

C-5641

Sub. Code

81511

DIPLOMA EXAMINATION, APRIL 2025.

First Semester

Fashion and Apparel Designing

INTRODUCTION TO TEXTILES

(2023 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 1 = 10)

Answer **all** the questions.

1. Which of the following is NOT a primary characteristic of textile fibers?
(a) length (b) diameter
(c) color (d) strength
2. Which of the following is a primary characteristic used to classify textile fibers?
(a) luster
(b) tenacity
(c) chemical composition
(d) elasticity
3. What is the primary raw material used in the manufacturing process of viscose rayon?
(a) petroleum (b) wood pulp
(c) cotton (d) silk
4. Which natural fibre is known for its high tensile strength and is commonly used in the production of sacks, bags and ropes?
(a) linen (b) silk
(c) wool (d) jute

5. Yarn count refers to the _____ of the yarn.
- (a) length
 - (b) thickness strength
 - (c) strength
 - (d) twist
6. What is the first step in the flow chart of the ring spinning process?
- (a) Roving
 - (b) Drawing
 - (c) Carding
 - (d) Blowroom
7. Which weaving operation involved lifting and lowering the warp threads to create sheds for the weft insertion?
- (a) beating
 - (b) shedding
 - (c) picking
 - (d) looming
8. What is the primary function of a loom in woven fabric production?
- (a) spinning fibers into yarn
 - (b) weaving yarns into fabric
 - (c) dyeing the fabric
 - (d) cutting the fabric into desired shapes
9. Which type of knitting needle is used to create a “tuck” stitch?
- (a) latch needle
 - (b) bearded needle
 - (c) compound needle
 - (d) straight needle
10. What is a common defect in knitted fabrics known as “dropped stitch” caused by?
- (a) incorrect tension on the yarn
 - (b) overlapping of yarns during knitting
 - (c) incorrect needle selection
 - (d) excessive yarn twisting

Part B

(5 × 5 = 25)

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

11. (a) Explain the concept secondary characteristics of textile fibers. Provide examples of each and discuss their significance in the textile industry.

Or

- (b) Compare and contrast natural and manmade fibers in terms of their sources, production processes and primary characteristics.

12. (a) Describe the manufacturing process of cotton fibers, including the steps involved from cultivation to the production of finished textile materials.

Or

- (b) Analyze the properties of wool fibers and their suitability for various textile applications.

13. (a) Describe the flow chart of the ring spinning process, outlining each step from blow room to cone winding.

Or

- (b) Compare and contrast chemical spinning and mechanical spinning techniques used in yarn manufacturing.

14. (a) Explain the essential weaving operations involved in the production of woven fabrics, including shedding, picking and beating. How do these operations contribute to the creation of a fabric?

Or

- (b) Describe the components of a simple loom and their functions in the weaving process.

15. (a) With neat sketch explain the parts and functions of a latch needle.

Or

- (b) Explain the different applications of non-woven fabric.

Part C

(5 × 8 = 40)

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

16. (a) Explain in detail the process of fiber classification, considering both natural and manmade fibers.

Or

- (b) Investigate the primary characteristics of textile fibers and their impact on the quality and suitability of textile materials for different applications.

17. (a) Investigate the manufacturing process of viscose rayon fibers, outlining the chemical processes involved in converting cellulose into rayon fiber.

Or

- (b) Discuss the properties and uses of nylon fibers in the textile industry. Explain the manufacturing process of nylon, highlighting the polymerization of monomers and the spinning process to produce fibers.

18. (a) Discuss the manufacturing processes involved in producing slub yarns using ring frame.

Or

- (b) Explain with neat sketch the functions of carding process.

19. (a) With neat sketch explain the weft insertion cycle of a rapier loom.

Or

- (b) Illustrate the design, draft and peg plan of a herring bone twill repeating on 12 ends and 6 picks. Consider the parent twill design as 3/3 twill weave.

20. (a) With Neat sketch explain the working processes of double jersey knitting machines.

Or

- (b) With necessary illustrations explain the loop formation in single jersey knitting machine using a bearded needle.

