

**C-1799**

**Sub. Code**

**91813**

**B.Sc. DEGREE EXAMINATION, APRIL 2024**

**First Semester**

**Fashion Design**

**INTRODUCTION TO TEXTILES**

**(2016 onwards)**

Duration : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

1. Define fibre.
2. What is non woven?
3. Give two examples for natural fibre.
4. What is regenerated fibre?
5. Define staple length of fibre.
6. What is micronaire value of fibre?
7. What is moisture content cotton fibre?
8. List any two varieties of wool fibre.
9. Define dyeing.
10. What is embroidery?

**Part B**

(5 × 5 = 25)

Answer **all** questions.

11. (a) Narrate the objectives of spinning.

Or

- (b) Narrate the different methods of fabric formation.

12. (a) Classify natural fibre based on origin.

Or

- (b) Classify mineral fibres.

13. (a) List any five physical properties of cotton fibre.

Or

- (b) List any five physical properties of silk fibre.

14. (a) Give the chemical properties of nylon.

Or

- (b) Discuss the properties of linen fibre.

15. (a) Discuss the end products and its uses of home furnishing.

Or

- (b) Explain the preparation silk fibre for making silk saree.

**Part C**

(3 × 10 = 30)

Answer **all** questions.

16. (a) Explain the application of textiles in clothing.

Or

- (b) Give a detailed essay on the properties of wool fibre.

17. (a) Explain the degumming and reeling process of silk.

Or

- (b) With neat sketch explain the microscopic appearance of cotton fibre.

18. (a) Explain the dyeing process of cotton fibre.

Or

- (b) Explain in detail the screen-printing process for cotton fabric.

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**C-1800**

**Sub. Code**

**91823**

**B.Sc. DEGREE EXAMINATION, APRIL 2024**

**Second Semester**

**Fashion Design**

**TEXTILE MANUFACTURING**

**(2016 onwards)**

Duration : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

1. What are the objectives of blow room?
2. What are the objectives of assembly winding?
3. What is twill weave?
4. What is gaiting?
5. List any two properties of rib structure.
6. What is the function sinker in well knitting machine?
7. Draw the structure of gimp yarn.
8. What is melange yarn?
9. What is combed yarn?
10. Define weft float in woven fabric defect.

**Part B**

(5 × 5 = 25)

Answer **all** questions.

11. (a) Narrate the functions of draw frame.

Or

- (b) What are the functions of roving machine?

12. (a) Discuss the passage of material in a multi cylinder sizing machine.

Or

- (b) Discuss the primary and secondary motions of a loom.

13. (a) Classify warp knitted structure.

Or

- (b) Brief about jacquard knitting machine.

14. (a) Enlist on the quality parameters of industrial sewing thread.

Or

- (b) With neat sketch explain the production of snarl yarn.

15. (a) List out the quality parameters of 40's Ne, 50/50 cotton -polyester blended yarn meant for warp.

Or

- (b) Elaborate on process parameters for producing 30'Ne carded yarn meant for weft in a loom.

**Part C**

(3 × 10 = 30)

Answer **all** questions.

16. (a) With neat sketch explain the principle and operation of cone winding process.

Or

- (b) With neat sketch explain the principle and operation of comber process.

17. (a) Illustrate with neat sketch the weft insertion cycle in a flexible rapier loom.

Or

- (b) Illustrate with neat sketch the working principle of raschel warp knitting machine.

18. (a) With neat sketch explain the knitting cycle during loop formation of Spring bearded needle.

Or

- (b) Explain various fabric defects and give their causes and remedies.
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**C-1801**

**Sub. Code**

**91842**

**B.Sc. DEGREE EXAMINATION, APRIL 2024**

**Fourth Semester**

**Fashion Design**

**HISTORIC COSTUMES**

**(2016 onwards)**

Duration : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

1. What are the features of 18<sup>th</sup> century fashion?
2. What are 18<sup>th</sup> century dresses called?
3. What is the popular costume in USA?
4. What did American men wear in the 1800s?
5. What is the traditional costume of Africa?
6. What did ancient Africans wear?
7. What is the traditional dress of Asia?
8. What is hanbok costume of south Korea?
9. What is the traditional dress of Europe called?
10. What is the European style?

