

B.Sc. DEGREE EXAMINATIONS, DECEMBER 2020

APPAREL FASHION DESIGN

FIRST YEAR

FIBER SCIENCE/TEXTILE SCIENCE

Time 3 Hours

Maximum Marks 75

Section- A

Answer all Questions

(5X5=25)

1. Discuss about primary properties of fiber?
2. State the uses and care of cotton and flax
3. Explain a note on wool and silk
4. Compare the properties of viscose and Nylon
5. Explain about physical and chemical properties of Viscose
6. State the uses and care of Polyester and Nylon
7. Summarize about chemical properties of spandex and polyester
8. List any 2 new generation fibers uses and care

Section - B

Answer ALL questions

(5X10=50)

- 9 Explain about textile fibers with their classifications of textile fibers
- 10 Knowledge on manufacturing process of cotton and flax with its uses and care
- 11 Describe about the silk with their manufacturing process and its properties

- 12 Summarize about physical and chemical properties of wool with its manufacturing process
- 13 Write short notes physical and chemical properties of polyester and nylon with its uses and care
- 14 Detail note on manufacturing process of spandex and Micro Denier Polyester
- 15 Elaborate new generation fibers manufacturing process of Lyocel, Modal with its uses and care
- 16 Discuss the physical and chemical Lyocel, Modal and Micro Denier Polyester

B.Sc. DEGREE EXAMINATION - December - 2020

Apparel and Fashion Design

First Year

Textile Science / Fiber Science

Time: 3 Hours

Maximum Marks:70

PART - A

(5X2=10 Marks)

Answer All the questions

1. List out the name of man made fiber.
2. Give the importance of Natural fiber
3. Write the type of hair fiber.
4. Write the types of weaving.
5. Mention the types of Yarn Twist.

PART- B

(4X5=20 Marks)

Answer any FOUR questions

06. Write the properties of Textile fiber
07. Describe the detail about silk manufacturing.
08. Write the notes about minor Hair fiber
09. Explain the details about types of Yarn
10. Describe the details about Types Retting Process
11. Explain the detail about Needle Punching.
12. Describe detail of Types of Knitting

PART- C

(4X10=40 Marks)

Answer any FOUR questions

13. Elaborate the Classification of fibers
14. Describe the details of Cotton fiber processing

15. Write the Manufacturing process of Rayon
16. Explain the sequence of cotton spinning process
17. Write the process involved in weaving process
18. Give the detail notes about Basic Weave
19. Elaborate the detail about Fancy Yarn

B.Sc. DEGREE EXAMINATION – DECEMBER – 2020**Apparel and Fashion Design****First Year****Fundamentals of Apparel Designing****Time : 3 Hours****Maximum Marks : 75****PART – A****(5 x 5 = 25 Marks)****Answer All the questions:**

1. Explain briefly types of grain lines in the fabric.
2. Explain any two types of sleeves.
3. What are types of darts used in a garments?
4. Write about button and button hole.
5. List out the types of pockets.
6. Write short notes on midriff yoke.
7. What is peter pan collar?
8. Write in detail about raglan sleeve.

PART – B**(5 X 10 = 50 Marks)****Answer any FOUR questions:**

9. Explain in detail about seam finishes.
10. Briefly explain about the hem finishes and stitches.
11. Classify sleeves and explain briefly about each.
12. Briefly explain about types of yokes.
13. Explain in details about types of conspicuous.
14. Explain in detail about the classification of collar.
15. Explain about types of sleeves.
16. Briefly explain about the application of shirt collars in a garment with sketch.