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Sub. Code

81512

DIPLOMA EXAMINATION, APRIL 2025

First Semester

Fashion and Apparel Designing

FUNDAMENTALS OF FASHION

(2023 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 1 = 10)

Answer **all** questions.

1. In the context of design, what does the term “form” refer to?
 - (a) The outline or silhouette of a design
 - (b) The specific type of textile production technique
 - (c) The arrangement of various elements within a design
 - (d) The tactile quality or feel of the fabric
2. Which type of design focuses on the arrangement and organization of structural elements within a textile?
 - (a) Decorative design
 - (b) Geometric design
 - (c) Structural design
 - (d) Floral design

3. What are the two main types of balance in design?
- (a) Symmetrical and Asymmetrical
 - (b) formal and Informal
 - (c) Repetition and Gradation
 - (d) Good and Bad
4. In design, what type of emphasis is achieved through the use of contrasting colors or shapes?
- (a) Line emphasis (b) Shape emphasis
 - (c) Idea emphasis (d) Color emphasis
5. Which type of color harmony involves using colors that are adjacent to each other on the color wheel?
- (a) Complementary color harmony
 - (b) Analogous color harmony
 - (c) Monochromatic color harmony
 - (d) Split-complementary color harmony
6. Which color system is based on the color chart and is widely used in educational settings?
- (a) RGB color model
 - (b) CMYK color model
 - (c) Prang color chart system
 - (d) Pantone color system
7. What is the term used to describe clothing that is custom-made to fit an individual's specific measurements and preferences?
- (a) Haute Couture (b) Pret-a-porter
 - (c) Knock-off (d) Custom-Made

8. Which term refers to a short-lived trend that quickly gains popularity and then fades away?
- (a) Style (b) Fad
(c) Classic (d) Collection
9. Which of the following is considered a fashion accessory?
- (a) Shirt (b) Necklace
(c) Pants (d) Socks
10. What factor primarily influences wardrobe selection for different age groups?
- (a) Budget (b) Personal style
(c) Trends (d) Comfort

Part B

(5 × 5 = 25)

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

11. (a) Define traditional textiles of India and discuss their significance in cultural heritage and economic development.
- Or
- (b) Investigate the significance of color in traditional Indian textile design, examining the cultural symbolism and regional preferences associated with different colors.
12. (a) Define the principle of balance in design and explain the differences between formal and informal balance, providing examples of each.
- Or
- (b) Discuss the concept of rhythm in design and describe how repetition, radiation, and gradation contribute to creating visual movement and interest in compositions.

13. (a) Discuss how the Prang color chart system is used to teach color concepts and harmonies in educational settings.

Or

- (b) Explore the three dimensions of color-hue, value, and intensity. Define each dimension and discuss how they contribute to the overall perception and appearance of colors.

14. (a) Discuss the differences between haute couture and pret-a-porter in the fashion industry.

Or

- (b) Explain the concept of fashion forecasting and its importance in the fashion industry.

15. (a) Examine the importance of uniforms in different sectors, such as civil service, air hostess, and schools.

Or

- (b) Discuss the principles of wardrobe planning and organization for different age groups, considering factors such as closet space, seasonal rotation, and storage solutions.

Part C

(5 × 8 = 40)

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

16. (a) Explain the difference between structural and decorative design in traditional Indian textiles, providing examples of each type.

Or

- (b) Analyze the role of line in textile design, citing examples of how lines are utilized in traditional Indian textiles to create visual interest and define shapes.

17. (a) Examine the principle of gradation in design, describing how the gradual progression of elements in size, color, or intensity can create a sense of depth, transition, and visual interest.

Or

- (b) Explain the concept of radiation in design, demonstrating how elements arranged around a central point or axis can create a sense of movement and energy radiating outward.
18. (a) Compare and contrast related and contrasting color harmonies, discussing their respective strengths and applications in various design contexts.

Or

- (b) Define contrasting color harmony in color theory, also known as complementary color harmony. Explain how it involves using colors that are opposite to each other on the color wheel.
19. (a) Examine the concept of a fashion line in the context of the fashion industry. Discuss how fashion lines are developed, marketed, and positioned within the market, and explore the role of branding and product differentiation.

