

S-0725

Sub. Code

23BFC1C1

B.Sc. DEGREE EXAMINATION, NOVEMBER 2025

First Semester

Fashion Technology and Costume Designing

FIBER TO FABRIC

(CBCS – 2023 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. What are the primary characteristics of textile fibers?
2. What is the difference between woolen and worsted yarn?
3. What is polymerization?
4. List two properties of polyester fiber.
5. Differentiate between carded and combed yarn.
6. What is yarn numbering?
7. What are the primary motions of a loom?
8. Name any two types of shuttle-less looms.
9. Define non-woven fabrics.
10. List four characteristics of weft knitted structures.

Part B

(5 × 5 = 25)

Answer **all** questions choosing either (a) or (b).

11. (a) Explain the classification of textile fibers.

Or

- (b) Discuss the manufacturing process of silk.

12. (a) Explain the manufacturing process of viscose rayon.

Or

- (b) What are the advantages and disadvantages of nylon fiber?

13. (a) Explain the sequence of cotton yarn production.

Or

- (b) Describe the importance of twist in yarn manufacturing.

14. (a) Explain the classification of fabric-forming methods.

Or

- (b) Discuss the advantages of shuttle-less looms over shuttle looms.

15. (a) Explain the classification of knitting machines.

Or

- (b) What are the applications and uses of non-woven fabrics?

Part C

(3 × 10 = 30)

Answer any **three** questions.

16. Explain in detail the manufacturing process, properties and uses of cotton and wool fibers.
 17. Discuss the objectives and methods of texturization in synthetic fibers.
 18. Describe in detail the chemical and mechanical spinning processes.
 19. Explain the weaving preparatory processes and their objectives.
 20. Explain the principles of weft and warp knitting machines in detail.
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S-0726

Sub. Code

23BFC1C2

B.Sc. DEGREE EXAMINATION, NOVEMBER 2025

First Semester

Fashion Technology and Costume Designing

FASHION DESIGNING

(CBCS – 2023 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Define balance in design.
2. What are the requirements of a good structural design?
3. What are related colour harmonies?
4. How does colour affect the principles of design?
5. Define fashion victim.
6. Illustrate length of cycle for classic
7. How should dresses be designed for a round face?
8. What is the best design for a figure with round shoulders?
9. What is the difference between couture and pret-a-porter?
10. What is a mannequin in fashion terminology?

Part B

(5 × 5 = 25)

Answer **all** questions choosing either (a) or (b).

11. (a) Explain the structural and decorative designs in detail.

Or

- (b) What are the principles of design, and how do they apply to dress design?

12. (a) Explain the dimensions of colour.

Or

- (b) How do you apply colour theories in creating dress designs?

13. (a) Why is fashion forecasting important, and how is it done?

Or

- (b) Explain the trickle-up and trickle-across theories in fashion.

14. (a) Explain how to design dresses for thin figures.

Or

- (b) Discuss dress design solutions for a large abdomen.

15. (a) Define avant-garde fashion and its influence on the industry.

Or

- (b) Discuss the role of a fashion designer and fashion stylist.

Part C

(3 × 10 = 30)

Answer any **three** questions.

16. Discuss the various elements of design and how they are applied in dress making.
 17. Discuss the different colour harmonies and how they affect the overall aesthetics of a garment.
 18. Explain the different fashion cycles and the role of consumer groups in these cycles.
 19. Provide detailed design solutions for dresses suited to figures with large busts and flat chests.
 20. Discuss the meaning and importance of terms like haute couture, style, collection and knock-offs in the fashion world.
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S-0727

Sub. Code

23BFCA1

U.G. DEGREE EXAMINATION, NOVEMBER 2025

Fashion Technology and Costume Designing

Allied — CARE AND MAINTENANCE OF TEXTILES

(CBCS – 2023 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Differentiate between hard water and soft water.
2. What are soapless detergents?
3. What is the function of laundry blues?
4. List the other stiffening agents
5. Define front-loading and top-loading washing machines.
6. Name two parts of electric iron box and state its function
7. What are waterproof coats made of?
8. How do you care for leather garments?
9. What is the function of care labels?
10. Illustrate the symbols used to denote washing, drying and bleaching in care labels.

Part B

(5 × 5 = 25)

Answer **all** questions choosing either (a) or (b).

11. (a) What are the different methods of softening hard water?

Or

- (b) Explain the process of soap manufacturing.

12. (a) Describe the methods of removing food stains from fabrics.

Or

- (b) Discuss the importance of stain removal in fabric care.

13. (a) Discuss the different types of drying equipment.

Or

- (b) Compare steam iron and automatic iron.

14. (a) Describe the care methods for lace and fur garments.

Or

- (b) What are the special laundry techniques used for nylon and colored fabrics?

15. (a) Discuss the importance of proper storage of clothes.

