

C-6127

Sub. Code

81623

B.Sc. DEGREE EXAMINATION, APRIL 2022

Second Semester

Fashion and Apparel Merchandising

FABRIC MANUFACTURE

(2019 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Define loop in knitting.
2. List the type of weft knitting.
3. What are the types of stitches?
4. What are the uses of Latch needle?
5. Explain the applications of flat knitting.
6. List the types of warp knitting machines.
7. List the loom classification.
8. What are the uses of Air jet loom?
9. Explain Plain weave.
10. Explain fancy weave.

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Explain the knitting terms.

Or

(b) Explain weft knitting machine working process.

12. (a) What are the elements of knitting?

Or

(b) What are the properties of warp knitted fabric?

13. (a) Explain the process sequence of weaving preparatory process.

Or

(b) What are the major components of the loom?

14. (a) What are the types of weft knitted structure?

Or

(b) Explain the knitting action of Latch needle.

15. (a) What are the basic elements of woven design?

Or

(b) Draw a peg plan of plain and twill weave.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Write about the knitting industry.

Or

(b) Compare the knitting and weaving machine.

17. (a) Explain about the faults in knitted fabric and its causes and remedy.

Or

(b) Explain the warping and sizing process for weaving.

18. (a) Write about the shuttle and shuttle less looms.

Or

(b) Explain the types of weaving with peg plan.

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81624

B.Sc. DEGREE EXAMINATION, APRIL 2022

Second Semester

Fashion and Apparel Merchandising

PRINCIPLES OF PATTERN MAKING

(2019 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Write about merits of pattern making.
2. What are the steps used for fabric cutting?
3. List out any five girth measurements for men.
4. What are the steps used for blouse fitting?
5. Outline the purpose of a dart in sewing.
6. Define ease stitching.
7. What is the purpose of pattern layout?
8. What is the importance of standardizing?
9. Write any five pattern details.
10. What are the types of paper alteration?

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Give an overview on measurements of length and girth.

Or

- (b) Write notes on measurements required for men garment.

12. (a) What are the techniques used for standardizing?

Or

- (b) Explain detail about types of paper patterns.

13. (a) Write about the importance of altering patterns.

Or

- (b) Explain in detail about drafting procedure of back bodice and sleeve.

14. (a) Write a sort note on principles of pattern drafting.

Or

- (b) Write the general principles for pattern alteration.

15. (a) Summarise the methods of transferring pattern making.

Or

- (b) Give details about asymmetric designs.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Briefly explain about standardizing body measurements.

Or

- (b) Explain briefly about pattern making.

17. (a) Explain briefly about bold designs, asymmetric designs and one way designs.

Or

- (b) Explain briefly about purpose and types of layout.

18. (a) Give a brief account on pattern grading.

Or

- (b) Explain detail about stay stitching, ease stitching and transferring pattern making.
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81642

B.Sc. DEGREE EXAMINATION, APRIL 2022

Fourth Semester

Fashion and Apparel Merchandising

HISTORIC COSTUMES AND TEXTILES OF INDIA

(2019 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. What is ikkat?
2. Name for printed textiles in India.
3. List any two Kerala costume.
4. Name any two Bihar costume.
5. List any two Haryana costume.
6. Name any two Madhya Pradesh costume.
7. Give examples for Chola period Jewellery.
8. Give examples for Tribal Jewellery.
9. Name few types of embroidery.
10. What is the embroidery used in Karnataka?

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Explain about Kalamkari design.

Or

- (b) Write a note on Baluchar design.

12. (a) Discuss on Mizoram costumes.

Or

- (b) Describe on Assam costumes.

13. (a) Describe on Gujarat costumes.

Or

- (b) Discuss on Madhya Pradesh costumes.

14. (a) Write a note on pallava period Jewellery.

Or

- (b) Discuss on Mauryan period Jewellery.

15. (a) Write a note on chicken work embroidery.

Or

- (b) Describe Kashmir embroidery.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Explain patola and ikkat techniques.

Or

(b) Discuss on Andhra and Karnataka costumes.

17. (a) Explain the temple jewellery of Tamil Nadu.

Or

(b) Discuss on Jammu and Kashmir costumes.

18. (a) Describe Kutch and Kathiawar embroidery.

Or

(b) Explain Phulkari and Kantha embroidery.

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Sub. Code

81643

B.Sc. DEGREE EXAMINATION, APRIL 2022.

Fourth Semester

Fashion and Apparel merchandising

APPAREL AND QUALITY CONTROL

(2019 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. What is the concept of Quality?
2. What is dimension of quality?
3. Explain quality control
4. What is Check Sheet?
5. Define — Input /output process model
6. What is Juran's trilogy?
7. What is inspection?
8. What is fabric inspection
9. What is ISO 14000?
10. What is social audit?

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Illustrate the elements of quality.

Or

- (b) How will you determine optimum cost performance?
– Explain.

12. (a) Analyze and compare the seven tools of quality

Or

- (b) Illustrate the flow chart in QC.

13. (a) Explain about the PDCA Cycle 5w2H method.