B.Sc DEGREE EXAMINATION - December - 2020**Apparel and Fashion Design****First Year****Fundamentals of Apparel Designing**

Time: 3 Hours

Maximum Marks:70

SECTION - A (5X2=10 marks)

Answer All the questions

1. What is Grain?
2. Write the name of some seam finishes
3. Mention the name of some Closures?
4. Define – Sleeve?
5. Write the purpose of Packet

SECTION - B (4X5=20 marks)

Answer any FOUR questions

06. Describe the detail about Hemming?
07. Explain the detail of working of common seams.
08. Elaborate the details about Ruffles.
09. Explain the detail about Tucks and its type
10. Mention the Characteristics of Good Placket
11. Write the short note about Modified Arm Holes in Sleeve
12. Which types of collar is suitable for Children's Garment?

SECTION - C (4X10=40 marks)

Answer any FOUR questions

13. Explain the detail about Tools and Equipment used for sewing.
14. Elaborate the detail about Pleat and its types
15. Give the detail notes about Types of Placket

16. Explain the Classification of Sleeves with suitable Example.
17. Describe the detail about types of openers
18. Explain the Detail of Partial Yoke.
19. Elaborate the Details about Types Pocket.

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BSAD-3

**B.Sc. DEGREE EXAMINATION —
DECEMBER 2020**

First Year

Apparel and Fashion Design

BASIC PATTERN MAKING AND GRADING

Time : 3 hours

Maximum marks : 75

PART A — (5 × 5 = 25 marks)

Answer any FIVE questions.

1. What are all the measurements needed for infant dresses?
2. Write the precautionary steps to be taken before taking measurements.
3. Differentiate Drafting and Draping.
4. Explain about Bespoke method.
5. Define Darts. Explain double sided dart with neat sketch.
6. Explain the importance of design proportion during grading.

7. Describe the two methods of fixing the starting line for grading.
8. How to lay the fabric for even checks and plaids?

PART B — (5 × 10 = 50 marks)

Answer any FIVE questions.

9. Describe in detail the measurements needed for drafting women's dress with neat sketch.
10. What is paper pattern and explain its types.
11. Discuss about the principles and rules to be followed while pattern drafting.
12. Discuss about the styles created by shifting of blouse darts.
13. Define pattern alteration. Give its importance and principles of doing the same.
14. With necessary diagram explain the bodice pattern grading in detail with sleeve.
15. Explain in detail the types of layout available for different types of design.
16. What can be done if the cloth is insufficient for pattern laying and fabric cutting?

B.Sc. DEGREE EXAMINATION - DECEMBER - 2020**APPAREL AND FASHION DESIGN****First Year****BASIC PATTERN MAKING AND GRADING**

Time: 3 Hours

Maximum Marks: 70

SECTION - A (5X2=10 Marks)

Answer All the questions

1. Body Measurement – Define?
2. What is Pattern?
3. Mention the different types of Pattern Making Method
4. What is Pattern alteration?
5. List out the types of Layout.

SECTION - B (4X5=20 Marks)

Answer any FOUR questions

6. List out the Importance Measurements Used for Childrens
7. Describe the details about Standard Measurement.
8. Write detailed note about Principles of Pattern Making
9. How will you convert the dart into seam.
10. Describe the drafting procedure for Sleeve
11. Explain the Grading and Types of Grading in detail.
12. What are the rules involved in Pattern Layout..

SECTION - C (4X10=40 Marks)

Answer any FOUR questions

13. Explain the detail of Relative length and girth Measurement
14. Write preparation steps of paper pattern.
15. Elaborate the advantages and Disadvantages of Paper Pattern
16. Explain the Drafting Procedure of Bodice Pattern.
17. Write the detailed notes of Fitting Techniques
18. Explain the details of computerised Grading
19. Explain the details of Economic Layout with example

B.SC. DEGREE EXAMINATION - DECEMBER - 2020**APPAREL AND FASHION DESIGN****Second Year****EMBROIDERY AND SURFACE ORNAMENTATION**

Time: 3 Hours

Maximum Marks: 75

SECTION - A (5X5=25 Marks)

Answer any FIVE questions

1. Write the general rules of Hand Embroidery.
2. List out the notes of Out Line Stitches.
3. What are the Stitches used for Leaves Design?
4. What is appliqué work?
5. Write the Short notes on Kashmir Motiffs.
6. Brief the Embroidery Stitches of Kasuti Embroidery
7. Give the notes about Machine Embroidery Thread
8. How to care and maintain the Embroidery Articles?