Or

- (b) Compare any two international care labeling systems.

Part C

(3 × 10 = 30)

Answer any **three** questions.

16. Discuss in detail the composition, types of laundry soaps and advantages of detergents.
 17. Describe the types of stiffening agents, their application methods, and their effects on fabrics.
 18. Compare semi-automatic and fully automatic washing machines, their features, and their advantages.
 19. Discuss the laundering methods for delicate fabrics such as silk, wool, and rayon.
 20. Compare and contrast dry cleaning and laundry in terms of process, cost and effectiveness.
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S-0729

Sub. Code

23BFCA2

U.G. DEGREE EXAMINATION, NOVEMBER 2025.

Fashion Technology and Costume Designing

Allied — HOME TEXTILES

(CBCS – 2023 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Define Home textiles.
2. List the types of kitchen linen used.
3. What is a wall covering?
4. Give examples of hard and soft floor coverings.
5. Mention the parts of a door.
6. What is swag?
7. Write the purpose of a comforter.
8. Mention two differences of bedsheets and bed covers.
9. What is the use of an apron?
10. What is the purpose of a pot holder?

Part B

(5 × 5 = 25)

Answer **all** questions, choosing either (a) or (b).

11. (a) What are the common materials used in home textiles, and what are their properties?

Or

- (b) What are the current trends in home textile?

12. (a) Discuss on the care and maintenance of floor covering.

Or

- (b) Define wall covering and mention its uses.

13. (a) Distinguish between curtains and draperies.

Or

- (b) What are the key considerations to be seen when choosing home textiles for doors and windows in terms of privacy, light control, and insulation?

14. (a) Describe about comfort and comfort covers.

Or

- (b) Mention the specifications of mattress and mattress covers.

15. (a) Write about kitchen towel and apron.

Or

- (b) Enumerate on the different types of bath linen.

Part C

(3 × 10 = 30)

Answer any **three** questions.

16. What are home textiles, and how are they categorized?
 17. Describe in detail the types of floor coverings.
 18. Illustrate and explain the types of curtains and their functional purpose.
 19. Ram is buying a new home and needs help from a designer. What living room and bedroom linens should he purchase?
 20. What dining linens are required to set a formal table for an ethnic-themed party?
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Sub. Code

23BFCA3

U.G. DEGREE EXAMINATION, NOVEMBER 2025

Fashion Technology and Costume Designing

Allied — FABRIC STRUCTURE AND DESIGN

(CBCS – 2023 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Define the basic elements of a woven design?
2. Differentiate warp rib and weft rib with example.
3. Draw a structure of ordinary honey comb?
4. Explain the applications of honey comb weaves.
5. Write the stages in implementing extra figured threads?
6. Define backed fabrics.
7. Write the formation of pile fabrics.
8. Differentiate warp pile and weft pile.
9. Define double cloth?
10. What is meant by interchanging double cloth?

Part B

(5 × 5 = 25)

Answer **all** questions choosing either (a) or (b).

11. (a) Elaborate on draft and lifting plan with example.

Or

- (b) Write about constructing twill weaves.

12. (a) Illustrate with example the construction of crepe weaves.

Or

- (b) What are the types of honey comb? Explain.

13. (a) Write about the method of disposing the surplus extra threads.

Or

- (b) Explain warp backed fabric with suitable example.

14. (a) Write about the formation of plain back and twill back pile structure.

Or

- (b) Explain face to face warp pile.

15. (a) Classify double cloth with example.

Or

- (b) Write about pile formation in back to face principle.

Part C

(3 × 10 = 30)

Answer any **three** questions.

16. Explain the construction of satin and sateen weaves.
 17. Write about the construction of huck a back and its modifications.
 18. Elaborate in detail about two color extra figuring.
 19. Write any two examples for pile structure.
 20. Explain the formation of centre stitched double cloth with the help of wires.
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S-0733

Sub. Code

23BFC3C1

B.Sc. DEGREE EXAMINATION, NOVEMBER 2025

Third Semester

Fashion Technology and Costume Designing

ORGANISATION OF GARMENT UNIT

(CBCS – 2023 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Define an entrepreneur.
2. List the functions of management.
3. What are the key departments in a garment unit?
4. What is the function of the purchasing department?
5. List the types of factory buildings.
6. What is balancing in a production line?
7. What are the essential requirements of a good costing system?
8. What is cost estimation?
9. What is the SWOC analysis of a garment unit?
10. What is export financing?

Part B

(5 × 5 = 25)

Answer **all** questions choosing either (a) or (b).

11. (a) Compare and contrast an entrepreneur and a manager.

Or

- (b) What are the steps involved in the management process?

12. (a) Explain the role of the design department in a garment unit.

Or

- (b) How does the HR department contribute to a garment unit?

13. (a) Discuss the factors affecting factory design.

