits in detail.

15. Explain the Steps involved in choosing a retail locations in detail.

16. Explain in detail about new product strategies and methods of setting prices.

17. Explain the Advertising agencies working process and its budget.

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UG–AS-1376 BSADS–63

U.G. DEGREE EXAMINATION —
JULY 2024.

Apparel and Fashion Design

Sixth Semester

APPAREL PRODUCTION MANAGEMENT

Time : 3 hours Maximum marks : 70

PART A — ($3 \times 3 = 9$ marks)

Answer any THREE questions out of Five questions in 100 words

All questions carry equal marks.

1. Write a short note on Plant Layout.

2. Write the object of method study.

3. Define UPS.

4. Write any three responsibility of line supervisor.

5. Write about CRP plan.

PART B — ($3 \times 7 = 21$ marks)

Answer any THREE questions out of Five questions in 200 words.

All questions carry equal marks.

6. Distinguish between process and product layout with examples.

7. Explain the Techniques and Process Flow Chart symbol of method study.

8. Explain the Progressive Bundle System and 'Synchro' System with suitable examples.

9. Explain the Production factors and its Function.

10. Explain the Coordinating Departmental Activities in production planning.

PART C — ($4 \times 10 = 40$ marks)

Answer any FOUR questions out of Seven questions in 500 words.

All questions carry equal marks.

11. Explain the Balancing Theory and its Control in garment industry.

12. Explain the Time Study Methods and Standard Time Data in detail.

13. Explain the Total Factor Productivity and detail the analysis survey in garment industry.

14. Elaborate in detail about the Scheduling Calculations and Assigning Operators Optimally.

15. Explain the Qualitative and Quantitative Analysis of Production.

16. Explain the Production Terminology and its Function with organization structure.

17. Explain Ergonomics and its Special Reference to Garment Industry.

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