Or

- (b) Explore the concept of avant-garde in fashion, discussing its significance as a form of experimental and innovative design. Provide examples of avant-garde fashion designers and their unconventional approaches to garment construction and presentation.

20. (a) Explore the role of trimmings and decoration in fashion design. Discuss how embellishments such as embroidery, beading, lace, and sequins can add texture, dimension, and visual interest to garments, and examine how designers use trimmings to enhance the overall aesthetic of their collections.

Or

- (b) Analyze the evolution of fashion accessories over time and their cultural significance. Discuss how accessories have been used throughout history to signify social status, convey identity, and express personal style, and explore how these trends continue to influence contemporary fashion.
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Sub. Code

81521

DIPLOMA EXAMINATION, APRIL 2025

Second Semester

Fashion and Apparel Designing

FASHION RETAILING

(2023 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 1 = 10)

Answer **all** questions.

1. The _____ is the arrangement of floor space to promote the sale of fashion products.
 - (a) Store layout
 - (b) Merchandise presentation
 - (c) Signage
 - (d) Fixtures
2. In retail, _____ refer to any piece of equipment or furniture used to display products.
 - (a) Store layout
 - (b) Merchandise presentation
 - (c) Signage
 - (d) Fixtures
3. The _____ is a design strategy that involves placing merchandise in a neat and organised manner to make it easy for the customer to shop.
 - (a) Store layout
 - (b) Merchandise presentation
 - (c) Signage
 - (d) Fixtures

4. What is the purpose of a “buy one, get one free” promotion in fashion retail?
 - (a) Increase average transaction value
 - (b) Reduce product variety
 - (c) Enhance employee satisfaction
 - (d) Decrease store traffic
5. Which of the following is a key element of visual merchandising?
 - (a) Employee training
 - (b) Inventory management
 - (c) Customer service
 - (d) Store layout and design
6. What is the primary goal of window displays in visual merchandising?
 - (a) Maximize employee efficiency
 - (b) Minimize operational costs
 - (c) Attract potential customers
 - (d) Enhance internal communications
7. How does social media marketing benefit fashion retail promotions?
 - (a) Minimizes brand exposure
 - (b) Reduces customer engagement
 - (c) Increases online sales
 - (d) Streamlines supply chain
8. What is the purpose of seasonal promotions in fashion retail?
 - (a) Reduce customer loyalty
 - (b) Highlight new arrivals
 - (c) Decrease store profitability
 - (d) Limit product assortment

9. Which skill is essential for a successful style advisor?
- (a) Inventory management
 - (b) Social media marketing
 - (c) Customer empathy
 - (d) Financial analysis
10. How does a style advisor determine a customer's fashion preferences?
- (a) Analyzing sales reports
 - (b) Conducting market research
 - (c) Observing body language and verbal cues
 - (d) Implementing pricing strategies

Part B

(5 × 5 = 25)

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

11. (a) Write the classification of fashion departments.

Or

- (b) Explain about trends in store location.

12. (a) State about the activities for sales promotion.

Or

- (b) Explain the difference between small stores and large stores.

13. (a) Write the importance of store image?

Or

- (b) What is a Mannequins - Explain?

14. (a) Recall about importance of media selection in retail.

Or

- (b) Discuss about personal selling and publicity.

15. (a) Describe about the need of fashion advisor.

Or

- (b) What is the basic requirement to become a fashion advisor?

Part C

(5 × 8 = 40)

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

16. (a) Write a note on concept and importance of fashion retailing.

Or

- (b) Explain about store location, site selection in fashion retailing environment.

17. (a) State the importance of finance in retailing.

Or

- (b) Discuss about In store designer boutiques.

18. (a) Narrate the importance of seasonal visual merchandising?

Or

- (b) Describe in detail about window display?

19. (a) Narrate about advertisement in fashion retailing.

Or

- (b) Discuss about evolution of relationship marketing.

20. (a) Describe about role and need of fashion advisor.

Or

- (b) Explain about components of fashion advising.

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81531

DIPLOMA EXAMINATION, APRIL 2025

Third Semester

Fashion And Apparel Designing

APPAREL TOOLS AND MACHINERIES

(2023 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 1 = 10)

Answer **all** questions.