Or

- (b) Explain Six Sigma principle.

14. (a) Illustrate the various types of inspections.

Or

- (b) Illustrate the assessment of spreading cutting and sewing.

15. (a) Explain in detail about the quality procedure in apparel industry.

Or

- (b) Analyze about the latest certification in ISO series.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Enumerate the trend analysis in quality control programme.

Or

- (b) Illustrate the quality control programme in apparel industry.

17. (a) Illustrate Kaizan — Bench marking with examples.

Or

- (b) Analyze failure mode analysis with suitable examples.

18. (a) Illustrate the sewing thread, accessories and interlining with QC principles.

Or

- (b) Illustrate the quality manual and its contents.

C-5096

Sub. Code

81653A

B.Sc. DEGREE EXAMINATION, APRIL 2022

Fifth Semester

Fashion and Apparel Merchandising

VISUAL MERCHANDISING

(2019 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. List down the advantages of visual merchandising.
2. Differentiate between merchandising and visual merchandising.
3. When the diagonal lines are used during display?
4. What do you meant by 'rhythm'?
5. What is 'one item display'?
6. What is 'institutional display'?
7. What is 'exterior sign'?
8. Write short note on 'seasonal window display'.
9. List any two journals related to apparel.
10. Tell any two objectives of apparel export promotion council.

Part B

(5 × 5 = 25)

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

11. (a) Discuss the responsibilities of visual merchandiser.

Or

- (b) Elaborate the functions of visual merchandising.

12. (a) Differentiate between promotional and institutional display.

Or

- (b) Explain attention drawing devices.

13. (a) Elaborate on boutique layout.

Or

- (b) Explain forced path layout.

14. (a) Explain the concept of store design.

Or

- (b) Discuss the importance of display setting.

15. (a) Explain the scope and importance of advertising.

Or

- (b) Explain the role of export associations in apparel business.

Part C

(3 × 10 = 30)

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

16. (a) Explain types of display settings.

Or

- (b) Elaborate the types of lines and composition used for window display.

17. (a) Explain the types of store layout.

Or

- (b) Explain how to manage customer navigation in a retail store.

18. (a) Explain types of interior and exterior design.

Or

- (b) What are all the points to be consider during merchandise display?

C-6134

Sub. Code

81661

B.Sc. DEGREE EXAMINATION, APRIL 2022

Sixth Semester

Fashion and Apparel Merchandising

FASHION CLOTHING PSYCHOLOGY

(2019 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Define clothing.
2. Mention the types of designers.
3. What is fashion followers?
4. Define trends.
5. What is merchandising?
6. Mention the types of display.
7. What is high fashion?
8. Compare stylist with freelance designer.
9. Define wardrobe planning.
10. What is planogram.

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Write short note on fashion change.

Or

- (b) Explain the role of costume as repetition of fashion.

12. (a) Explain fashion cycle with diagram.

Or

- (b) Discuss about fashion forecasting.

13. (a) Discuss about the elements of visual merchandising.

Or

- (b) Explain about tools and techniques of merchandising.

14. (a) Explain about the contribution of Indian fashion designer to the world fashion.

Or

- (b) Discuss about Ritu Kumar and Abu Jani contribution as fashion designer.

15. (a) Describe the components of display.

Or

- (b) What are the factors that affect ward to be planning?

Part C

(3 × 10 = 30)

Answer **all** question.

16. (a) Give a detailed account on Indian fashion designers.

Or

- (b) Explain the role of customers as a status symbol.

17. (a) Explain about the elements of display.

Or

- (b) Explain in detail the various types of designers.

18. (a) Explain about the forecasting agencies in detail.

Or

- (b) Explain about the components of display.

C-6135

Sub. Code

81662

B.Sc. DEGREE EXAMINATION, APRIL 2022.

Sixth Semester

Fashion and Apparel Merchandising

**ENTREPRENEURSHIP AND BUSINESS
DEVELOPMENT**

(2019 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Define entrepreneurship.
2. What are the three types of enterprise?
3. What are the objectives of EDP?
4. What are the role of Govt. in EDP?
5. Compare marketing and sales.
6. Where could someone get ideas regarding new project?
7. Name any two institution that help entrepreneurs financially.
8. What do you know about textile entrepreneur?
9. Define business plan.
10. List the factors affecting growth of entrepreneurship.

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Discuss about the successful entrepreneur.

Or

- (b) What are the types of entrepreneur? Explain in detail.

12. (a) Explain the various training and development programmes for Entrepreneur.

Or

- (b) Give a detailed note on Entrepreneur v/s Manager.

13. (a) Discuss about the market planning.

Or

- (b) Explain about the income and expenditure in project report.

14. (a) Write a note on problems in textile entrepreneurship.

Or

- (b) Discuss about the Govt. scheme for promoting textile entrepreneur.

15. (a) Explain about prospects of textile industry.

Or

- (b) Write a note on stories of successful textile entrepreneur.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Explain the factors influencing in entrepreneurial promotion.

Or

- (b) Explain the reservation for micro, small and medium industry.

17. (a) What are the role of government in promoting textile entrepreneur? Explain in detail with example.

