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Reg. No.

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IV Semester B.Sc. (Theory) Degree Examination, June/July - 2026

FASHION AND APPAREL DESIGN

Textile and Apparel Testing

(SEP Scheme 2025 - 26 Onwards Freshers Only)

Paper : FAD 4.2T

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. What is textile testing?
2. Define sample. Mention its types.
3. Define yarn twist. Mention its types.
4. What is CSP? Mention its use.
5. Expand ASTM and AATCC.
6. What is abrasion resistance?
7. What is a grey scale?
8. Mention four yarn defects?
9. Name the equipment used for fiber maturity and fabric weight.
10. Define stress and strain.
11. What is pilling?
12. Mention the importance of bursting strength test.



[P.T.O.]

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

13. What is fiber length? Explain its purpose and importance.
14. Explain how to determine yarn count using Beesley balance.
15. What is cover factor? How is it determined?
16. What is yield point? Explain its importance in textile testing.
17. Explain colour fastness to laundering and rubbing in fabrics.
18. Explain the procedure to determine fabric tensile strength.
19. Describe the procedure to do cotton fibre sampling in zonning technique.

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

20. Write a note on:
 - a) Wear testing
 - b) Load elongation curve
 21. Briefly explain the procedure to determine bending length in the fabric.
 22. Explain work of rupture and initial young's modulus.
 23. Describe the procedure to find tearing Strength of the fabric.
 24. Explain effects of twist on fabric properties.
 25. Explain the procedure to test Zippers and snap fasteners.
 26. Give the procedure to find drape-co-efficient of a fabric.
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