**Part B**

(5 × 5 = 25)

Answer **all** questions.

11. (a) Discuss on tea dress of 1800s.

Or

(b) Discuss Victorian dresses.

12. (a) Discuss about Mantua dress of America during 18<sup>th</sup> century.

Or

(b) Explain the head dresses of American costumes.

13. (a) Discuss on Nigerian costumes.

Or

(b) List the features of Uganda costumes.

14. (a) Give an account of Pakistan costumes.

Or

(b) Discuss the features of China costumes.

15. (a) Discuss the costumes of Scotland costumes.

Or

(b) Explain the salient features of Germany costumes.



**Part C**

(3 × 10 = 30)

Answer **all** questions.

16. (a) Describe the costumes of 18<sup>th</sup> century.

Or

(b) Describe the costumes of 19<sup>th</sup> century.

17. (a) Describe the costumes of Japan.

Or

(b) Describe the costumes of 19<sup>th</sup> century costumes of America.

18. (a) Explain the with necessary illustration the costumes of Egypt.

Or

(b) Explain the with necessary illustration the costumes of Ireland.

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**C-1802**

**Sub. Code**

**91843**

**B.Sc. DEGREE EXAMINATION, APRIL 2024**

**Fourth Semester**

**Fashion Design**

**TEXTILE CHEMICAL PROCESSING**

**(2016 onwards)**

Duration : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

1. What is wet processing?
2. Define degumming of silk.
3. What are objectives of singeing.
4. What is scouring?
5. What is Desizing?
6. What is mordant?
7. List the styles of printing.
8. List the features of screen printing.
9. Write the objective of mildew proof finish.
10. What is anti-microbial finish?

**Part B**

(5 × 5 = 25)

Answer **all** questions.

11. (a) Narrate the chemical processing sequence of rayon.

Or

- (b) Narrate the chemical processing sequence of polyester.

12. (a) Discuss the principles and mechanism of bleaching of cellulose material.

Or

- (b) Explain the process of desizing cellulose material using enzymes.

13. (a) List the properties of direct.

Or

- (b) List the properties of azo dyes.

14. (a) Give a detail account on screen printing process on cotton fabric.

Or

- (b) Discuss the printing process on polyester fabric using disperse dyes and pigments.

15. (a) Discuss the water repellent finish process.

Or

- (b) Discuss the heat resistant finish process.

**Part C**

(3 × 10 = 30)

Answer **all** questions.

16. (a) Describe the chemical processing sequence of cotton.

Or

- (b) Give a detailed essay singeing process gas singeing machine on cotton fabric.

17. (a) Explain scouring of cotton fabric using kier boiling method.

Or

- (b) Explain the application of vat dyes on cotton fabric using winch dyeing machine.

18. (a) Explain in detail the denim finishing process.

Or

- (b) Explain in detail the printing process of cotton fabric using rotary screen-printing machine.
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**C-1803**

**Sub. Code**

**91851**

**B.Sc. DEGREE EXAMINATION, APRIL 2024**

**Fifth Semester**

**Fashion Design**

**APPAREL COSTING TECHNIQUE**

**(2016 onwards)**

Duration : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

1. Define a good costing system.
2. What is conversion cost?
3. Distinguish between direct material cost and direct expenses.
4. Calculate the prime cost if direct material cost is Rs.500, direct wages are Rs.300, and direct expenses are Rs.50.
5. How is standard cost determined for weaving processes?
6. How does the cost of fabric impact the overall cost of apparel products?
7. Mention the concept of INCO Terms.
8. List the steps involved in estimating the costs for cutting.
9. What is CM?
10. Compare the costing considerations for children's wear and ladies' wear.

**Part B**

(5 × 5 = 25)

Answer **all** questions.

11. (a) Define a cost unit and explain its significance in costing systems.

Or

- (b) Describe the difference between research cost and development cost.

12. (a) What is the significance of prime cost in costing? How is it calculated?