SECTION - B (5X10=50 Marks)

Answer any FIVE questions

9. Explain the details of Tools and Equipment used for Hand Embroidery.
10. Write details of Following Stitches i. Back stitch, ii. Stem stitch iii. Satin Stitches, iv. Chain Stitch
11. Elaborate the detail about i. Mirror work ii. Bead work
12. Describe the details of Rajasthan Embroidery
13. Explain the Traditional Embroidery of Bengal
14. Explain the details of Machine Embroidery.
15. Write the Detailed notes of Computerized Embroidery.
16. How to estimate the cost and Marketing strategies of Embroidery Articles.

B.SC. DEGREE EXAMINATION - DECEMBER - 2020**APPAREL AND FASHION DESIGN****Second Year****EMBROIDERY AND SURFACE ORNAMENTATION**

Time: 3 Hours

Maximum Marks: 70

SECTION - A (5X2=10 Marks)

Answer all the questions

1. What is Embroidery?
2. List out the name of Embroidery tool.
3. Write the type of Filling Stitch.
4. Give the importance of Embroidery Needle
5. Mention the advantages of Machine embroidery.

SECTION - B (4X5=20 Marks)

Answer any FOUR questions

6. Write the general rules of Hand Embroidery.
7. List out the notes of Out Line Stitches.
8. What are the Stitches used for Leaves Design?
9. What is appliqué work?
10. Write the Short notes on Kashmir Motiffs.
11. Brief the Embroidery Stitches of Kasuti Embroidery
12. Give the notes about Machine Embroidery Thread

SECTION - C (4X10=40 Marks)

Answer any FOUR questions

13. Explain the details of Tools and Equipment used for Hand Embroidery.
14. Write details of Following Stitches i. Back stitch, ii. Stem stitch iii. Satin Stitches, iv. Chain Stitch

15. Elaborate the detail about i. Mirror work ii. Bead work
16. Describe the details of Rajasthan Embroidery
17. Explain the Traditional Embroidery of Bengal
18. Explain the details of Machine Embroidery.
19. Write the Detailed notes of Computerized Embroidery.

B.Sc. DEGREE EXAMINATION - DECEMBER - 2020**Apparel and Fashion Design****Sewing Technology****Time: 3 hours****Maximum Marks:75****PART - A****(5X5=25 Marks)****Answer any FIVE questions**

1. What is the purpose of over lock Machine?
2. Write the notes about special attachment of sewing machine.
3. Brief the note about Bobbin and Bobbin Case.
4. Give the notes on Pressure foot.
5. What are the cutting tools and equipments used for garment industry?
6. What is Spreading?
7. List out the pressing Equipment.
8. What is Sewing federal standards?

PART - B**(5X10=50 Marks)****Answer any FIVE questions**

9. Explain the detail of single needle machine.
10. Describe the detail of Care and maintenance of sewing Machines.
11. Elaborate the step by step procedure of stitching Mechanism.
12. Write in detail about the working mechanism of Band Knife Cutting Machine.
13. Explain in detail about the tools and equipment used for Spreading.
14. What is pressing? and explain the types of pressing.
15. Explain the detail of Stitch and Stitch Classification.
16. Elaborate the detail of Sewing Federal standards?