Or

- (b) Discuss about the project feasibility report preparation and evaluation for a business plan.

18. (a) How are projects classified? Explain the criteria for classification.

Or

- (b) Identify a new product of your choice. How would you launch the new product that you had chosen for your venture?

C-6136

Sub. Code

81663A

B.Sc. DEGREE EXAMINATION, APRIL 2022

Sixth Semester

Fashion and Apparel Merchandising

TECHNICAL TEXTILE

(2019 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Name any two high performance fibres with suitable application.
2. Compare para and meta aramid fibres.
3. Name the preferred application of hollow fibre.
4. What is surgical textile?
5. Identify the property requirements for military protective clothing.
6. Analyze the effect of fabric weave pattern on filter fabric performance.
7. Differentiate geosynthetic from geotextile.
8. List the objectives of military combat system.
9. List the role of textiles in hiking goods.
10. List the properties of microfibre in sports application.

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Explain about aramid fibres.

Or

(b) Describe about various type of technical textiles.

12. (a) Discuss the fibres used in hygiene applications.

Or

(b) Discuss the textiles material used as implantable materials.

13. (a) Discuss the essential properties of geotextile.

Or

(b) Explain the mechanism of solid / liquid filtration.

14. (a) Discuss in brief the main functional criteria for military protective textile.

Or

(b) Choose fibre and fabric structure for electrical protective textiles.

15. (a) Discuss the technical requirements for sports wear.

Or

(b) Discuss about camping and Hiking.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Explain the scope of technical textile in India.

Or

(b) Discuss the properties and application of aramid and glass fibres.

17. (a) Discuss the fibres and fabric structures used as agro textile.

Or

(b) Discuss the composition of wound care material and their functions.

18. (a) Explain the textile material used for fire and chemical protection.

Or

(b) Discuss fibre, fabric and compositions for sports clothing.

C-6137

Sub. Code

81663B

B.Sc. DEGREE EXAMINATION, APRIL 2022

Sixth Semester

Fashion and Apparel Merchandising

NON WOVEN

(2019 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Define nonwoven based on INDA.
2. Give any four raw material for nonwoven production.
3. What is mixing?
4. What is the purpose of carding process?
5. Mention the types of mechanical bonding process.
6. What are chemical binders?
7. Give the process sequence of spun bond process.
8. What is the purpose of extruder?
9. What are the types of finishes?
10. How to apply finishing agent to the nonwoven?

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Describe the elements of nonwoven.
Or
(b) Discuss about the raw material used in production of nonwoven.
12. (a) Explain the fibre opening and mixing processes.
Or
(b) Discuss about carding process.
13. (a) Discuss about thermal bonding process.
Or
(b) Explain the methods of binder applications.
14. (a) Explain about the raw material used in spun bond process.
Or
(b) What are the key process factors in spun bond technology?
15. (a) Explain any two mechanical finishes.
Or
(b) Discuss about chemical finishes.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Explain with neat sketch of cross laid web forming process.
Or
(b) Discuss in detail the basic nonwoven process and their sequence.

17. (a) Explain the working principle of Needle punched nonwoven process.

Or

(b) Explain the various chemical bonding process.

18. (a) Explain about Melt blown process with neat sketch.

Or

(b) Discuss in detail the methods of applying mechanical finishes.

C-5664

Sub. Code

**16/17/23/25/
26/27/29**

**Common for All U.G. B.Sc./B.B.A. DEGREE
EXAMINATION, APRIL 2022**

First/Second Semester

ENVIRONMENTAL STUDIES

(2019/2020 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** the questions.

1. ZSI.
2. WII.
3. What is renewable energy?
4. Food web.
5. Pyramid of numbers in aquatic ecosystem.
6. Red data book.
7. List out any five Endemic species of India.
8. List out marine pollutants.
9. *Ex Situ* Conservation.
10. Enlist Option Values of Biodiversity.

Part B

(5 × 5 = 25)

Answer **all** the questions.

11. (a) Write notes on definition, scope and importance of environmental studies.

Or

- (b) Write notes on soil erosion and desertification.

12. (a) Write notes on energy flow in the ecosystem.

Or

- (b) Write notes on threads to biodiversity.

13. (a) Write notes on Biodiversity at Global, National and Local levels.

Or

- (b) Write notes on various strategies of conservation of Biodiversity.

14. (a) Write notes on ecological pyramids.

Or

- (b) Write notes on air pollution.

15. (a) Write notes on noise pollution.

Or

- (b) Write notes on effects and control measures of nuclear hazards.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Write an essay on the multidisciplinary nature of Environmental Studies.

Or

- (b) Write an essay on the following resources with special emphasis to how they are overexploited/utilized which in turn damage the environment, (i) Forest Resources and (ii) Food Resources.

17. (a) Write an essay on “India is a mega-diversity nation”.

Or

- (b) Write an essay on Biodiversity and their values.

18. (a) Write an essay on causes, effects and control measures of (i) Marine Pollution and (ii) Water Pollution.

Or

- (b) Write an essay on concept, structure and function of ecosystem.