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I Semester B.Sc. (FAD) Degree Examination, December/January - 2025/26
FASHION AND APPAREL DESIGN
Fiber and Yarn Science
(SEP Scheme F+R 2024-25 Onwards)
Paper- 1.1T

Time : 3 Hours

Maximum Marks : 80

Instructions to Candidates:

- 1) All the Sections are Compulsory**
- 2) Illustrate wherever necessary**

SECTION - A

I. Answer any Ten of the following questions.

(10×2=20)

1. Define Cellulosic fibres. Give examples
2. Mention the end uses of Polyester
3. Define yarn twist
4. List end uses of Acrylic fibre.
5. Give two differences for Woolen and Worsted yarn
6. Define tex count
7. What is filament yarn? Give example.
8. What are Elastomeric fibres? Give example
9. Define blends
10. What is Resiliency?
11. Name any two properties of Sewing threads
12. Mention the uses of Banana fibres.

SECTION - B

II. Answer any Five of the following

(5×4=20)

13. Explain the general properties of textile fibres.
14. State the properties and endures of synthetic fibres.

REFERENCE



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15. Write a note on Bamboo fibres.
16. Differentiate between Ring spinning and open end spinning.
17. State the objectives of Carding process.
18. Write a note on fancy yarns
19. Explain types of yarn count system.

SECTION - C

III. Answer any Five of the following.

(5×8=40)

20. Discuss in detail the production, properties and end uses of silk fibre.
 21. Explain manufacturing of Carded yarn with flow chart.
 22. Classify the textile fibres based on their source and origin.
 23. Draw the Longitudinal and cross sectional view of cotton, Nylon, Wool.
 24. What is Texturisation? Explain any three methods with neat diagrams.
 25. Explain the types and properties of Sewing threads.
 26. Differentiate on amorphous and Crystalline regions of fibres.
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