Or

- (b) What are the key requirements relating to health, safety, and welfare in a garment unit?

14. (a) How is the cost of fabric calculated in garment production?

Or

- (b) Discuss the importance of pricing strategies in garment manufacturing.

15. (a) Explain the role of institutions supporting entrepreneurs in India.

Or

- (b) Discuss the importance of export shipping in garment trading.

Part C

(3 × 10 = 30)

Answer any **three** questions.

16. Explain in detail the role of an entrepreneur in the garment industry.
 17. Discuss the organizational structure of a garment unit with a flowchart.
 18. Describe the different types of factory layouts with their advantages and disadvantages.
 19. Discuss the process of cost estimation for cutting, stitching, checking, packing, and shipping.
 20. Explain the procedures involved in setting up a garment export unit.
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S-0734

Sub. Code

23BFC3S1

B.Sc. DEGREE EXAMINATION, NOVEMBER 2025

Third Semester

Fashion Technology and Costume Designing

BUSINESS START UP

(CBCS – 2023 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Define a business startup.
2. What is a market survey?
3. What is the importance of trade fairs in business opportunities?
4. Define BCG Matrix.
5. Define SWOT analysis.
6. What is a value proposition?
7. Differentiate between angel investors and venture capitalists.
8. What is financial analysis?
9. What are the rights of patentees?
10. What is intellectual property?

Part B

(5 × 5 = 25)

Answer **all** questions choosing either (a) or (b).

11. (a) Describe the steps in conducting a market survey.

Or

- (b) Discuss the key components of a successful business startup.

12. (a) How does the BCG matrix help in evaluating business opportunities?

Or

- (b) What is brainstorming? How is it useful in idea generation?

13. (a) Discuss the significance of competitor analysis.

Or

- (b) How does a SWOT analysis help in business planning?

14. (a) Differentiate between MSME schemes and startup subsidies.

Or

- (b) Explain cost structure and its importance in financial planning.

15. (a) Explain the significance of intellectual property rights in business.

Or

- (b) Discuss the difference between trademark and brand.

Part C

(3 × 10 = 30)

Answer any **three** questions.

16. Explain in detail the process of identifying pain points and developing a prototype.
 17. Describe the various sources of business ideas and methods to evaluate business opportunities.
 18. Explain the components of a business model canvas with examples.
 19. Describe financial statements, financial feasibility, and revenue streams with examples.
 20. Discuss in detail patents, trademarks, copyrights, and their significance in the business sector.
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S-0737

Sub. Code

23BFC5C1

B.Sc. DEGREE EXAMINATION, NOVEMBER 2025

Fifth Semester

Fashion Technology and Costume Designing

COSTUMES AND TEXTILES OF INDIA

(CBCS – 2023 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Define “Costume” and give one example from ancient India.
2. Name any two costumes from the Indus Valley Civilization period.
3. What is “Bandhani” and where is it practiced?
4. Name any two types of woven textiles from India.
5. Mention one traditional costume of Assam and one of Rajasthan.
6. Name any two famous silk saree varieties of India.
7. Mention one type of jewellery from Pallava period.
8. What is tribal Jewellery?
9. Name any two traditional embroideries of Gujarat.
10. Mention the specialty of Chicken work of Lucknow.

Part B

(5 × 5 = 25)

Answer **all** questions choosing either (a) or (b).

11. (a) Explain the origin and growth of costume in ancient India.

Or

- (b) Describe the costumes of the Vedic and Maurya periods.

12. (a) Write short notes on Patola ikkat and Kalamkari textiles.

Or

- (b) Explain the features of Banarasi brocades and Kashmir shawls.

13. (a) Describe the traditional costumes of Tamil Nadu and Kerala.

Or

- (b) Write short notes on costumes of Jammu & Kashmir and Gujarat.

14. (a) Discuss about the jewelries used in Indus valley civilization.

Or

- (b) Discuss about jewelry in Mughal period.

15. (a) Discuss the origin and stitches used in Phulkari embroidery.

Or

- (b) Explain the features of Kantha embroidery.

Part C

(3 × 10 = 30)

Answer any **three** questions.

16. Trace the evolution of costumes from painting and cutting to the Mughal period.
 17. Discuss the techniques and cultural significance of dyed and printed textiles of India.
 18. Describe in detail the traditional costumes of five Indian states.
 19. Examine the origin, symbolism, and craftsmanship of temple jewellery in South India.
 20. Discuss in detail about the traditional embroideries of India.
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S-0738

Sub. Code

23BFC5C2

B.Sc. DEGREE EXAMINATION, NOVEMBER 2025

Fifth Semester

Fashion Technology and Costume Designing

GARMENT QUALITY AND COST CONTROL

(CBCS – 2023 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Define garment quality control.
2. State any two raw material quality control specifications.
3. What is meant by production analysis?
4. List any two basic production systems.
5. Mention the types of costs in apparel manufacturing.
6. What is a standard cost sheet?
7. Define Total Quality Management (TQM).
8. Write any two principles of TQM.
9. What is meant by Environmental Management System (EMS)?
10. State any two benefits of EMS.

