B.Sc. DEGREE EXAMINATION, NOVEMBER 2023.

First Semester

Fashion Design

INTRODUCTION TO TEXTILES

(2016 onwards)

Duration : 3 Hours   Maximum : 75 Marks

Part A   (10 × 2 = 20)

Answer **all** questions.

1.   What is spinning and weaving?

2.   What is woven and non woven?

3.   Name some fibres produced by plants.

4.   What is non thermoplastic fibre?

5.   What are the properties of natural fibre?

6.   Write down the properties of silk — Rayon.

7.   Brief on the advantages of acrylic.

8.   Write down any four characteristic features of Polyester.

9.   Write short note on the process of dyeing fabric.

10. How is embroidery used in textiles?

Answer **all** questions.

11. (a) Explain the importance of textiles.

Or

(b) Describe the production methods of fabric.

12. (a) Explain the sources and types of fibres.

Or

(b) Differentiate thermoplastic and non thermoplastic fibre.

13. (a) Explain the secondary properties of fabric textile.

Or

(b) How is microscopic test performed and which features of the Fibres does it reveal?

14. (a) Explain the cultivation method of cotton.

Or

(b) Explain the characteristic features of linen and wool.

15. (a) Write an essay on the need of quality control at each stage of manufacturing.

Or

(b) Explain the importance of printing in textiles.

C–0427

Part C (3 × 10 = 30)

Answer **all** questions.

16. (a) Explain the advantages and disadvantages of manmade fabric.

Or

(b) Write notes on :

(i) Twist

(ii) Knitting

17. (a) Discuss the introduction of terminology in textile.

Or

(b) Explain the process of the production of yarn to fabric.

18. (a) Explain the stages in textiles from scratch to end product.

Or

(b) Explain the importance of fabric decoration techniques.

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C–0427

C–0429	Sub. Code
	91823

B.Sc. DEGREE EXAMINATION, NOVEMBER 2023

Second Semester

Fashion Design

TEXTILE MANUFACTURING

(2016 onwards)

Duration : 3 Hours　　　　　　　　Maximum : 75 Marks

Part A　　　　　　　　$(10 \times 2 = 20)$

Answer **all** questions.

1. State the types of spinning method available.

2. List out the advantages of combing.

3. Define non woven.

4. Organize the importance of gaiting.

5. State the principle of Warp knitting.

6. Discuss about knitting elements.

7. List out the required properties of sewing thread.

8. List the types of fancy yarns with examples.

9. State the process particulars for 100% cotton warp yarns.

10. Outline the quality requirement for hosiery yarns.

11. (a) Explain the fining process.

Or

(b) Outline the doubling operation.

12. (a) Organize the working of winding machine.

Or

(b) List out the advantages and disadvantages of projectile wearing machine.

13. (a) Explain in detail about working of single jersy machine.

Or

(b) Organize the uses of basic warp knitting elements.

14. (a) Discuss about the type of fibers required for sewing thread.

Or

(b) List out the different types of fancy yarns with examples.

15. (a) Explain about yarn imperfection and faults.

Or

(b) Compare the carded and combed cotton yarns.

C–0429

Part C $(3 \times 10 = 30)$

Answer **all** questions.

16. (a) Explain in detail about combing process.

Or

(b) Discuss in detail about the carding process.

17. (a) Explain about working of water jet machine.

Or

(b) Outline the working principle of tricot machine..

18. (a) Explain about the fancy yarns production methods.

Or

(b) Briefly explain causes and remedies of knitted fabric defects.

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C–0429

C–0430	Sub. Code
	91832

B.Sc. DEGREE EXAMINATION, NOVEMBER – 2023

Third Semester

Fashion Design

HISTORY OF INDIAN COSTUMES

(2016 onwards)

Duration : 3 Hours   Maximum : 75 Marks

Part A   (10 × 2 = 20)

Answer **all** questions.

1.   Outline the types of ornament in Indian costumes.

2.   Write short notes on importance of clothing.

3.   Recall the costumes used in Satvahana period.

4.   Outline the costumes developments in Gupta period.

5.   Summarize the importance of Bead work.

6.   List out the different types of traditional textiles used in Southern region.

7.   Write short notes on traditional costumes used in Uttar Pradesh.

8.   List out the different costumes in Punjab.

9.   Organize the costumes used in Mizoram.

10. Write short notes on costumes used in Daman and Diu.

Part B   (5 × 5 = 25)

Answer **all** questions.

