

E 6603



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Reg. No.....

Name.....

B.F.T. DEGREE (C.B.C.S.S.) EXAMINATION, SEPTEMBER 2024

First Semester

Complementary Course—TEXTILE SCIENCE

(2013—2016 Admissions)

Time : Three Hours

Maximum Marks : 80

Part A (Short Answer Questions)

*Answer all questions.
Each question carries 1 mark.*

1. What do you mean by Bast Fibres ? Give any *two* examples.
2. What are called as regenerated textile fibres ?
3. What is called as YARN COUNT ?
4. What are *two* types of twists used in yarn formation process ?
5. Write a note about Novelty Yarns
6. What are the primary motions of Weaving ?
7. Write about Braiding ?
8. What is called singeing ?
9. What do you mean by 'Wool Carbonozing' ?
10. What are the different stages of dyeing performed in textile processing ?

(10 × 1 = 10)

Part B (Brief Answer Questions)

*Answer any **eight** questions.
Each question carries 2 marks.*

11. Write the classification of Dyes.
12. Write a short note about Batik Printing.
13. What do you mean by Featured Yarns ?
14. What is called as scouring and explain its objectives ?

Turn over





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15. Explain the role of calendering in textile finishing.
16. What are called as Plain Weaves ? Illustrate a simple design for plain weave.
17. Write about lace fabrics in detail and mention its uses.
18. What are called as Novelty Yarns and explain its types in detail ?
19. What are favourable properties of Cotton ?
20. What is the important ingredient in printing paste formation which gives the required printing paste consistency ?
21. Write about Polyamide fibres in detail.
22. Write about Dobby Weaving in detail.

(8 × 2 = 16)

Part C (Short Essay Type Questions)

*Answer any **six** questions.*

Each question carries 4 marks.

23. Write in detail about the classification of Textile Dyes and its application.
24. Explain the process of Fabric formation in Shuttle-loom.
25. Differentiate Knitting and Weaving.
26. Explain Flame retardant and Crease resistant finishes given to textile fabrics in detail.
27. Explain the different methods of singeing in detail.
28. Explain the process of Manufacturing Viscose Rayon in detail.
29. Illustrate the following Wearing designs :
 - (a) 4/4 matt Rib.
 - (b) 2/4 Matt rib.
 - (c) 2/3 Matt Rib.
30. Explain about Color Discharge Style of Printing.
31. Explain the disadvantages of dyeing in fibre stage and Yarn stage.

(6 × 4 = 24)





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Part D (Long Essays)

*Answer any **two** questions.*

Each question carries 15 marks.

32. Explain different styles of Textile Printing.
33. Explain about any five man-made fibres and its properties in detail.
34. Write in detail about Textile Yarns, its classification and its important properties.
35. Explain about Non Woven Fabrics, its application, its properties and its uses.

(2 × 15 = 30)

