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II Semester B.Sc. (Theory) Degree Examination, June/July - 2026**FASHION AND APPAREL DESIGN****Fabric Science****(SEP Scheme F+R)****Paper : FAD 2.1T****Time : 3 Hours****Maximum Marks : 80****Instructions to Candidates:**

1. All sections are compulsory.
2. Illustrate wherever necessary.

SECTION - A**I. Answer any Ten of the following questions.****(10×2=20)**

1. Define weaving.
2. What are heald shafts?
3. Name three basic weaves.
4. Define yarn count.
5. List the variations of twill weave.
6. Write the uses of terry pile fabrics.
7. Define Knitting.
8. Define fabric grain and write its importance.
9. What are crepe fabrics? Give examples.
10. State the objectives of sizing.
11. Depict 2/2 basket weave.
12. What are Non-Woven fabrics? Give examples.

**[P.T.O.]**

**SECTION - B****II. Answer any Five of the following questions.****(5×4=20)**

13. Explain primary and secondary motions of a loom.
14. State the difference between woven and Knitted fabrics.
15. Draw design, drafting and lifting plan for a 2/2 twill weave.
16. What is Selvedge? Explain type of Selvedges.
17. Write the properties of Twill weave.
18. Write a note on georgette and chiffons fabrics.
19. Give the loop diagram for single Jersey and rib weft Knitted fabric.

SECTION - C**III. Answer any Five of the following questions.****(5×8=40)**

20. Give the design, drafting, lifting and denting plan for Five end Safin weave.
 21. Describe the properties and uniqueness of Khadi fabric.
 22. State differences for handloom and power loom.
 23. Explain the importance of geometrical parameters of woven fabrics.
 24. Explain any two methods of manufacturing of Non-Woven fabrics.
 25. Sketch a loom and Label the parts.
 26. Write the advantages and disadvantages of Knitted fabrics.
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