11. (a) Describe the five functions of clothing.

Or

(b) Summarize the importance of costumes in Indian culture.

12. (a) Discuss in detail about accessories used in Vedic period.

Or

(b) Conclude the importance of Sunga period in Indian costumes.

13. (a) Summarize the importance of Kutch work and Mochi work.

Or

(b) Discuss in detail about the Banjara Embroidery.

14. (a) Outline the traditional costumes used in Haryana and Chandigarh.

Or

(b) Organize the traditional costumes used in Delhi and Jammu and Kashmir.

15. (a) Summarize the traditional costumes used in Telangana.

Or

(b) Write in detail about the traditional costumes used in Kerala.

2   **C–0430**

Part C $(3 \times 10 = 30)$

Answer **all** questions.

16. (a) Explain in detail about the factors effecting the clothing habits and preferences.

Or

(b) Elaborate on costumes and accessories used in Mughal period.

17. (a) Elaborate on Dacca and Baluchar sarees.

Or

(b) Describe the any two Northern Indian region traditional textiles.

18. (a) Discuss about traditional costumes used in Arunachal Pradesh and Assam.

Or

(b) Explain in detail about the traditional costumes used in Goa and Maharashtra.

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C–0430

B.Sc. DEGREE EXAMINATION, NOVEMBER 2023.

Third Semester

Fashion Design

GARMENT MANUFACTURING TECHNOLOGY

(2016 onwards)

Duration : 3 Hours   Maximum : 75 Marks

Part A   (10 × 2 = 20)

Answer **all** questions.

1.   What is the term "LAY" used for?

2.   Which needle point is recommended for knits?

3.   Which is the most commonly used stitch?

4.   What is a flat lock machine?

5.   Name any two materials used in the garment industry.

6.   Define "Serging'.

7.   Name two national garment brands.

8.   What is meant by the spreading process?

9.   List out any two fabric selection techniques

10. List out two different accessories in the contemporary fashion scene.

Part B   (5 × 5 = 25)

Answer **all** questions.

11. (a) What is the stitch formation for a lockstitch machine?

    Or

    (b) Discuss any two accessory designers from the Indian fashion industry.

12. (a) Differentiate between woven and non woven fabric.

    Or

    (b) What are the types of grainlines in a fabric?

13. (a) Differentiate between the two types of markets which are used for manufacturing readymade garments?

    Or

    (b) What are the characteristics of a well constructed garment?

14. (a) Discuss the need of a bundle ticket in the garment industry?

    Or

    (b) What is the technique to evaluate a garment assembly system?

15. (a) List out the defects in the cutting process.

    Or

    (b) What are the different fabric packages?

C–0431

Part C (3 × 10 = 30)

Answer **all** the questions.

16. (a) How does history impact the trends in garment manufacturing?

    Or

    (b) Draw and elaborate on the flow process sequence of the apparel industry.

17. (a) Explain the impact of the fashion cycle upon accessory production.

    Or

    (b) How does the grainlines affect estimation of fabric in a garment?

18. (a) Describe the working of a button attachment machine.

    Or

    (b) Discuss the several department in the garment industry.

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C–0431

C–0432		Sub. Code
		91842

B.Sc. DEGREE EXAMINATION, NOVEMBER 2023

Fourth Semester

Fashion Design

HISTORIC COSTUMES

(2016 onwards)

Duration : 3 Hours   Maximum : 75 Marks

Part A $(10 \times 2 = 20)$

Answer **all** questions.

1.   What is Robe de Francaise?

2.   What is Toga?

3.   Illustrate any silhouette from 19th century.

4.   Define fashion research.

5.   Illustrate Ghana traditional Jewellery.

6.   Write short notes on Chinese fabrics.

7.   Illustrate any traditional Japanese motif.

8.   What were traditional female costumes of Myanmar.

9.   Write short notes on the head dresses pf Germany.

10.   Illustrate the traditional female costume of Portugal.

Part B $(5 \times 5 = 25)$

Answer **all** the questions

11. (a) Explain the men's costume of 19th century.

        Or

    (b) Write about dress perform When and why it happened?

12. (a) Explain power dressing in women.

        Or

    (b) Describe briefly the swinging 60's fashion.

13. (a) Differentiate between the costumes of Nigeria and Ghana.

