

**C-0960**

**Sub. Code**

**81531**

**DIPLOMA EXAMINATION, NOVEMBER 2023.**

**Third Semester**

**Fashion and Apparel Designing**

**APPAREL MACHINERY AND EQUIPMENT**

**(2019 onwards)**

Duration : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

1. What are the different types of markers?
2. Define notches.
3. Brief on die cutters.
4. Differentiate water jet and air jet.
5. Write any two uses of embroidery machines.
6. Write short notes on flat lock machine.
7. What is the role of needles in stitching?
8. What is machine bed?
9. What is pressing?
10. What are the different categories of pressing?

**Part B**

(5 × 5 = 25)

Answer **all** questions.

11. (a) Write notes on drills and computer aided markers.

Or

- (b) Explain position marking.

12. (a) Enumerate the working principles of laser cutting.

Or

- (b) Write notes on :

(i) Straight knife cutting machine

(ii) Round knife cutting machine

13. (a) Describe three, four, five thread machines.

Or

- (b) Write notes on Faggoting.

14. (a) Explain the times sequence in stitch formation.

Or

- (b) Write notes on bobbin winding.

15. (a) Discuss the methods of garment folding and packing.

Or

- (b) Describe pressing equipment and its working methods.

**Part C**

(3 × 10 = 30)

Answer **all** questions.

16. (a) Explain the methods of marking and the types of marking.

Or

- (b) Explain spreading.

17. (a) Discuss pressure regulators.

Or

- (b) Explain button hole and button fixing machine.

18. (a) Write notes on pressing equipments and its working methods.

Or

- (b) Describe Machine beds and its types.

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**C-0961**

**Sub. Code**

**81532**

**DIPLOMA EXAMINATION, NOVEMBER 2023**

**Third Semester**

**Fashion and Apparel Designing**

**APPAREL PRODUCTION**

**(2019 onwards)**

Duration : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

1. What is machinery fashion?
2. Which machines are used in garment industry?
3. What are the different types of spreading?
4. What is marker planning?
5. Brief on drop feed system.
6. Which is best sewing machine for home use?
7. Brief on stitch and seam defects.
8. What is interlining?
9. What is the role of thread in stitching?
10. What is pressing?

**Part B**

(5 × 5 = 25)

Answer **all** questions.

11. (a) Explain the development of garment industry in India.

Or

- (b) Describe the usage of garment machines.

12. (a) Discuss spreading and its different types.

Or

- (b) Write notes on marker efficiency.

13. (a) Differentiate unison feed and differential feed.

Or

- (b) Explain compound feed.

14. (a) Write notes on: (i) fasteners (ii) Closures

Or

- (b) Write an essay on threads and its different types.

15. (a) Discuss the methods of fusing.

Or

- (b) Describe pressing equipment and its working methods.

**Part C**

(3 × 10 = 30)

Answer **all** questions.

16. (a) Explain the process of apparel manufacturing.

Or

- (b) Explain fabric storage.

17. (a) Discuss the working methods of computer controlled cutting.

Or

(b) Explain different types of stitches.

18. (a) Write notes on fusing.

Or

(b) Explain the different components of packing.

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**C-0962**

**Sub. Code**

**81533**

**DIPLOMA EXAMINATION, NOVEMBER 2023**

**Third Semester**

**Fashion and Apparel Designing**

**FASHION MERCHANDISING AND MARKETING**

**(2019 onwards)**

Duration : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

1. Define standardization.
2. Define grading.
3. What is sales promotion?
4. Brief on advertising budget.
5. What is retail merchandising?
6. Write notes on vendor sourcing.
7. What is master planning?
8. Define sampling.
9. What is the role of shipping marks in garment industry?
10. What are the different types of approvals?

**Part B**

(5 × 5 = 25)

Answer **all** questions.

11. (a) Describe the different classifications of marketing.

Or

- (b) Discuss the functions and factors influencing pricing.

12. (a) Explain the role of communication in fashion sales promotion.

Or

- (b) Describe the role of trade shows and fairs in textile industry.

13. (a) List out the functions and types of merchandiser.

Or

- (b) Explain the reasons for vendor nomination.

14. (a) Write notes on: (i) Knitting (ii) Dyeing.

Or

- (b) How did the buyer and seller communication affect the process of selling?

15. (a) Explain testing.

Or

- (b) What is order sheet? What are the uses of order sheet in garment industry?



**Part C**

(3 × 10 = 30)

Answer **all** questions.

