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Total No. of Pages : 02

Total No. of Questions : 18

B.Sc. (FT) (2012 & Onwards) (Sem.–3)

TEXTILE DYEING AND PRINTING

Subject Code : BSFT-302

M.Code : 70438

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTION TO CANDIDATES :

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.
3. SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.

SECTION-A

Attempt all questions in brief / Fill in the blanks :

1. Define 'hydrophilic polymers'.
2. Name any one hydrophobic polymer fiber.
3. Name any one synthetic dye.
4. The highest rate of production in printing is obtained on _____ printing.
5. _____ dye machine is the most modern machine used for dyeing of polyester using disperses dye.
6. Bagru is a type of _____ printing.
7. Brown color in natural dyes can be obtained from _____.
8. A fiber is comfortable to wear if its polymer system is made up of _____ polymers.
9. _____ is a method of coloring fabrics made from more than one kind of fiber.
10. The dyes containing insoluble azo group (-N=N-) are known as _____.

SECTION-B

11. Compare roller printing with rotary screen printing machine.
12. Write short notes on the following :
 - a. Reactive dyes
 - b. Screen printing
13. Explain in brief the dyeing of cotton with vat dyes.
14. What is transfer printing? Give one advantage and one disadvantage of the same.
15. What is colorfastness of a textile and is color fastness tested?

SECTION-C

16. Write a detailed note on the characteristics of thickeners used in textile printing.
17. Compare natural dyes to synthetic dyes. Give advantages and disadvantages of each.
18. Give detail classification of dyes based on application.

NOTE: Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.