        Or

    (b) Explain the textile designs and costumes of Egypt.

14. (a) Write about the head dresses and embellishments of China.

        Or

    (b) Explain the women's traditional costume of Japan.

15. (a) Explain the men's costume in Ireland.

        Or

    (b) Explain the women's traditional costume of Britain.

C–0432

Part C $(3 \times 10 = 30)$

Answer **all** questions.

16. (a) Discuss the development of female costume in 19th century.

Or

(b) Differentiate between 18th and 19th century costumes.

17. (a) Explain the traditional clothing and head dresses of Srilanka.

Or

(b) Explain the traditional costumes of Thailand.

18. (a) Illustrate the Folk costume of Greece. Explain with examples.

Or

(b) Explain American Folk costumes.

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3   **C–0432**

B.Sc. DEGREE EXAMINATION, NOVEMBER 2023

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 Bleaching?

2.   State the importance of singeing.

3.   List few dyes used for dyeing cotton.

4.   Name few dyes have good fastness property.

5.   What is discharge printing?

6.   Differentiate between dyeing and printing.

7.   List few resin finishing agents.

8.   What is the purpose of flame retardant finish?

9.   Give the desizing recipe.

10. What is the purpose of scouring?

Part B $(5 \times 5 = 25)$

Answer **all** questions.

11. (a) Explain the chemical process sequence for cotton fabric.

Or

(b) Discuss the chemical process sequence for wool fabric.

12. (a) Explain the process of scouring.

Or

(b) Explain the process of Bleaching.

13. (a) Write a note on vatting process.

Or

(b) Explain the properties of reactive dyes.

14. (a) Explain the discharge printing.

Or

(b) Write a note on screen printing.

15. (a) Explain UV protection finish.

Or

(b) Discuss on Moth resist finish.

Part C $(3 \times 10 = 30)$

Answer **all** questions.

16. (a) Explain the Mercerization of cotton.

Or

(b) Discuss the various singeing process for cotton fabric.

2 **C–0433**

17. (a) Explain the Hot brand reaction dye for cotton fabric.

Or

(b) Explain the process of dyeing polyester by using disperse dye.

18. (a) Discuss the process of Roller printing.

Or

(b) Explain the finishing process for Denim fabric.

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C–0434		Sub. Code
		91851

B.Sc. DEGREE EXAMINATION, NOVEMBER 2023

Fifth Semester

Fashion Design

APPAREL COSTING TECHNIQUES

(2016 onwards)

Duration : 3 Hours Maximum : 75 Marks

Part A $(10 \times 2 = 20)$

Answer **all** questions.

1. What is cost unit?

2. Define policy cost.

3. What is prime cost and its components?

4. What does production overhead include?

5. Write down the standard cost for weaving.

6. Brief on the fabric cost for printed material.

7. What are administrative overheads?

8. State the cost estimation for shipping.

9. How to calculate the cost analysis for T-Shirts?

10. What is CMT charges?

Answer **all** questions.

11. (a) Write down the requirements of good costing system.

   Or

   (b) How do you determine development cost?

12. (a) Explain Cost of Production.

   Or

   (b) Write notes on :

   (i) Total Cost

   (ii) Work Cost.

13. (a) Explain about the processing cost of knitted fabrics.

   Or

   (b) How will you calculate fabric cost for embroidery work fabrics?

14. (a) Write notes on Checking and packing.

   Or

   (b) Write down the stitching cost for different types of stitching.

15. (a) How to calculate the garment cost for Ladies wear?

   Or

   (b) Write about the various factors to be considered in costing for international products.

C–0434

Part C $(3 \times 10 = 30)$

Answer **all** questions.

16. (a) Elaborate the different types of cost.

Or

(b) Explain Imputed cost and sunk cost.

17. (a) Describe the various elements of cost.

Or

(b) Explain Overhead and its classification.

18. (a) Write notes on :

(i) Cost for cutting

(ii) Cost for stitching of estimation.

Or

(b) Write down the methods of estimation of cost for shipping and Insurance.

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C–0434

B.Sc. DEGREE EXAMINATION, NOVEMBER 2023

Fifth Semester

Fashion Design

HUMAN RESOURCE MANAGEMENT

(2016 onwards)

Duration : 3 Hours　　　　　　　Maximum : 75 Marks

Part A　　　　　　　$(10 \times 2 = 20)$

Answer **all** questions.

