

TB221010V

Reg. No : .....

Name : .....

**B. Sc. DEGREE (C.B.C.S.) EXAMINATION, NOVEMBER 2022**

**(2022 Admissions (regular) 2021 Admissions (Improvement / Supplementary), 2020, 2019, 2018, Admissions  
Supplementary)**

**SEMESTER I - COMPLEMENTARY COURSE 1 (APPAREL AND FASHION DESIGN)**

**FD1C01B18 - FABRIC SCIENCE**

**Time : 3 Hours**

**Maximum Marks : 80**

**Part A**

**I. Answer any Ten questions. Each question carries 2 marks**

**(10x2=20)**

1. What is called wicking ?
2. What are man made fibers ? Give two examples .
3. Differentiate between carding and combing.
4. What is called crimp?
5. What are chenille yarns?
6. What is meant by balance of a cloth?
7. What is called shedding ?
8. What are weft knits ? Give two examples for weft knit fabrics.
9. Write on creasing and moirering.
10. Give examples for two basic routing finishes.
11. Describe heat transfer printing.
12. What is an ikat?

**Part B**

**II. Answer any Six questions. Each question carries 5 marks**

**(6x5=30)**

13. What are glass fibers? Write the uses of glass fiber.
14. Explain briefly how rayon is manufactured and give the uses of rayon fiber .
15. Explain how will you identify textile fibers through burning test.
16. Describe the modern methods of spinning textile fibers.
17. Plot a 2/1 right hand twill weave and 4/4 basket weave.
18. Elaborate on different types of knitting with suitable examples.
19. Give an account on bleaching and types of bleaches used on fabrics.
20. Write on Reel , Jig and Pad dyeing.
21. Explain the different stages of dyeing textile materials.

**Part C**

**III. Answer any Two questions. Each question carries 15 marks**

**(2x15=30)**

22. Explain in detail how silk fiber is produced. Briefly describe the uses and care of silk fiber.
23. Elaborately explain the different types of fancy weaves.
24. Explain the basic routine finishes given to textile fabrics.
25. Describe in detail classification of textile dyes.