

F-9094

Sub. Code

7BFC2C1

B.Sc. DEGREE EXAMINATION, APRIL 2023

Second Semester

Fashion Technology And Costume Designing

TEXTILE SCIENCE

(CBCS – 2017 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Name two recent textile fibers
2. State the uses of Wool
3. Yarn – Define
4. Define yarn count
5. Name four woven fabric defects
6. What is sizing?
7. Define knitting
8. Course – Describe
9. Define non woven
10. State the uses of felt

Part B

(5 × 5 = 25)

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

11. (a) Classify textile fibers

Or

(b) Describe the chemical properties of Jute

12. (a) Explain about types of yarn twist.

Or

(b) Write a note on Airjet and twistless spinning.

13. (a) Explain about the types of selvage

Or

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

14. (a) Write about Raschel and its characteristics

Or

(b) Name and explain the common knitted fabric defects.

15. (a) Explain the felting process

Or

(b) Explain the web forming techniques of non wovens.

Part C

(3 × 10 = 30)

Answer any **three** questions.

16. How is cotton manufactured?
 17. Elaborate on types of novelty yarns.
 18. Explain about the basic weaves.
 19. Explain the weft knitted structures.
 20. Classify non wovens.
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F-9095

Sub. Code

7BFC4C1

B.Sc. DEGREE EXAMINATION, APRIL 2023

Fourth Semester

Fashion Technology and Costume Designing

TEXTILE DYEING AND PRINTING

(CBCS – 2017 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. What is PPM?
2. What is carbonizing?
3. What are mordants?
4. List the dyes suitable for silk.
5. What is crocking?
6. What is a hank?
7. Name two thickening agents.
8. What is printing?
9. Describe the table used for block printing.
10. What is batik printing?

Part B

(5 × 5 = 25)

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

11. (a) Write a note on water hardness and its types.

Or

- (b) Discuss about the quality of water required for wet processing.

12. (a) Write about reactive dyes.

Or

- (b) Write a note on Disperse dyes.

13. (a) How will you test colorfastness to washing?

Or

- (b) Write a note on winch dyeing.

14. (a) How will you prepare a silk fabric for printing?

Or

- (b) Differentiate printing from dyeing.

15. (a) Explain ink jet printing and describe its merits.

Or

- (b) What is a stencil? Explain the process of stencil printing

Part C

(3 × 10 = 30)

Answer any **three** questions.

16. Explain briefly about the various preparatory steps in wet processing.
 17. Elaborate on natural dyes, its advantages and disadvantages.
 18. Explain the various stages of dyeing textiles.
 19. How will you prepare a printing paste?
 20. Explain tie and dye and its various techniques.
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F-9097

Sub. Code

7BFC6C1

B.Sc. DEGREE EXAMINATION, APRIL 2023

Sixth Semester

Fashion Technology and Costume Designing

TEXTILE TESTING

(CBCS – 2017 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Define Humidity.
2. State the need for conducting tests under standard atmospheric condition.
3. List the equipments used for measuring Fiber length.
4. State the importance of fiber maturity.
5. What is the use of Beesley balance?
6. Define yarn count.
7. Define Abrasion.
8. What is breaking strength?
9. How is drapability of a fabric expressed?
10. What is wicking?

Part B

(5 × 5 = 25)

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

11. (a) What is moisture content and moisture regain? Explain.

Or

- (b) How does humidity influence fiber properties?

12. (a) How will you determine the trash in a given sample?

Or

- (b) Describe a Micronaire.

13. (a) Write a note on amount of twist.

Or

- (b) Describe a Shirley crimp tester.

14. (a) Describe a Martindale pill box tester.

Or

- (b) How will you test the bursting strength of a fabric?

15. (a) How will you test the absorbency of a fabric?

Or

- (b) Explain water repellency tester.

Part C

(3 × 10 = 30)

Answer any **three** questions.

16. Describe a wet and dry bulb hygrometer. Also explain its working principle.

17. How will you determine fiber strength?

18. How is Evenness of yarn determined using uster evenness tester?
 19. How will you determine the tearing strength of a fabric?
 20. How is Stiffness of a fabric determined?
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F-9098

Sub. Code

7BFC3E1

B.Sc. DEGREE EXAMINATION, APRIL 2023

Sixth Semester

Fashion Technology and Costume Designing

Elective : GARMENT QUALITY AND SPECIFICATION

(CBCS – 2017 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Write the scope of Quality Control.
2. What is 4 -point system?
3. How will you train the quality Control Personnel.
4. What is the need for Packaging?
5. What is meant by analysing?
6. Mention any two points in qualitative production analysis.
7. List any four production system.
8. Illustrate Flow process grid for T-Shirt.
9. Define Cost.
10. What is meant by SCS?

Part B

(5 × 5 = 25)

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

11. (a) Write short notes on establishing merchandising standards.

Or

- (b) Explain Quality control aspects of Zippers.

12. (a) Discuss about Quality Control Inspection.

Or

- (b) Write short notes on Quality Control and government contracts.

13. (a) What is meant by quality specifications? and Explain it.

Or

- (b) Explain Co-ordinating departmental activities.

14. (a) How will you evaluate the production system?

Or

- (b) Write short notes on Scheduling.

15. (a) Describe about types of cost and expenses.

Or

- (b) Explain Cost Ratio Policies.

Part C

(3 × 10 = 30)

Answer any **three** questions.

16. Elaborate on inspection system.
 17. Explain Quality Control for warehousing and shipping.
 18. Write a detailed note on distribution of documents and records.
 19. Give an account on types of control forms.
 20. Briefly explain Apparel manufacturing Cost Categories.
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F-9099

Sub. Code

7BFC3E2

B.Sc. DEGREE EXAMINATION, APRIL 2023.

Sixth Semester

Fashion Technology and Costume Designing

**Elective: INDIAN TRADITIONAL TEXTILES AND
EMBROIDERY**

(CBCS – 2017 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. What is tattooing?
2. What was the specialty of costumes of Satvahana period?
3. Mention the costumes of Punjab
4. What is Mundu?
5. What motifs are used in Phulkari embroidery?
6. What is the specialty of Kantha embroidery?
7. What are brocades?
8. Discuss about the colours used in do-rokha shawl
9. What is the specialty of the colourant used in Roghan work?
10. What is Ikat?

Part B

(5 × 5 = 25)

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

11. (a) Describe the costumes of Kushan period.

Or

- (b) Discuss the costumes of Indus valley civilization

12. (a) Discuss about the traditional costumes of TamilNadu.

Or

- (b) Describe the female costumes of Jammu and Kashmir.

13. (a) Write about the Kutch embroidery

Or

- (b) Discuss on the embroidery style of Lucknow.

14. (a) Write a note on Kashmiri shawls.

Or

- (b) Write a note on Amrus and Himrus.

15. (a) Explain about the painted textiles of India.

Or

- (b) Describe Mashru fabric.

Part C

(3 × 10 = 30)

Answer any **three** questions.

16. Discuss about the costumes from earliest times to the beginning of historical period.

17. Describe the costumes of Uttar Pradesh.

18. Write an elaborate note on the embroidery of Karnataka.
 19. Explain about any two woven textiles of India.
 20. Explain in detail about Kalamkari and its printing methodology.
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