1. State the scope of Personal management.

2. Why is personal management important?

3. What is job specification?

4. Define recruitment.

5. What is performance appraisal?

6. What is the purpose of performance appraisal?

7. Write any two benefits of training.

8. Write down the nature of motivation.

9. What is labour turnover?

10. Why is employee counseling required?

Answer **all** questions.

11. (a) Explain the characteristics and qualities of personal manager.

Or

(b) Describe the importance of personal management.

12. (a) Write down the different types of interview.

Or

(b) What are the procedures in selecting good employee?

13. (a) Describe the types of performance appraisal.

Or

(b) Explain the objectives and benefits of training.

14. (a) Explain the different types of motivation process.

Or

(b) Explain the relationship between morale and productivity.

15. (a) How does absenteeism affect a company?

Or

(b) Explain the importance of customer retention.

C–0435

Part C $(3 \times 10 = 30)$

Answer **all** questions.

16. (a) Explain the objectives and functions of personnel management.

Or

(b) Explain the recruitment and selection process of employee.

17. (a) Write notes on:

(i) Promotion

(ii) Demotion

Or

(b) Explain the nature and importance of morale.

18. (a) Explain the importance of counseling in workplace.

Or

(b) Describe the importance of performance appraisal.

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C–0435

C–0436		Sub. Code
		91853

B.Sc. DEGREE EXAMINATION, NOVEMBER 2023.

Fifth Semester

Fashion Design

THEATRE COSTUMES

(2016 onwards)

Duration : 3 Hours   Maximum : 75 Marks

Part A   (10 × 2 = 20)

Answer **all** questions.

1.   Define theatre.

2.   What are props and costumes?

3.   What are lighting costumes?

4.   Write notes on pageant costume.

5.   What are the elements of setting?

6.   What is the function of costume in theatre performance?

7.   What is scenography?

8.   What are the different types of theatre play?

9.   Write down the role of lighting in Merchant of Venice.

10.   State the role of costumes in Hamlet.

Part B $(5 \times 5 = 25)$

Answer **all** questions.

11. (a) Explain the different types of theatre.

Or

(b) Analyze the importance of staging in drama.

12. (a) Write about the importance of costume in theatre.

Or

(b) How is lighting used in theatre?

13. (a) Explain scenic design.

Or

(b) Write notes on the importance of furniture in theatre.

14. (a) Write about the costume of Cinedrella.

Or

(b) Write notes on the stage set up of Shoemaker and the Elves.

15. (a) Explain the costume design of One night at the call centre.

Or

(b) Explain Improvisational theatre.

Part C $(3 \times 10 = 30)$

Answer **all** questions.

16. (a) Explain the different steps in costume design for theatre performance.

Or

(b) Explain the importance of space in theatre.

2 $\boxed{\textbf{C–0436}}$

17. (a) Write notes on:

    (i) Cultural space

    (ii) Real space

    Or

    (b) Compare the theatre forms of drama and short story.

18. (a) Write an essay on the theatre of Sleeping beauty.

    Or

    (b) Explain the theatre of Galliver's Travel.

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C–0436

B.Sc. DEGREE EXAMINATION, NOVEMBER 2023.

Sixth Semester

Fashion Design

FASHION MERCHANDISING AND MARKETING

(2016 onwards)

Duration : 3 Hours   Maximum : 75 Marks

Part A $(10 \times 2 = 20)$

Answer **all** questions.

1.   Define marketing.

2.   Give the need for marketing.

3.   What is market research?

4.   What is market segmentation?

5.   What is market mix?

6.   What is sales promotion?

7.   What is market potential?

8.   What is market demand?

9.   What is merchandising?

10.   What is sampling?

Answer **all** questions.

11. (a) Brief about fashion industry and its functions.

Or

(b) What are the key terms in marketing?

12. (a) Explain market research methods.

Or

(b) Explain the need of market research in consumer behaviour.

13. (a) Explain the line and branding decisions.

Or

(b) Describe the media selection in advertising.

14. (a) What are the determinants of market demand?

Or

(b) How do you calculate market estimate?

15. (a) Explain the product merchandising.

Or

(b) Explain 5 P's of merchandising.

Part C (3 × 10 = 30)

Answer **all** questions.

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

Or

(b) Explain the organizational setup in garment industry meant for producing garments woven fabric.

2 $\boxed{\textbf{C–0437}}$

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

Or

(b) Explain about measuring effectiveness of advertisement media.