Part B

(5 × 5 = 25)

Answer **all** questions choosing either (a) or (b).

11. (a) Explain the scope of quality control in garment manufacturing.

Or

- (b) Describe the steps in establishing processing quality specifications.

12. (a) Discuss the functions of production control.

Or

- (b) Write a short note on progressive bundle system.

13. (a) Explain the various types of costs in apparel manufacturing.

Or

- (b) Describe the importance of break-even charts in cost control.

14. (a) Explain the concept of Kaizen in TQM.

Or

- (b) Discuss the significance of PDCA cycle.

15. (a) Describe the main elements of EMS.

Or

- (b) Write a short note on WRAP certification.

Part C

(3 × 10 = 30)

Answer any **three** questions.

16. Elaborate on the quality control inspection procedures for processing, finished garments, and packaging.
 17. Discuss in detail the quantitative and qualitative quality specifications in production control.
 18. Explain the different categories of apparel manufacturing costs and methods to control them.
 19. Describe the Four Pillars of TQM and their relevance to garment manufacturing.
 20. Explain the implementation process of ISO 14000 in garment industries.
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S-0739

Sub. Code

23BFC5C3

B.Sc. DEGREE EXAMINATION, NOVEMBER 2025

Fifth Semester

Fashion Technology and Costume Designing

TEXTILE TESTING

(CBCS – 2023 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. What is standard atmospheric condition?
2. Name any two instruments used for measuring humidity.
3. Define fibre maturity.
4. What is Micronaire value?
5. List any two methods for determining yarn count.
6. What is meant by yarn twist?
7. What is pilling?
8. What are the different types of testing to determine strength of a fabric?
9. Define fabric stiffness.
10. Mention any two methods to measure water absorbency.

Part B

(5 × 5 = 25)

Answer **all** questions choosing either (a) or (b).

11. (a) Discuss the role of humidity on fibre properties.

Or

- (b) Explain the working principle of a sling hygrometer.

12. (a) Explain the working of a Stelometer for fibre strength measurement.

Or

- (b) Write a short note on trash analyser.

13. (a) Describe the methods for determining yarn twist and its significance.

Or

- (b) Explain the working of a single yarn strength tester.

14. (a) Explain the abrasion resistance testing of fabrics.

Or

- (b) Describe a Martindale pill box tester.

15. (a) Discuss the process of measuring crease recovery of fabrics.

Or

- (b) Explain the procedure to test drape of fabrics.

Part C

(3 × 10 = 30)

Answer any **three** questions.

16. Discuss standard regain, moisture content, and their significance in fibre testing.
 17. Describe in detail the fibre testing methods for length, fineness and maturity.
 18. Explain the methods and instruments used for yarn testing, including crimp, and hairiness.
 19. How will you determine tearing and bursting strength of a fabric?
 20. Discuss about testing of thermal conductivity of fabrics.
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S-0740

Sub. Code

23BFC5E1

B.Sc. DEGREE EXAMINATION, NOVEMBER 2025

Fifth Semester

Fashion Technology and Costume Designing

Elective – APPAREL BRAND MANAGEMENT

(CBCS – 2023 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Define “Brand” with reference to apparel products.
2. List any two functions of branding.
3. State the meaning of brand image.
4. Give two elements of brand personality.
5. Name any two types of branding strategies.
6. List any two challenges faced by Indian garment brands.
7. State the meaning of brand appraisal.
8. Give two advantages of brand licensing.
9. Define brand measurement.
10. List any two methods of brand audit.

Part B

(5 × 5 = 25)

Answer **all** questions choosing either (a) or (b).

11. (a) Explain the evolution of branding in apparel.

Or

- (b) Discuss the significance of branding in the apparel sector.

12. (a) Describe the concept of brand identity with suitable examples.

Or

- (b) Explain the components of brand equity.

13. (a) Explain the types of international apparel branding strategies.

Or

- (b) Discuss the brand mapping techniques.

14. (a) Describe the need for brand extension in apparel products.

Or

- (b) Explain the process of labelling and licensing of apparel products.

15. (a) Explain the need for brand measurement in apparel business.

Or

- (b) Discuss the factors affecting brand maintenance.

Part C

(3 × 10 = 30)

Answer any **three** questions.

16. Analyse the variables that drive the success of brands with examples from the apparel industry.
 17. Evaluate the different positioning strategies used by international garment retailers.
 18. Discuss in detail the methods of brand appraisal.
 19. Examine the advantages and disadvantages of brand extension in apparel products with examples.
 20. Analyse the process of managing brand image over time with suitable case studies from Indian garment brands.
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