

**SAMPLE QUESTION PAPER**  
**TEXTILE CHEMICAL PROCESSING (779)**

STD XII (2018-19)

Time: 2.5 Hrs.

MM: 50

**GENERAL INSTRUCTIONS**

1. Attempt all questions
2. Illustrate your answers, wherever possible

1. Define the following term (Do any 10)

(1x10=10)

- i. Bleaching
- ii. Cross dyeing
- iii. Mudmee Tie-Dye
- iv. Soil release
- v. Direct prints

**Fill in the blanks.**

- vi. Removal of producing from both sides of fabric is as \_\_\_\_\_
- vii. Hydrogen peroxide is also called \_\_\_\_\_
- viii. \_\_\_\_\_ derived from formal of Benzedrine salts.
- ix. \_\_\_\_\_ can be used for heat transfer.
- x. \_\_\_\_\_ produces -dimensions on fabric.
- xi. \_\_\_\_\_ last through 25-30 lacs.
- xii. \_\_\_\_\_ process, wool fabric is warm progressive shrinkage.

**Very short answers (Do any 5)**

**(2x5=10)**

2. Describe the resist dying method?
3. What is the importance of garment dyeing?
4. Which terminology is used in Dying process?
5. Name the two categories of printing and their methods.
6. What is advantage of stencil printing?
7. What are styles of prints?
8. Name the chemical used in De-sizing?

**Short Answers (Do any 5)**

**(3x5=15)**

9. What are direct prints and its importance?
10. Write down the specific features of the following prints (any one):
  - a. Folck prints
  - b. Duplex prints
11. Describe the importance of screen prints.
12. Write a short notes on following:
  - a. Embossed calendaring
  - b. Fiction calendaring
13. Distinguish between any two of the following:
  - a. Hand and soft mater

b. Water repellent and water proof wash

14. Difference between Acid wash and Stone wash.
15. How do you identifies Direct print on the given fabric?

### **Section B**

#### **Long Answers (Do any 3)**

**(5x3=15)**

16. Give important features of stock dyeing?
17. Write a short note on the following:
  - a. Soil release finish
  - b. Preparation of wool for dyeing and printing
  - c. Winch dyeing machine
18. Write the important features of the following dyes
  - a. Vat Dyes
  - b. Disperse dyes
  - c. Sulfur dyes
19. Write the function of Jet Dyeing machine.
20. What are the main objectives of mercerizing process?