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I Semester B.Sc. Degree Examination, December/January - 2025/26**FASHION AND APPAREL DESIGN****Textile Science****(NEP Scheme (Repeater) 2021-22 onwards)****Paper : FD 1.1T****Time : 2½ Hours****Maximum Marks : 60****Instructions to Candidates:**

1. All Sections are compulsory.
2. Support answer with suitable example.

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

1. Mention any two characteristics of Banana fibre
2. List any 4 uses of Nylon fibre
3. Define polymerization.
4. What is Blend? Give an example.
5. Define count of a yarn.
6. Mention any 4 characteristics of power loom fabric.
7. List out the salient features of Twill Weave.
8. Classify the Knitted fabric.
9. List out any four enduses of needle punch fabric.
10. Expand GSM/LHT and RHT.
11. What is twist? Give an example.
12. Define crepe fabric.

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

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

13. Write a short note on polyester fibre.
14. Explain Home polymer and Co polymer with an example.
15. What is carding? Explain its importance in spinning.
16. Write a note on novelty yarns.
17. Explain with an example warp knittings.
18. List out the elementary weaves and explain any one.
19. What are synthetic fibers discuss their properties.

SECTION - C**III. Answer any four of the following questions.****(4×5=20)**

20. Define chemical properties and physical properties of cotton fibre.
21. Give the design, draft in plan and lifting plan of RHT twill weave.
22. Write a short note on
 - a) Pile fabric
 - b) Georgette
23. What is non-woven fabric. Explain non woven in explain the properties and enduses.
24. Give the classification of Fabric.
25. Differentiate between Rotor and Ring spinning.

REFERENCE