B.SC DEGREE EXAMINATION - DECEMBER - 2020**APPAREL AND FASHION DESIGN****Second Year****SEWING TECHNOLOGY**

Time: 3 Hours

Maximum Marks: 70

PART A - (5X2=25 Marks)

Answer All questions

1. List out some name of Seeing machine attachment
2. Write short notes about Rotary cutting Machine
3. What is Spreading?
4. Give the detail about steam iron.
5. Write short notes about sewing standard

PART B - (4X5=20 Marks)

Answer any FOUR questions

6. What is the purpose of over lock Machine?
7. Write the notes about special attachment of sewing machine.
8. Brief the note about Bobbin and Bobbin Case.
9. Give the notes on Pressure foot.
10. What are the cutting tools and equipments used for garment industry?
11. List out the pressing Equipment.
12. What is Sewing federal standards?

PART C - (4X10=40 Marks)

Answer any FOUR questions

13. Explain the detail of single needle machine.
14. Describe the detail of Care and maintenance of sewing Machines.

15. Elaborate the step by step procedure of stitching Mechanism.
16. Write in detail about the working mechanism of Band Knife Cutting Machine.
17. Explain in detail about the tools and equipment used for Spreading.
18. What is pressing? Explain the types of pressing.
19. Explain the detail of Stitch and Stitch Classification.

B.Sc. DEGREE EXAMINATION - DECEMBER - 2020

APPAREL AND FASHION DESIGN

SECOND YEAR

FASHION DESIGNING

Time: 3 Hours

Maximum Marks:75

PART - A

(5X5=25 Marks)

Answer any FIVE questions

1. Describe the detail about the Elements of Colour
2. Write the Detail about Dimensions of Colour.
3. Explain the requirement of design
4. Give the note of Fashion Accessories.
5. Write the importance of Social aspects in Clothing Design
6. Explain the details of Consumer identified in Fashion Cycle.
7. Mention the note of Fashion Theories Adaption
8. Explain the Fashion Categories.

PART - B

(5X10=50 Marks)

Answer any FIVE questions

9. Explain the detail about the Design and Types of Design.
10. Elaborate the detail about Formal and Informal design with suitable example
11. What is Colour? And explain the Colour theories.
12. Explain the details of Complementary Colour Harmonies
13. Define - Trimming ? and Explain its types.
14. Explain the Stages of Fashion Cycle
15. Elaborate the details about Fashion centre.
16. Write the details of Indian Fashion Design

**B.Sc. DEGREE EXAMINATION –
DECEMBER, 2020.**

**APPAREL AND FASHION DESIGN
SECOND YEAR
TEXTILE PROCESSING**

Time: 3 Hours

Maximum Marks:75

PART-A

(5X5=25 Marks)

Answer any FIVE questions

1. What is Singeing and its types?
2. Write the process of Silk Weighting?
3. Mention the process of Bleaching.
4. Define – Dyeing? and what are the colorant used for dyeing.
5. Explain the process of Garment Dyeing Machine.
6. Differentiate the detail of Printing and Dyeing.
7. Elaborate the process of Batik Printing
8. What Is Transfer Printing?

PART-B

(5X10=50 Marks)

Answer any FIVE questions

9. Explain the Sequence of Textile Processing
10. Elaborate the detail about equipment used for Processing
11. Describe the detail about Mercerization?
12. Explain the classification of Dyeing.
13. Elaborate the detail about Fabric Dyeing Machine
14. Explain the detail about Direct Printing method.
15. What is Screen Printing? Explain its type.
16. Write the Printing method of Ink Jet Printing and Photo Printing.

B.Sc. DEGREE EXAMINATION – DECEMBER - 2020

Apparel and Fashion Design

Third Year

Apparel Standards, Specifications and Quality Control

Time: 3 Hours

Maximum Marks: 75

PART-A

(5X5=25 Marks)

Answer any FIVE questions

1. Define - Quality and its importance.
2. Write the scope of Quality Control
3. Mention the details of Inspection loop.
4. How to train the Quality Control Personnel.
5. Write the Fabric Quality Parameter.
6. Describe the Sampling Plans of Quality.
7. Write the detail of AQL.
8. Give basic Care instruction of fabric.

