

Register No.:

746

April 2024

Time - Three hours
(Maximum Marks: 100)

- [N.B. 1. Answer all questions under Part-A. Each question carries 3 marks.
2. Answer all the questions either (A) or (B) in Part-B. Each question carries 14 marks.]

PART - A

1. State the merits of continuous desizing and scouring.
2. What is Singeing?
3. What are the dyes used for natural fibre?
4. How do you classify dyes?
5. Mention the material required for batik print.
6. What are the steps involved in printing screen preparation?
7. What is water resistance finish?
8. What is marble finish?
9. What is tex numbering system?
10. State the importance of yarn twist.

[Turn over.....

PART - B

11. (a) Explain about conventional bleaching process using hypochlorite.

(Or)

(b) Explain about the enzyme desizing.

12. (a) Explain about the dyeing method of protein fibre with acid dyes.

(Or)

(b) Explain about the dyeing of cellulosic fibre with reactive dyes using Jigger.

13. (a) Explain about direct style of printing with reactive dyes on cotton.

(Or)

(b) Explain the printing of disperse dye on polyester fabric.

14. (a) Explain about mercerization of cotton fabric using chainless machine.

(Or)

(b) Discuss about temporary mechanical finishes.

15. (a) Explain about yarn appearance test as per ASTM standard.

(Or)

(b) Discuss about fabric tensile strength tester.