16. (a) Write about the pricing strategies used for apparel products.

Or

- (b) Discuss the structure and functions of advertising department.

17. (a) Explain Merchandising.

Or

- (b) Describe the importance and types of sampling.

18. (a) Write notes on scheduling.

Or

- (b) Describe shipping marks with suitable example.
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**C-1408**

**Sub. Code**

**81511**

**DIPLOMA EXAMINATION, NOVEMBER 2023.**

**First Semester**

**Fashion and Apparel Designing**

**INTRODUCTION TO TEXTILES**

**(2023 onwards)**

Duration : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 1 = 10)

Answer **all** questions.

1. What is the primary raw material used in the textile industry for producing fabrics and textiles?
  - (a) Glass
  - (b) Metal
  - (c) Plastics
  - (d) Fibers
  
2. What category of fibers includes those made from petroleum-based chemicals and is known for its durability and resistance to wrinkles and stains?
  - (a) Synthetic fibers
  - (b) Cellulosic fibers
  - (c) Protein fibers
  - (d) Natural fibers
  
3. Which fiber manufacturing method involves forcing a thick liquid through tiny holes to create long continuous fibers?
  - (a) Spinning
  - (b) Weaving
  - (c) Extrusion
  - (d) Felting

4. Jute, a natural fiber, is often used in the manufacturing of which products?
- (a) Synthetic rubber (b) Electronics components  
(c) Dental floss (d) Burlap sacks and rope
5. In the spinning process, what is the primary purpose of the carding step?
- (a) To align and clean the fibers  
(b) To create a twisted thread  
(c) To dye the fibers  
(d) To weave the fabric
6. Which type of yarn manufacturing process is characterized by a bobbin or spindle that travels back and forth, twisting the yarn and allowing for fine adjustments to the yarn thickness?
- (a) Self-twisting spinning  
(b) Mule spinning  
(c) Ring spinning  
(d) Rotor spinning
7. Which type of loom is commonly used for creating intricate patterns and designs in textiles, such as brocades and jacquard weaves?
- (a) Handloom (b) Power loom  
(c) Shuttle loom (d) Jacquard loom
8. In weaving, what is the name of the perpendicular threads that run vertically on the loom and are interlaced with the weft threads?
- (a) Warp threads (b) Weft threads  
(c) Shuttle threads (d) Jacquard threads

9. Which type of knitting involves a single row of needles to create a fabric with a flat, reversible pattern?
- (a) Circular knitting (b) Weft knitting  
(c) Warp knitting (d) Flat knitting
10. What is the primary advantage of the melt-blown process in non-woven fabric manufacturing?
- (a) It uses weaving and knitting techniques  
(b) It creates a smooth and glossy surface  
(c) It produces fine fibers suitable for filtration  
(d) It requires a high water content in the fibers

**Part B** (5 × 5 = 25)

Answer **all** questions.

11. (a) Write a detailed note on natural fibre.
- Or
- (b) Outline the primary characteristics of textile fibre.
12. (a) Write the properties and uses of Wool fiber.
- Or
- (b) Write short note on nylon.
13. (a) Write a brief note on mechanical spinning process.
- Or
- (b) Discuss about yarn count and twist.
14. (a) Differentiate between air jet and water jet loom.
- Or
- (b) Write short note on satin weave and its properties.

15. (a) Compare knitted fabric and woven fabric.

Or

(b) Write short notes on the elements of knitting.

**Part C**

(5 × 8 = 40)

Answer **all** questions.

16. (a) Discuss about the Primary characteristics of textile fibre.

Or

(b) Elaborate on the classifications of fibre.

17. (a) Elaborate the manufacturing process of Viscose rayon.

Or

(b) Explain the properties and uses of Jute and Sisal.

18. (a) Describe the flow chart of ring spinning process.

Or

(b) Define Yarn. Explain its classifications.

19. (a) Elaborate on the components and elements of a simple loom.

Or

(b) Write a detailed note on plain weave and its properties.

20. (a) Explain the working process of single jersey machines.

Or

(b) Outline the defects of knitted fabric and discuss its causes and remedies.