PART-B

(5X10=50 Marks)

Answer any FIVE questions

9. Explain the detail about Quality Control Standards.
10. Explain the Establishing Quality Standard of Raw Material.
11. Elaborate the details of Establishing Processing Quality control Specification.
12. Describe the details of Quality control Procedure on finished Product.
13. What are the process involved in Quality control of Packing Ware housing and Shipping.
14. Explain the details of Determination of Yarn Quality Parameters
15. Elaborate the Quality Assessment of Accessories.
16. Explain the types and Stages of Inspection.

B.SC. DEGREE EXAMINATION - DECEMBER - 2020**APPAREL AND FASHION DESIGN****Third Year****APPAREL MARKETING AND MERCHANDISING MANAGEMENT**

Time: 3 Hours

Maximum Marks: 75

PART - A

(5X5=25 marks)

Answer any FIVE questions

1. What is Marketing and its types?
2. Write the Marketing Function?
3. Mention the process of Product Development.
4. Define – Fashion advertising? and what are the Process involved it.
5. Explain the role of Advertising Agencies.
6. Give the detail of Organisation structure of an apparel industry.
7. Elaborate the Classification of buyers
8. What Is Process flow in apparel industry?

PART - B

(5X10=50 marks)

Answer any FIVE questions

9. Explain the details of fashion and related cycle in Fashion Business
10. Elaborate the detail about advertising media used in apparel market
11. Describe the detail about Apparel Merchandising.
12. Explain the Export merchandising and retail merchandising.
13. Elaborate the detail about Types of merchandiser and the Functions of a merchandiser
14. Explain the detail about Master planning and Scheduling
15. What is Samples? Explain its type.
16. Write the Order sheet and its contents.

B.Sc. DEGREE EXAMINATION – DECEMBER - 2020**Apparel and Fashion Design****Third Year****Clothing Care****Time: 3 Hours****Maximum Marks: 75****PART-A****(5X5=25 Marks)****Answer any FIVE questions**

1. Describe the detail about the methods of softening water
2. Write the detail about Natural Cleaning Materials.
3. Explain the details of Laundry Blues
4. Give the note of Stiffening Agents.
5. Write the notes of Wash board, suction washer, wash boiler
6. Explain the details of Drying equipments.
7. Mention the note of suction washing
8. Explain the points to be noted in Storing.

PART-B**(5X10=50 Marks)****Answer any FIVE questions**

9. Explain the detail about the Laundry soaps .
10. Elaborate the detail about Other Laundry Reagents
11. What is Bleaching? And explain the Bleaching Agents.
12. Explain the details of washing machine
13. Define - irons? And explain its types.
14. Explain the Laundering of different fabrics of cotton and linen
15. Elaborate the details about Dry cleaning.
16. Write the details of Care labels.

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BSAD-11

B.Sc. DEGREE EXAMINATION – DECEMBER - 2020

APPAREL AND FASHION DESIGN

THIRD YEAR

COMPUTER IN GARMENT INDUSTRY

Time: 3 Hours

Maximum Marks: 75

PART-A

(5X5=25 Marks)

Answer any FIVE questions

1. What is Computer and its classification.
2. Write the detail of computer generations
3. Mention the details of Information flow.
4. List out the parts and Function of Computer.
5. Write the CAD and CAM system.
6. Describe the detail of 2D and 3D forms.
7. Write the detail of process involved in pattern making.
8. Give the notes of Computer application in fabric defect checking.

PART-B

(5X10=50 Marks)

Answer any FIVE questions

9. Explain the role of computer in Apparel Industry.
10. Explain the Types of storage devices of Computer.
11. Elaborate the details of input devices and output devices of Computer.
12. Describe the details of CAD in Textile designing
13. What are the processes involved to Creating embroidery designs
14. Explain the details of process involved in pattern grading
15. Elaborate the Computers in production planning and production scheduling.
16. Explain the detail of computerized sewing machines.