Or

- (b) Discuss the various types of overhead cost.

13. (a) How is standard cost determined for weaving and knitting processes in textile manufacturing?

Or

- (b) Describe the importance of considering special finished goods in costing.

14. (a) Explain the concept of INCO TERMS.

Or

- (b) Discuss the significance of including forwarding and shipping costs.

15. (a) Provide a detailed cost analysis for two different apparel styles of your choice.

Or

- (b) Discuss the challenges and advantages of cost analysis for children's wear.

**Part C**

(3 × 10 = 30)

Answer **all** questions.

16. (a) Discuss the key principles that form the foundation of a good costing system.

Or

- (b) Explain the concept of prime cost, work cost, and cost of production.

17. (a) Elaborate on the process of determining standard costs for weaving, knitting, and processing various styles of fabrics.

Or

- (b) Explain the concept of International Commercial Terms and its relationship with costing.

18. (a) Describe a detailed cost analysis for T-shirts products using the concepts of woven/knit CM and CMT costs.

Or

- (b) Compare and contrast the factors that need to be considered in costing for domestic apparel products versus international apparel products.
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**C-1805**

**Sub. Code**

**91853**

**B.Sc. DEGREE EXAMINATION, APRIL 2024**

**Fifth Semester**

**Fashion Design**

**THEATRE COSTUMES**

**(2016 onwards)**

Duration : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

1. What is costume design in theatre?
2. Mention the different costumes used in stages.
3. List out the parts of a pageant.
4. How do you light a costume?
5. Write short notes on furniture used in theatre.
6. What is the concept of space in theatre.
7. Summarize the importance of short stories in theatre.
8. List out costumes used in the evels.
9. Write short notes on uses of novels in theatre.
10. Outline the gallivers travel in novel theatre.



**Part B**

(5 × 5 = 25)

Answer **all** questions.

11. (a) Write in detail about the elements of costume design.

Or

- (b) Describe the costume used in stages.

12. (a) Summarize the functions of lighting costumes.

Or

- (b) Discuss about importance of costuming a pageant.

13. (a) Write in detail about steps to make a set design in theatre.

Or

- (b) Describe the purpose of arranging stenographic space.

14. (a) Write about story telling in theatre.

Or

- (b) Summarize the create a story for the seven dwarfs.

15. (a) Describe about the roll of merchant of venice novel in theatre.

Or

- (b) Outline the main points of Hamlet novels in theatre.

**Part C**

(3 × 10 = 30)

Answer **all** questions.

16. (a) Explain in detail about different types of stages in theatre costume.

Or

- (b) Elaborate on general steps to follow a costume a pageant.

17. (a) Briefly explain different types of furniture for setting a theatre.

Or

- (b) Explain in detail about the costumes used in cinderella and snow white.

18. (a) Discuss about the importance of arranging real and cultural space.

Or

- (b) Elaborate on set up a theatre for the novel one night at the call centre.
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**C-1806**

**Sub. Code**

**91861**

**B.Sc. DEGREE EXAMINATION, APRIL 2024**

**Sixth Semester**

**Fashion Design**

**FASHION MERCHANDISING AND MARKETING**

**(2016 onwards)**

Duration : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

1. Define market.
2. What is market product?
3. What is the need for market research?
4. What is buying behaviour?
5. What is advertising?
6. What is marketing channel?
7. What is market estimation?
8. What is market forecasting?
9. What is order sheet?
10. What is buying house?

**Part B**

(5 × 5 = 25)

Answer **all** questions.

11. (a) Brief about customer and seller relationship in fashion market.

Or

- (b) What are the parts of marketing?

12. (a) Explain the purpose of market research.

Or

- (b) Explain the characteristics of marketing research.

13. (a) Explain the pricing decisions and procedures.

Or

- (b) Explain the functions marketing channel.

14. (a) What is market demand and its importance?

Or

- (b) What is market potential and prospects?

15. (a) Explain the retail merchandising.

Or

- (b) Explain about random sampling method.

**Part C**

(3 × 10 = 30)

Answer **all** questions.

