

Roll No



**PRESIDENCY UNIVERSITY
BENGALURU**

SET B

**SCHOOL OF DESIGN
END TERM EXAMINATION - JAN 2024**

Semester : Semester III - 2022

Course Code : DES1046

Course Name : Basic Material Technology

Program : B. Design

Date : 03-JAN-2024

Time : 1:00 PM - 4:00 PM

Max Marks : 100

Weightage : 50%

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

4X5M=20M

1. List any 5 building materials used in interior design and mention its properties. (CO1) [Knowledge]
2. Mention the various types and properties of natural stones available in the market. (CO1) [Knowledge]
3. Describe briefly about glass blocks and mention the advantages and disadvantages of the same. (CO1) [Knowledge]
4. What types of finishes are commonly applied to wood surfaces for protection and aesthetics? (CO1) [Knowledge]

PART B

ANSWER ALL THE QUESTIONS

5X10M=50M

5. Write a note on Acoustic Glass. (CO2) [Comprehension]
6. Write a note on plywoods. (CO2) [Comprehension]
7. Compare and differentiate between Granite and Marble. (CO2) [Comprehension]
8. Write a note on MDF and HDF boards. (CO2) [Comprehension]

9. Write a note on limestone and sandstone.

(CO2) [Comprehension]

PART C

ANSWER ALL THE QUESTIONS

2X15M=30M

10. Explain in detail on the market analysis of current trends in the use of stones, glass, paints and woods in interior design.

(CO3) [Application]

11. "As an interior designer tasked with creating a cohesive and visually appealing design for a modern concept home, elaborate on your strategy for integrating wood and stone elements through sketches. Consider specific areas such as the flooring, wall treatments, and furniture. Additionally, address the choice of wood and stone varieties, their respective textures, and the color palette to ensure harmony."

(CO3) [Application]