

Roll No



**PRESIDENCY UNIVERSITY  
BENGALURU**

**SCHOOL OF DESIGN  
MID TERM EXAMINATION - APR 2023**

**Semester :** Semester VI - 2022 - 23 - B. Design - 2020

**Course Code :** BDF308

**Course Name :** Sem VI - BDF308 - Wet Processing of Textiles

**Program :** B. Design

**Date :** 12-APR-2023

**Time :** 2:00PM - 3:30PM

**Max Marks :** 60

**Weightage :** 30%

**Instructions:**

- (i) Read all questions carefully and answer accordingly.
- (ii) Question paper consists of 3 parts.
- (iii) Scientific and non-programmable calculator are permitted.
- (iv) Do not write any information on the question paper other than Roll Number.

**PART A**

**ANSWER ALL THE QUESTIONS**

**(5 X 3 = 15M)**

1. Mention the properties of dyes (CO1) [Knowledge]
2. Define Scouring and Bleaching (CO1) [Knowledge]
3. Answer the followings : a) Vander waal's forces b) Hydrogen bonds (CO1) [Knowledge]
4. What is direct dye? Mention its properties. (CO1) [Knowledge]
5. Answer the followings : a) Natural dyes b) Synthetic dyes (CO1) [Knowledge]

**PART B**

**ANSWER ALL THE QUESTIONS**

**(2 X 15 = 30M)**

6. With a neat flow chart briefly explain about classification of dyes in detail . (CO1) [Comprehension]
7. Explain the preparation process of tie and dye technique in detail. (CO1) [Comprehension]

**PART C**

**ANSWER THE FOLLOWING QUESTION**

**(1 X 15 = 15M)**

8. Describe the process of screen printing using cold brand reactive dye in detail and make a sample for the same. (CO1) [Application]