16. (a) Explain in the flow chart of materials from woven fabric to garment.

Or

- (b) Explain the organizational setup in garment industry meant for producing knitted garments.

17. (a) Explain market research by survey method.

Or

- (b) Explain about sales promotion and distribution techniques used in garment industry.

18. (a) Explain the role of merchandiser in garment industry.

Or

- (b) Explain in detail the functions of buying.
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**C-1807**

**Sub. Code**

**91862**

**B.Sc. DEGREE EXAMINATION, APRIL 2024**

**Sixth Semester**

**Fashion Design**

**FASHION AND CLOTHING PSYCHOLOGY**

**(2016 onwards)**

Duration : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

1. Define fashion cycle.
2. What do you mean by repetition of fashion?
3. What is fashion innovators?
4. What is fashion victim?
5. What is widow displays in visual merchandising?
6. What is fashion signage?
7. What is realist fashion designer?
8. What is influenced fashion designer?
9. Name any two designers of France.
10. Name any two designers of America.

**Part B**

(5 × 5 = 25)

Answer **all** questions.

11. (a) Write on social psychology of fashion.

Or

(b) Brief about cloth as sex appeal.

12. (a) Explain about fashion leaders.

Or

(b) Explain about the trickle up fashion theory.

13. (a) Explain the lighting in merchandising presentation.

Or

(b) Describe the back drop tools in visual merchandising.

14. (a) Explain the fashion design work of Gitanjal Kashyap.

Or

(b) Explain the fashion design work of J J Valaya.

15. (a) Explain the highlights of Italy fashion centres.

Or

(b) Explain the fashion design work of Nina Ricci from France.

**Part C**

(3 × 10 = 30)

Answer **all** questions.

16. (a) Explain the role of costume as a status symbol.

Or

- (b) Explain about economical influence on fashion changes.

17. (a) Explain about fashion market research.

Or

- (b) Explain about historic and ethnic costume design in fashion.

18. (a) Explain the fashion design work of Anju modi.

Or

- (b) Explain the fashion design work of Ritu beri.
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C-2441

Sub. Code

91813

**B.Sc. DEGREE EXAMINATION, APRIL 2024.**

**First Semester**

**Fashion Design**

**INTRODUCTION TO TEXTILES**

**(2023 onwards)**

Duration : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 1 = 10)

Answer **all** questions.

1. TPI means \_\_\_\_\_
  - (a) Twist per inch
  - (b) Twist per interval
  - (c) Twist production interval
  - (d) Twist pre interval
2. Twill structure can be produce using \_\_\_\_\_
  - (a) knitting                      (b) weaving
  - (c) braiding                      (d) nonwoven
3. Cotton is a \_\_\_\_\_ fibre
  - (a) Animal                      (b) Man made
  - (c) Plant                      (d) mineral
4. \_\_\_\_\_ is an example for animal fibre
  - (a) polyester                      (b) cotton
  - (c) nylon                      (d) wool

5. Lumen related to \_\_\_\_\_
- (a) Cotton                      (b) Wool  
(c) Silk                         (d) polyester
6. Cortex related to
- (a) polyester                  (b) wool  
(c) nylon                        (d) aramid
7. Sericin related to \_\_\_\_\_
- (a) cotton                      (b) rayon  
(c) silk                         (d) polyester
8. \_\_\_\_\_ is an example for regenerated cellulose fibre.
- (a) cotton                      (b) nylon  
(c) silk                         (d) viscose
9. \_\_\_\_\_ fabric is most suited for making winter clothing
- (a) wool                        (b) cotton  
(c) silk                         (d) rayon
10. \_\_\_\_\_ fabric is most suits for making lining cloth
- (a) twill                        (b) satin  
(c) velvet                       (d) corduroy

**Part B**

(5 × 5 = 25)

Answer **all** questions.

11. (a) Distinguish between spinning and weaving.

Or

- (b) Elaborate on woven fabric particulars.

12. (a) Classify animal fibres with example.

Or

- (b) Classify plant fibre with examples.

13. (a) List out the primary properties of textile fibre.

Or

- (b) List out the secondary properties of textile fibres.

