F–4607	Sub. Code
	7BFC3E1

B.Sc DEGREE EXAMINATION, APRIL 2021 &

Supplementary/Improvement/Arrear Examinations

Sixth Semester

Fashion Technology And Costume Designing

Elective – GARMENT QUALITY AND SPECIFICATIONS

(CBCS – 2017 onwards)

Time : 3 Hours Maximum : 75 Marks

Part A (10 × 2 = 20)

Answer **all** questions.

1. Define quality.
2. How will you check the quality of a sewing thread?
3. Mention the points to be consider in quality control of finishing garment.
4. What is Sampling?
5. Write any four functions of production control.
6. Give the quality specifications of spreading.
7. Name any two production system.
8. Illustrate flow process grid construction for a T. Shirt.
9. What is Cost control.
10. What is meant by sales cost control?

Part B (5 × 5 = 25)

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

11. (a) Write short note on scope of quality control.

Or

(b) Give an account on establishing raw material quality control specification.

12. (a) Write short notes on training quality control personnel.

Or

(b) Discuss about warehousing and shipping.

13. (a) What is production analysis? Explain

Or

(b) Discuss about distribution of documents and records.

14. (a) Explain principles for choosing a production system.

Or

(b) How will you produce many styles consecutively in one line?

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

Or

(b) What is cash flow control and explain.

Part C

(3 × 10 = 30)

Answer any **three** questions.

16. Elaborate on four point system.

17. Give an account on establishing processing quality specification.

18. Briefly explain scope of apparel manufacturing activity.

19. Write a detailed note on flow process grids for production control.

20. Explain standard cost sheet in detail.

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F–5630

Sub. Code
7BFC2C1

B.Sc. DEGREE EXAMINATION, APRIL 2021 &

SUPPLEMENTARY / IMPROVEMENT / ARREAR EXAMINATIONS

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 fibres.

2. State the uses of Jute.

3. Define Spinning.

4. What do you mean by Yarn count?

5. Name four woven fabric defects.

6. What is the need for sizing?

7. Define Knitting.

8. Explain rib stitch.

9. Define Non wovens.

10. What is a Web?

Part B (5 × 5 = 25)

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

11. (a) Classify textile fibers based on their origin.

Or

(b) State the chemical properties of Wool.

12. (a) Write a note on twist less spinning.

Or

(b) Explain the chemical spinning methods.

13. (a) Explain the primary motions of a loom.

Or

(b) Explain the parts of a loom.

14. (a) Compare woven and knitted fabric.

Or

(b) Name and explain a few knitted fabric defects.

15. (a) How are non wovens classified?

Or

(b) Explain the bonding techniques in non wovens.

Part C (3 × 10 = 30)

Answer any **three** questions.

16. Explain the manufacturing of Rayon fiber.

17. Explain in detail about novelty yarns.

18. Classify weaves and explain any two.

19. Explain about warp knitted structures.

20. Explain in detail the felting process, properties and uses of felt.

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F–4606

Sub. Code
7BFC6C1

B.Sc. DEGREE EXAMINATION, APRIL 2021 &

Supplementary/Improvement/Arrear Examinations

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. What is moisture regain?
3. Name the equipment used to measure fiber length.
4. Is fiber maturity important? Why?
5. What is crimp?
6. Define twist.
7. What is pilling?
8. Suggest fabrics for which bursting strength must be tested.
9. What is sinking test?
10. What is thermal conductivity?

Part B (5 × 5 = 25)

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

11. (a) Write a note on standard testing atmosphere.

Or

(b) Explain

(i) Standard regain

(ii) Moisture content

12. (a) Write a note on fibre strength.

Or

(b) Explain about fiber fineness tester.

13. (a) Explain the principle of Uster evenness tester.

Or

(b) Discuss about the effect of twist on fabric properties.

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

Or

(b) Explain the types of abrasion.

15. (a) Write about water repellency.

Or

(b) Explain a drapemeter.

Part C

(3 × 10 = 30)

Answer any **three** questions.

16. How can you measure the atmospheric condition using sling hygrometer?

17. Explain in detail the working principle of Shirley trash analyser.

18. How will you determine the yarn count of a yarn?

19. How will you test the tensile strength of a fabric?

20. Explain crease recovery and explain with a neat sketch the crease recovery tester.

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F–5631

Sub. Code
7BFC4C1

B.Sc. DEGREE EXAMINATION, APRIL 2021 &

SUPPLEMENTARY / IMPROVEMENT / ARREAR EXAMINATIONS

Fourth Semester

Fashion Technology and Costume Designing

TEXTILE DYEING AND PRINTING

(CBCS – 2017 onwards)

Time : Three Hours Maximum : 75 Marks

Part A (10 × 2 = 20)

Answer **all** questions.

1. Define water hardness.
2. What is the objective of singeing?
3. Name the different mordanting techniques
4. State four disadvantages of natural dyes
5. What is stock dyeing?
6. Name two recent developments in dyeing technology
7. Name four ingredients of a printing paste
8. Give two differences between dyeing and printing
9. What is resist printing?
10. Design a motif suitable for stencil

Part B (5 × 5 = 25)

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

11. (a) Discuss about the quality of water required for wet processing industries.

Or

(b) Explain the enzymatic desizing process.

12. (a) Classify dyes with suitable examples.

Or

(b) Write a note on Natural dyes.

13. (a) With a neat diagram explain jigger dyeing.

Or

(b) Explain the process of package dyeing.

14. (a) Explain the different methods of printing.

Or

(b) Write a note on the selection of thickening agents.

15. (a) Explain heat transfer printing.

Or

(b) Explain the tools and equipments required for tie and dye.

Part C

$(3 \times 10 = 30)$

Answer any **three** questions.

16. Write a detailed note on Mercerisation.

17. Explain any four synthetic dyes.

18. Explain the various colorfastness tests in detail.

19. How will you prepare cotton fabric for printing?

20. Explain in detail about screen printing.

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