1. The process of placing number of plies one above other is called as
 - (a) Marking
 - (b) Spreading
 - (c) Cutting
 - (d) None of above
2. The plies of fabric in a lay are _____ than/as marker plan.
 - (a) Larger
 - (b) Smaller
 - (c) Same length
 - (d) None of the above
3. Which of the following is the merit of laser cutting?
 - (a) Potential of product damage is less
 - (b) Less consumables are required
 - (c) No toxic by product
 - (d) All the above

4. Which of the following would be the best option to cut small and complicated shape components?
- (a) Straight knife (b) Water jet
(c) Round knife (d) Band knife
5. Thread jamming in shuttle race causes _____
- (a) The m/c to run heavily
(b) Needle breaking
(c) Fabric puckering
(d) Skipped stitches
6. Name the part of a sewing machine that helps to move cloth forward while sewing
- (a) Stitch regulator (b) Spool pin
(c) Feed dog (d) Thimble
7. Name the feed system in which the needle itself moves forward and backward
- (a) Needle feed (b) Compound feed
(c) Unison feed (d) None
8. Which of the followings also called Velcro?
- (a) Zip fastner (b) Loop fastner
(c) Buttons (d) Snap buttons
9. Which of the following has minimum wrinkles?
- (a) Calendering (b) Ironing
(c) Permanent press (d) Pressing
10. This is done to smooth away unwanted creases
- (a) Packing (b) Printing
(c) Finishing (d) Pressing

Part B

(5 × 5 = 25)

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

11. (a) Write about positioning marking.

Or

- (b) Brief on the machinery required for spreading.

12. (a) Explain about die cutters and air jet cutting machine.

Or

- (b) Explain laser cutting machine.

13. (a) Write about fashion maker and faggotting.

Or

- (b) Give an account of blind stitching machine.

14. (a) Write about the time sequence in stitch formation.

Or

- (b) Brief on loop fastening and zip fastners.

15. (a) What is pressing? State the purpose of pressing.

Or

- (b) Write about garment folding and packing.

Part C

(5 × 8 = 40)

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

16. (a) Explain about the types of spreads and its quality.
Or
(b) Discuss about methods and types of marking.
17. (a) Outline about the equipment's and tools used for cutting.
Or
(b) State the advantages of computerized cutting machine and water jet cutting machine.
18. (a) Describe an over lock machine.
Or
(b) Explain the parts and functions of a double needle machine.
19. (a) Write notes on
(i) Bobbin
(ii) Bobbin case
(iii) Bobbin winding
Or
(b) Write a note on the feeding mechanisms in a sewing machine.
20. (a) Discuss about packing materials and tools.
Or
(b) Explain about pleating and permanent press.
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C-5646

Sub. Code

81532

DIPLOMA EXAMINATION, APRIL 2025.

Third Semester

Fashion and Apparel Designing

APPAREL PRODUCTION TECHNOLOGY

(2023 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 1 = 10)

Answer **all** the questions.

1. _____ is the planning of production and manufacturing modules in a company or industry.
 - (a) Product planning
 - (b) Process Planning
 - (c) Production planning
 - (d) Fabric Planning

2. _____ is a measure of economic performance that compares the amount of goods and services produced (output) with the number of inputs used to produce those goods and services.
 - (a) Productivity
 - (b) Process
 - (c) Potential
 - (d) Product

3. _____ are materials or substances used in the primary production or manufacturing of goods.
 - (a) Fabric
 - (b) Trims
 - (c) Product
 - (d) Raw materials

4. _____ is the process of arranging, controlling and optimizing work and workloads in a production process or manufacturing process.
(a) Scheduling (b) Processing
(c) Planning (d) Preparing
5. _____, or line layout, occurs when the equipment and workers are placed in order of production sequence.
(a) Process Layout (b) Plant layout
(c) Product layout (d) Present layout
6. In, _____ the work stations and machinery are not arranged according to a particular production sequence.
(a) Process layout (b) Consumer layout
(c) Product layout (d) Quality Layout
7. Description and specification of how humans are supposed to execute tasks.
(a) Performance method
(b) Process method
(c) Prior method
(d) Work method
8. Abbreviate AQL
(a) appropriate quality level
(b) acceptance quality level
(c) assigned quality level
(d) assessed quality level
9. _____ is the practice of identifying and reducing business expenses to increase profits, and it starts with the budgeting process.
(a) Process control (b) Quality control
(c) Product control (d) Cost control

