

<b>F-1625</b>
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<b>Sub. Code</b>
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<b>7BFC2C1</b>
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**B.Sc. DEGREE EXAMINATION, APRIL 2019**

**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. Write any two natural fibers.
2. Illustrate Longitudinal section at wool fibre.
3. Define carding.
4. What is yarn count?
5. Give the secondary motions of the loom.
6. Write the types of twill.
7. Mention the needles used in knitting.
8. Write a note on plain knit.
9. Define felting.
10. What is needle punching?

**Part B**

(5 × 5 = 25)

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

11. (a) Explain about primary properties of textile fibres.  
Or  
(b) Write short notes on properties and uses of polyester fibre.
12. (a) Discuss about chemical spinning.  
Or  
(b) Explain about Airjet spinning and twisters spinning.
13. (a) What are the primary motions of the loom? Explain it.  
Or  
(b) Write a brief note on selvedge and its types.
14. (a) Write short notes on knitting concepts.  
Or  
(b) Explain (i) Rachel (ii) Milanese knit.
15. (a) Write short notes on properties and uses of felt.  
Or  
(b) Describe about bonding techniques of nonwovens.

**Part C**

(3 × 10 = 30)

Answer any **three** questions.

16. Write a detailed account on manufacturing process of viscose rayon.
17. Give a brief account on types of yarns.

18. Discuss about plain weave and its variations.
  19. Enumerate Weft knitting.
  20. Classify – nonwoven fabrics.
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<b>7BFC3C1</b>
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**B.Sc. DEGREE EXAMINATION, APRIL 2019**

**Third Semester**

**Fashion Technology and Costume Designing**

**PRINCIPLES OF PATTERN MAKING**

**(CBCS – 2017 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

1. How will you measure front waist length?
2. List the marking tools.
3. What is true bias?
4. Which type of layout is suitable for six gore skirt?
5. Write any two advantages of paper pattern.
6. What is flat pattern technique?
7. Give any two grading techniques.
8. What is computerised grading?
9. Write the importance of pattern alteration.
10. What is meant by balance?

**Part B**

(5 × 5 = 25)

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

11. (a) Write short notes on childrens measurement.

Or

- (b) Illustrate and explain the measuring tools.

12. (a) Write short notes on importance of grain in fabric cutting and garment construction.

Or

- (b) Explain about rules to be remembered in pattern layout.

13. (a) How will you draft basic sleeve?

Or

- (b) Explain about creating styles through dart manipulation.

14. (a) Write short notes on commercial patterns.

Or

- (b) Write the advantages and disadvantages of grading.

15. (a) Write short notes on pattern alteration.

Or

- (b) Write any two fitting problems in a blouse and its remedies.

**Part C**

(3 × 10 = 30)

Answer any **three** questions.

16. Give an account on cutting tools with neat diagram.
  17. Explain about various methods of transferring pattern markings.
  18. Write a detailed account on preparation of adhesive paper dressform.
  19. Elaborate on pattern grading.
  20. Explain common pattern alteration in a blouse
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**B.Sc. DEGREE EXAMINATION, APRIL 2019**

**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. Define water hardness.
2. State the objectives of scouring
3. What is a mordant?
4. List the dyes suitable for protein fibres.
5. What do you understand by the term colourfastness?
6. What is meant by stock dyeing?
7. Define printing.
8. What is the purpose of thickening agents?
9. What is a squeeze?
10. Differentiate discharge printing from resist printing.

**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) Write a note on degumming.

12. (a) Classify dyes.

Or

- (b) Write a note on direct and vat dyes.

13. (a) Discuss the recent developments dyeing.

Or

- (b) Describe the various colourfastness tests.

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

Or

- (b) Differentiate between dyeing and printing.

15. (a) Design a motif suitable for stencil printing and explain the types of stencil printing.

Or

- (b) Write about heat transfer printing.

**Part C****(3 × 10 = 30)**Answer any **three** questions.

16. Explain in detail about the objectives, process, and types of desizing.

17. Elaborate on natural dyes.



18. Explain in detail about winch and jigger dyeing.
  19. Explain in detail about the preparation of printing paste.
  20. Explain in detail about tie dye and its techniques.
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