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IV Semester B.Sc. (FAD) Degree Examination, August/September - 2023

**FASHION AND APPAREL DESIGN**

**Textile and Apparel Testing**

**(CBCS Scheme Repeaters 2019-2020 Onwards)**

**Paper : FAD 404A**

**Time : 3 Hours**

**Maximum Marks : 70**

**Instructions to Candidates:**

All sections are compulsory.

**SECTION - A**

I. Answer any Ten questions.

**(10×2=20)**

1. Mention any two objectives of Textile testing.
2. What is Random sampling?
3. Define standard atmosphere.
4. Name the instruments to find fibre length (any two)
5. Define maturity of cotton fibres.
6. Expand GSM, TPI.
7. What is warp cover factor?
8. Define the term work of Rupture.
9. What is air permeability?
10. Name the fibres having good and poor crease recovery.
11. What is bending length?
12. Define abrasion resistance.

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





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SECTION - B

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II. Answer any Five questions.

(5×4=20)

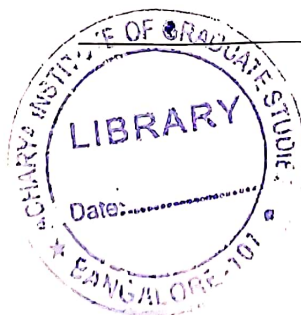
13. Define cotton count (Ne), Denier.
14. Explain any one method of finding twist.
15. Describe the working of wet and dry bulb hygrometer.
16. With the help of sketches, explain the technique of fabric sampling.
17. Describe the method of finding fabric shrinkage.
18. What are the factors which affect seam strength.
19. Draw a load-elongation curve and mark yield point.

SECTION - C

III. Answer any Five questions.

(5×6=30)

20. Explain the zoning technique of fibre sampling.
21. Draw the sorter diagram and explain how different fibre length parameters are found.
22. Define fabric drape. How drape coefficient is calculated?
23. Describe the method of finding tearing strength of fabric.
24. How do you find wash fastness of a fabric? Explain.
25. Describe with suitable sketches, the methods of zipper testing.
26. What are the reasons for fabric pilling? Describe the working of fabric pilling tester.



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IV Semester B.Sc.(FAD) Degree Examination, September - 2023

FASHION AND APPAREL DESIGN

Textile and Apparel Testing

Paper : FD 4.2 T

(CBCS - NEP Semester Scheme Freshers 2022-23 Onwards)

Time : 2½ Hours

Maximum Marks :60

*Instructions to Candidates:*

*ALL sections are compulsory.*

SECTION - A

I. Answer any TEN of the following.

1. Define textile testing.
2. What is a sample? Mention its types.
3. Mention the standard atmospheric conditions to be maintained in a textile laboratory.
4. What is yarn twist?
5. Name the equipment used to find fabric weight and rubbing fastness of the fabric.
6. Write any two objectives of textile testing.
7. Give the formula to find fabric cover factor.
8. Name any two fabric strength tests.
9. What is pilling?
10. Define drape.
11. What is wear testing?
12. Mention the use of gray scale in textile testing



(10×2=20)

SECTION - B

II. Answer any FIVE of the following.

(5×4=20)

13. What are the factors to be considered while selecting samples for testing.
14. Explain types of samples.
15. What is fibre maturity? Write its importance.

[P.T.O.]





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16. Describe on different yarn count systems.
17. Explain how to estimate EPI/PPI of the fabric.
18. What is fabric thickness? How is it measured.
19. Write a note on testing of zippers and elastic bands.

**SECTION - C**

**III. Answer any FOUR of the following.**

**(4×5=20)**

20. What is fibre fineness? Explain how the fineness measurement is found out.
  21. Explain the effects of twist on fabric properties.
  22. Explain the procedure to find tearing strength of a fabric.
  23. What is crease resistance? Describe the procedure to find crease resistance.
  24. Write a note on importance of wear testing.
  25. Explain testing of fusible interlinings.
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