10. _____ is the process of identifying and reducing expenses associated with running a business.
- (a) Cost control (b) Cost calculation
(c) Cost reduction (d) Cost estimation

Part B

(5 × 5 = 25)

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

11. (a) Explain manpower and machine planning in a production unit.
Or
(b) Identify the factors that influence the productivity of a manufacturing unit.
12. (a) Brief on the concept of the Inventory system.
Or
(b) Discuss the routing procedure that is being carried out in the textile industry.
13. (a) Provide a concise summary of the production layout process.
Or
(b) List out the steps involved in sequencing an operation.
14. (a) Express your thoughts on Action making on work plan.
Or
(b) How does a quality management system contribute to the overall effectiveness and continuous improvement of an organization?
15. (a) Describe the objectives of cost control.
Or
(b) Give a brief note on cost reduction techniques that can be adopted in a manufacturing unit.

Part C

(5 × 8 = 40)

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

16. (a) Enumerate on the production planning process in the apparel industry.
Or
(b) Explain the functions and roles of a production planning department.
17. (a) Elucidate on how raw material sourcing and purchase planning play a crucial role in the profit of the company.
Or
(b) Briefly explain the dispatching procedure.
18. (a) How can both qualitative and quantitative analyses be used in production processes?
Or
(b) What are the implications of process layout and its sequence of operations for optimizing efficiency and effectiveness in production systems?
19. (a) Demonstrate the application of Time study methods in real-time examples.
Or
(b) Formulate the time management strategies that a textile company implemented to improve production efficiency and discuss their outcomes.
20. (a) What methods can be used to estimate the quantity and cost of materials required for manufacturing fashion apparel?
Or
(b) Analyze the ways to control a production system.
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Sub. Code

81533

DIPLOMA EXAMINATION, APRIL 2025

Third Semester

Fashion and Apparel Designing

FASHION MERCHANDISING AND MARKETING

(2023 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 1 = 10)

Answer **all** questions.

1. Which of the following is a key responsibility of a fashion merchandiser?
 - (a) Modeling clothing
 - (b) Styling fashion shows
 - (c) Analyzing sales data
 - (d) Crafting jewelry
2. What role does visual merchandising play in fashion retail?
 - (a) Fabric inspection
 - (b) Employee training
 - (c) Store front display and layout
 - (d) Fashion photography

3. What is the primary goal of fashion marketing?
 - (a) Maximizing employee turnover
 - (b) Minimizing brand awareness
 - (c) Increasing product visibility and sales
 - (d) Decreasing customer loyalty
4. How does influencer marketing benefit fashion brands?
 - (a) Decreasing online sales
 - (b) Reducing brand exposure
 - (c) Leveraging social media influence
 - (d) Minimizing customer engagement
5. Which marketing strategy focuses on creating an emotional connection between consumers and fashion brands?
 - (a) Product diversification
 - (b) Experiential marketing
 - (c) Inventory management
 - (d) Financial analysis
6. Which aspect of apparel manufacturing ensures compliance with safety and quality standards?
 - (a) Fabric sourcing
 - (b) Brand marketing
 - (c) Production scheduling
 - (d) Regulatory compliance
7. Which organization sets global standards for textile and apparel products?
 - (a) International Monetary Fund (IMF)
 - (b) World Health Organization (WHO)
 - (c) International Organization for Standardization (ISO)
 - (d) United Nations Educational, Scientific and Cultural Organization (UNESCO)

8. What role does supply chain management play in the apparel industry?
- (a) Reducing customer satisfaction
 - (b) Improving employee turnover
 - (c) Ensuring timely delivery of products
 - (d) Managing online presence
9. What is the significance of apparel sizing standards in retail?
- (a) Decreasing consumer satisfaction
 - (b) Enhancing product consistency
 - (c) Minimizing brand visibility
 - (d) Limiting online presence
10. What is the purpose of apparel labeling regulations?
- (a) Increase manufacturing costs
 - (b) Ensure transparency and consumer information
 - (c) Limit brand exclusivity
 - (d) Decrease product availability

Part B

(5 × 5 = 25)

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

11. (a) Write a brief note on fashion marketing.
- Or
- (b) Explain the micro marketing.
12. (a) State the a note on the product mix.
- Or
- (b) Explain trade show.
13. (a) Write the importance of pricing strategies.
- Or
- (b) What are the methods of setting prices?