**C-1409**

**Sub. Code**

**81512**

**DIPLOMA EXAMINATION, NOVEMBER 2023.**

**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. Traditional Indian textiles are known for their rich designs. Which of the following design types often pertains to the overall structure and pattern of the textile?
  - (a) Floral design
  - (b) Decorative design
  - (c) Structural design
  - (d) Geometric design
  
2. Which design element is concerned with the actual and implied lines in a textile, influencing the overall structure and pattern?
  - (a) Line
  - (b) Shape
  - (c) Form
  - (d) Texture

3. Which type of rhythm is created by a gradual change or progression in the size, color, or value of elements?
  - (a) Repetition rhythm
  - (b) Radiation rhythm
  - (c) Gradation rhythm
  - (d) Emphasis rhythm
  
4. Which type of emphasis in design focuses on a single element that stands out from the rest and draws the viewer's attention?
  - (a) Shape emphasis
  - (b) Good proportion emphasis
  - (c) Bad proportion emphasis
  - (d) Dominance emphasis
  
5. The Prang color chart system is a widely used color system for teaching and understanding color. What is the primary purpose of this system?
  - (a) To create a chart of every color in existence
  - (b) To categorize colors by their temperature
  - (c) To provide a visual representation of the color wheel and its relationships
  - (d) To rank colors by their popularity in art
  
6. When we talk about the "value" of a color, what are we referring to?
  - (a) The temperature of the color
  - (b) The saturation or intensity of the color
  - (c) The brightness or darkness of the color
  - (d) The complementary color

7. Which term refers to a prevailing fashion trend that is embraced by a large portion of population for a short period of time?
- (a) Classic                      (b) Haute Couture
- (c) Fad                              (d) Collection
8. In the context of fashion, what does “couturier” mean?
- (a) A fashion magazine editor
- (b) A custom-made clothing designer
- (c) A mannequin used for fashion displays
- (d) A fashion show organizer
9. Uniforms for civil service jobs, like police officers and fire fighters, are designed for
- (a) Elegance and glamour
- (b) Comfort and functionality
- (c) High-fashion runways
- (d) Air hostess uniforms
10. What attire is commonly chosen for leisure hours and evenings when one wants to be comfortable yet stylish?
- (a) Ball gown
- (b) Tuxedo
- (c) Lounge or casual wear
- (d) Chef’s uniform



**Part B**

(5 × 5 = 25)

Answer **all** questions.

11. (a) Explain the concept of design in traditional Indian textiles.

Or

- (b) In the context of design elements, describe the significance of “line” in traditional Indian textiles.

12. (a) Explain the concept of balance in design and provide examples of both formal and informal balance.

Or

- (b) Explain the concept of emphasis and discuss its two primary types.

13. (a) Explain the Prang color chart system and its significance in the field of art and design.

Or

- (b) Compare and contrast related and contrasting color harmonies.

14. (a) Define the term ‘haute couture’ and explain its significance in the fashion industry.

Or

- (b) In the context of fashion, what does “pret-a-porter” mean, and how does it differ from haute couture?

15. (a) Discuss the role of fashion accessories in enhancing an outfit. Provide examples of accessories.

Or

- (b) Explore the factors that significantly influence wardrobe selection, particularly in regions with distinct seasons.

**Part C**

(5 × 8 = 40)

Answer **all** questions.

16. (a) How does “form” contribute to the design of traditional Indian textiles? Explain how various forms are incorporated into these textiles, giving specific examples.

Or

- (b) Describe the role of texture in the design of traditional Indian textiles. How are different textures achieved, and what effect do they have on the overall appearance and feel of the textiles?
17. (a) Proportion in design is about the size relationships between elements. Discuss the importance of proportion in design and explain the differences between good and bad proportion.

Or

- (b) Discuss the concept of emphasis through dominance in design. How does emphasizing one element impact the overall composition, and what are its applications in graphic design and visual arts?
18. (a) Define the dimension of color known as ‘hue.’ Discuss how hues are organized on the color wheel and provide examples of hues from the Prang color chart system.

Or

- (b) Explore the role of complementary colors in design. What are complementary colors, and how can they be used to create dynamic and visually striking compositions.

19. (a) Describe the role of a “fashion director” in the fashion industry. What are their responsibilities and how do they influence the overall image and direction of a fashion brand?

Or

- (b) Explain the concept of a “knock-off” in fashion. How do knock-offs impact the original designer’s work and the fashion industry as a whole?
20. (a) Explain the appropriate dress code for parties and dinners. Provide examples of suitable attire for both formal and casual social events and discuss the factors that influence the choice of clothing for such occasions.

Or

- (b) For sports events, what factors influence the design of sports attire? Describe the functionality and style considerations when creating sports uniforms for various athletic activities.
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