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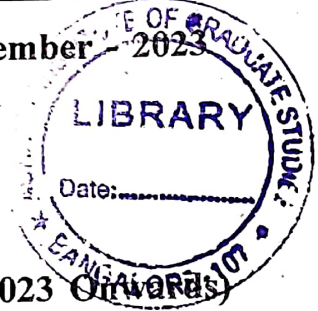
II Semester B.Sc. (FAD) Degree Examination, September 2023

FASHION AND APPAREL DESIGN

Dyeing And Printing In Textiles

Paper : FD 2.1T

(CBCS - NEP Scheme) (F+R) 2021-2022 and 2022-2023



Time : 2½ Hours

Maximum Marks : 60

Instructions to Candidates:

Answer ALL sections are compulsory. Illustrate wherever necessary.

SECTION - A

I. Answer any TEN of the following.

(10×2=20)

1. Define Scouring
2. What is degumming of Silk?
3. Define "Mercerization".
4. State the advantage of Hydrogen peroxide.
5. What is Carbonization?
6. What are disperse Dyes?.
7. Define Union dyeing.
8. List the machinery used in pre-treatments.
9. What is Transfer Printing?
10. Name any functional finishes.
11. Mention the dyes used for synthetic fibers.
12. What is resist style of printing?

SECTION - B

II. Answer any FIVE of the following.

(5×4=20)

13. Explain desizing process of cotton yarn.
14. Write the sequence of wet processing of cotton yarn and explain.
15. Explain Degumming process of silk.
16. What are finishes? Write the classification of finishes in detail.

[P.T.O.]





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17. Differentiate resist printing and discharge printing.
18. Write a short note on Screen Printing.
19. List method of dyeing. Explain any two method of dyeing.

SECTION - C

III. Answer any FOUR of the following.

(4×5=20)

20. Explain the machineries used for preparatory process.
21. What is Singeing? Explain types of Singeing.
22. Write a short note on different washing techniques followed in industry.
23. What is bleaching? Write its objective and explain the method of bleaching on cotton.
24. State the importance of textile finishes and explain any three functional finishes.
25. Explain the following terminologies.
 - a) M: L Ratio
 - b) Calendaring
 - c) Carbonizing
 - d) Stain removal.





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II Semester B.Sc. (FAD) Degree Examination, October - 2022

FASHION AND APPAREL DESIGN

Dyeing and Printing in Textiles

Paper : FD2.1 T

CBCS Scheme NEP (2021-22 Onwards) (Freshers Only)

Time : 2½ Hours

Maximum Marks : 60

Instructions to Candidates:

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

Section - A

I. Answer any 10 of the following.

(10×2=20)

1. What is wet processing?
2. What is scouring?
3. What is degumming of silk?
4. What are disperse dyes?
5. Define printing.
6. List methods of dyeing.
7. What is calendering?
8. Name any two functional finishes?
9. Define stain.
10. Expand CSR.
11. What is roller printing?
12. Name the dyes used for dyeing protein fibres.

Section - B

II. Answer any following (any 5).

(5×4=20)

13. Write the sequence of wet processing operation for cotton and explain.
14. Explain desizing and its machinery.
15. Explain the degumming process of silk.

[P.T.O.]





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16. Discuss the dyeing process of cotton using vat dyes.
17. Explain principles of laundering.
18. Differentiate resist printing and discharge printing.
19. Write short notes on : -
 - a. Any one aesthetic finishes.
 - b. Any one Temporary finishes.

Section - C

III. Answer any Four of the following.

(4×5=20)

20. Explain in detail different styles of printing (Any 4).
21. What are environmental concerns and social responsibility of textile industry. Explain.
22. Explain different methods of dyeing.
23. What is bleaching? Write its objectives and explain the method of bleaching silk.
24. Explain the following terminologies.
 - A. M : L Ratio
 - B. Singeing.
 - C. Carbonizing
 - D. Microencapsulation.
25. Classify stains. Explain the stain removal method of removing.
 - a. Beverages.
 - b. Oil and grease.
 - c. Blood stain.