14. (a) Recall about export merchandising.

Or

(b) Discuss about vendor sourcing.

15. (a) Describe about vendor nomination by buyers.

Or

(b) Write about types of approval in inspection.

Part C

(5 × 8 = 40)

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

16. (a) Discuss in detail about classification of Marketing.

Or

(b) Describe in detail about marketing functions.

17. (a) Explain about communication in promotion.

Or

(b) Discuss about advertising agencies.

18. (a) State the importance of factors influencing pricing in new product.

Or

(b) Write in detail about Types of merchandiser.

19. (a) Explain the Flow Process in apparel industry.

Or

(b) Explain the Types of samples.

20. (a) Narrate a note pilot run in apparel export industry.

Or

(b) Explain about assortment and its types.

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Sub. Code

81541

DIPLOMA EXAMINATION, APRIL 2025

Fourth Semester

Fashion and Apparel Designing

APPAREL COSTING AND DOCUMENTATION

(2023 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 1 = 10)

Answer **all** the questions.

1. What is a requirement of a good costing system?
 - (a) Complexity
 - (b) Accuracy
 - (c) High Cost
 - (d) Inconsistency
2. What is cost estimation?
 - (a) Determining exact costs
 - (b) Predicting future costs based on past data
 - (c) Ignoring indirect costs
 - (d) Allocating overhead costs
3. In cost estimation for double yarn, which additional cost is significant compared to single yarn?
 - (a) Packaging cost
 - (b) Labor cost
 - (c) Twisting cost
 - (d) Overhead cost

4. Cost estimation for grey fabric primarily includes _____.
- (a) Dyeing cost
 - (b) Printing cost
 - (c) Raw material and labor costs
 - (d) Embroidery cost
5. Which cost is considered a direct cost in fabric consumption?
- (a) Administrative cost
 - (b) Marketing cost
 - (c) Raw material cost
 - (d) Depreciation
6. When estimating fabric cost per kg, which factor is crucial?
- (a) Production time
 - (b) Dyeing cost
 - (c) Fiber type and quality
 - (d) Marketing expenses
7. Which document provides detailed information about the contents of a shipment?
- (a) Invoice
 - (b) Bill of lading
 - (c) Packing list
 - (d) Letter of credit
8. ECGC primarily helps exporters by _____.
- (a) Offering low-interest loans
 - (b) Providing insurance against credit risks
 - (c) Certifying the quality of goods
 - (d) Handling customs documentation

9. An import license is required to _____.
- (a) Export goods
 - (b) Import restricted goods
 - (c) Ship goods locally
 - (d) Open a foreign bank account
10. An advance license allows importers to _____.
- (a) Import goods without immediate payment of duties
 - (b) Export goods at a higher price
 - (c) Store goods duty-free
 - (d) Get a refund on imported goods

Part B (5 × 5 = 25)

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

11. (a) Write about Cost estimation for shipping.

Or

- (b) Define Standard costing.

12. (a) Write about fabric cost estimation.

Or

- (b) Briefly discuss about costing for dyed fabric.

13. (a) How will you calculate the fabric cost per Kg?

Or

- (b) Give an account on price of a garment for adults.

14. (a) Discuss about Letter of credit.

Or

- (b) Clarify about Certificate of measurement.

15. (a) Cite about Split up licence.

Or

- (b) What is Code number?

Part C

(5 × 8 = 40)

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

16. (a) Explain about principles of costing.

Or

- (b) Write about the requirement of good costing.

17. (a) Discuss about cost estimation of yarn for weaving.

Or

- (b) Describe about the cost estimation of Knitted fabric.

18. (a) Analyse the gross weight of other components of garment.