14. (a) Enlist the properties of linen fibre.

Or

- (b) Enlist the properties of nylon fibre.

15. (a) List out the fabric used for making shirting.

Or

- (b) List out the fabric used for making suiting.

**Part C**

(5 × 8 = 40)

Answer all questions.

16. (a) Explain the application textiles in clothing.

Or

- (b) Explain various methods of fabric formation.

17. (a) Classify with suitable examples the manmade fibres.

Or

(b) Explain about non thermoplastic fibers and its applications.

18. (a) With neat sketch explain the microscopic structure of cotton fibre.

Or

(b) With neat sketch explain the microscopic structure of wool fibre.

19. (a) Explain the physical and chemical properties of acrylic fibre.

Or

(b) Explain the physical and chemical properties of nylon fibre.

20. (a) Explain the different end products and applications of home furnishing.

Or

(b) Explain the different end products and applications of garment made from different materials.

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C-2442

Sub. Code

91823

**B.Sc. DEGREE EXAMINATION, APRIL 2024.**

**Second Semester**

**Fashion Design**

**TEXTILE MANUFACTURING**

**(2023 onwards)**

Duration : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 1 = 10)

Answer **all** questions.

1. \_\_\_\_\_ is the process of combining several silvers into one.  
(a) Drafting                      (b) Combing  
(c) Carding                        (d) Ginning
2. The process of unwinding raw silk filament from the cocoon is  
(a) Winding                        (b) Roving  
(c) Reeling                         (d) Drawing
3. Name the fabric-like material made from staple fibre, bonded together by chemical, mechanical, heat or solvent treatment.  
(a) Woven                          (b) Non woven  
(c) Knitting                        (d) Crocheting

4. In which of the following process is several sheds formed?  
(a) Rapier                      (b) Projectile  
(c) Multiphase                (d) Air jet
5. In weft knitting loops are produced in the  
(a) Width                      (b) Length  
(c) Diagonally                (d) None of the above
6. Choose the warp knitted structure  
(a) Tricot                      (b) Milanese  
(c) Rashel                      (d) All the above
7. Which of the following fancy yarn consists of a cut pile that is trapped in the core yarn?  
(a) Loop                        (b) Snarl  
(c) Chennile                    (d) Grand rille
8. Relative thickness of thread expressed in gm/denier, gm/text is  
(a) Tensile strength        (b) Loop strength  
(c) Tenacity                    (d) Abrasion
9. Name the fabric imperfection in which one or several yarns are sufficiently damaged to create an opening.  
(a) Tear                        (b) Float  
(c) Hole                         (d) Miss pick
10. Drop stitch in knitted fabric is caused by  
(a) faulty needle  
(b) defective needle latch  
(c) thread breaking  
(d) thick place in yarn

**Part B**

(5 × 5 = 25)

Answer **all** questions.

11. (a) Explain roving and drawing process.

Or

- (b) State the objectives of spinning, combing and cone winding.

12. (a) Explain about any two shuttle less weaving machines.

Or

- (b) Define Non woven and state its application.

13. (a) State the principles of weft knitting.

Or

- (b) Describe the basic warp knitting elements.

14. (a) Brief on the fibers used in manufacture of sewing thread.

Or

- (b) List the essential qualities of sewing threads.

15. (a) Compare carded and combed yarns.

Or

- (b) State the woven fabric defects and their causes.

**Part C**

(5 × 8 = 40)

Answer **all** questions.

16. (a) Elaborate on the objectives, principles and types of spinning.

Or

- (b) Enumerate the process sequence of spinning.

17. (a) Explain the process flow and objectives of preparatory process for weaving.

Or

- (b) Explain the primary, secondary and auxiliary motions of weaving.

18. (a) Classify knitting.

Or

- (b) Explain the working principle of Rib Knit.

19. (a) Enumerate on fancy yarns and its types.

Or

- (b) Explain in detail the manufacture process of sewing thread.

20. (a) State the Knitted fabric defects and analyze its causes.

Or

- (b) Discuss the quality parameters required for 100% cotton and blended yarns.