18. (a) Explain the various methods of forecasting demand of garment products.

Or

(b) Explain the order sheet preparation of a garment product.

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C–0437

C–0438	Sub. Code
	91862

B.Sc. DEGREE EXAMINATION, NOVEMBER 2023.

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 cultural values.

2.   What do you mean by fashion changes?

3.   What is fashion evolution?

4.   What is fashion motivation?

5.   What is visual merchandising?

6.   What is fashion show?

7.   What is classicist fashion designer?

8.   What is idealist fashion designer?

9.   What is world fashion centre?

10.   Name any two designers of Italy.

Part B (5 × 5 = 25)

Answer **all** questions.

11. (a) List the psychological needs of fashion.

Or

(b) Brief about personality and dress on fashion.

12. (a) Explain about the consumer groups in fashion cycles.

Or

(b) Explain about the trickle down fashion theory.

13. (a) Explain the types of interior displays in visual merchandising.

Or

(b) Describe the mannequins and forms used in visual merchandising.

14. (a) Explain the fashion design work of Rohit Khosl.

Or

(b) Explain the fashion design work of Hemant Trivedi.

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

Or

(b) Explain the fashion design work of Paco Rabanne from France.

C–0438

Part C (3 × 10 = 30)

Answer **all** questions.

16. (a) Explain in factors influencing fashion change.

Or

(b) Explain the cultural values in fashion cycles.

17. (a) Explain about fashion forecasting.

Or

(b) Explain about fashion services and resources.

18. (a) Explain the fashion design work of Bhamini Subramaniam.

Or

(b) Explain the fashion design work of Ritu Kumar.

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C–0438

C–1264	Sub. Code
	91813

B.Sc. DEGREE EXAMINATION, NOVEMBER 2023.

First Semester

Fashion Design

INTRODUCTION TO TEXTILES

(2023 onwards)

Duration : 3 Hours   Maximum : 75 Marks

Part A   (10 × 1 = 10)

Answer **all** questions.

1.   TM means ——————
     (a)   Twist multiplier
     (b)   Twist machine
     (c)   Twist magnitude
     (d)   Twist mesh

2.   Single jersey structure can be produce using ——————.
     (a)   Weaving   (b)   Knitting
     (c)   Braiding   (d)   Nonwoven

3.   Silk is a —————— fibre
     (a)   Cellulose   (b)   Man made
     (c)   Protein   (d)   Mineral

4.   ——————— is an example for mineral fibre.

(a) Polyester   (b) Cotton

(c) Nylon   (d) Glass

5.   ——————— fibre is having more lusture.

(a) Silk   (b) Wool

(c) Cotton   (d) Jute

6.   Wool cross section contains ———————

(a) Lumen   (b) Cortex

(c) Primary wall   (d) Secondary wall

7.   Degumming of silk removes

(a) Sizing   (b) Mineral

(c) Sericin   (d) Sap cell

8.   Viscose is an example for ——————— cellulose fibre.

(a) Hemi   (b) Proxy

(c) Multi   (d) Regenerated

9.   ——————— process done to bring whiteness in cotton fabric.

(a) Bleaching   (b) Dyeing

(c) Singeing   (d) Scouring

10.   ——————— process is example for surface embellishment.

(a) Sizing   (b) Embroidery

(c) Bleaching   (d) Desizing

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C–1264

Answer **all** questions.

11. (a) Write short notes on various types of yarn.

Or

(b) Elaborate on nonwoven process.

12. (a) Classify mineral fibres with example.

Or

(b) Classify thermoplastic fibre with examples.

13. (a) Elaborate on microscopic appearance of cotton fibre.

Or

(b) Elaborate on microscopic appearance of silk fibre.

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

Or

(b) Enlist the properties of rayon fibre.

15. (a) List out the importance of desizing process.

Or

(b) List out the need of quality control in sewing department.

Part C (5 × 8 = 40)

Answer **all** questions.

16. (a) Explain the knitting process.

Or

(b) Explain the weaving process.

C–1264

17. (a) Classify natural fibres with suitable examples based on origin.

    Or

   (b) Explain about thermoplastic fibres and its applications.

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

    Or

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

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

    Or

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

20. (a) Explain the different finishing treatments applied to fabric and its needs.

    Or

   (b) Explain the process of converting yarn to fabric with a help of flow chart.

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C–1264