Or

- (b) Classify the estimation of factory cost for knitted garments.

19. (a) Discuss the need and types of documents relating to goods.

Or

- (b) Describe about ECGC and its role.

20. (a) What is Pre shipment inspection and quality control? Explain it.

Or

- (b) Describe about the import trade control regulation procedure.

C-5649

Sub. Code

81542

DIPLOMA EXAMINATION, APRIL 2025.

Fourth Semester

Fashion and Apparel Designing

APPAREL QUALITY CONTROL

(2023 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 1 = 10)

Answer **all** the questions.

1. The main objective of quality assurance is _____.
 - (a) Implemented throughout the entire production process
 - (b) Process-oriented
 - (c) Product-oriented
 - (d) All the above
2. Expand SPC.
 - (a) Statistical process control
 - (b) Standard process control
 - (c) Statistical production control
 - (d) Standard production control

3. Flowcharts are most commonly used to document.
- (a) Organizational structures and process flows
 - (b) Production methods and standards
 - (c) Depicting the relationship between two variables
 - (d) All the above
4. Which one of the following is the cause of the skip stitch?
- (a) Improper thread unwinding from the package is a common cause
 - (b) More than usual need heating
 - (c) Improper handling of clothing's component parts
 - (d) An upper or lower loop with inconsistent thread tension
5. ISO 9001:2008 specifies requirements for _____.
- (a) Quality management system
 - (b) Standard operating system
 - (c) Accepted quality measures
 - (d) Total quality management
6. W. Edwards Deming is considered to be the father of _____.
- (a) Quality control
 - (b) Quality assurance
 - (c) Total quality management
 - (d) All the above

7. Choose the sewability parameters from the following
- (a) No skipped stitches
 - (b) Evenness, to prevent changes in tension during sewing
 - (c) A high level of abrasion resistance
 - (d) All the above
8. _____are conducted to measure and assess the dimensional changes that occur in fabrics after washing, drying, or exposure to heat.
- (a) Perspiration test
 - (b) Colour fastness to washing
 - (c) Dimensional stability test
 - (d) Fabric Shrinkage tests
9. Immersing the fabric samples in water and any additional chemicals or detergents before subjecting them to testing condition is _____.
- (a) Preparation of samples
 - (b) Impregnation
 - (c) Solidification
 - (d) Mercerisation

10. _____ is a legal international trade transaction document issued by the exporter to the importer that serves as a contract and proof of sale between the parties.
- (a) Certificate of Origin
 - (b) Inspection certificate
 - (c) Bill of Lading
 - (d) Commercial invoice

Part B

(5 × 5 = 25)

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

11. (a) Define the following
- (i) Quality assurance
 - (ii) Quality control
 - (iii) AQL

Or

- (b) Explain accepted quality level.
12. (a) Discuss about fabric defect checking machines and their features.

Or

- (b) Write down the importances of quality tools and list them out.
13. (a) What are the benefits and requirements of ISO 14000?

Or

- (b) Explain any 4 primary elements of total quality management.

14. (a) List out the packaging material needed to pack a full sleeve shirt.

Or

- (b) Discuss the inspection and testing methods of fusible interlinings.

15. (a) Discuss any three shipping documents required for garments export.

Or

- (b) List out any 5 primary functions of warehousing.

Part C

(5 × 8 = 40)

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

16. (a) Enumerate the methods used for garment quality control in the fashion industry.

Or

- (b) Explain the 4 point system with examples.

17. (a) Discuss the different types of sewing defects with root causes.

Or

- (b) Evaluate the quality tools with illustrations.

18. (a) Discuss the following:

- (i) Quality Management System
- (ii) Quality auditing
- (iii) Elements of quality systems

Or

- (b) Enumerate the importance and requirements of ISO 9001:2008 quality system.

19. (a) Review any 4 companies that implemented and achieved the total quality management system.

Or

- (b) Why is TQM important? Discuss in detail.

20. (a) Discuss the principles of warehousing and distribution in detail.

Or

- (b) Explain the following in the shipping procedure.

(i) Pre-shipment inspection

(ii) Significance of Quality Control in Packaging

(iii) Key Aspects of Quality Control in Packaging
