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**PRESIDENCY UNIVERSITY
BENGALURU**

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

Semester : Semester IV - 2022 - 23 - B. Design - 2021

Course Code : DES2023

Course Name : Sem IV - DES2023 - Building Construction and Detailing

Program : B. Design

Date : 15-APR-2023

Time : 2:00PM - 3:30PM

Max Marks : 50

Weightage : 25%

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

(2 X 2 = 4M)

1. What is 'cross graining' of Plywood?

(CO1) [Knowledge]

2. Mention any four defects in timber.

(CO1) [Knowledge]

PART B

ANSWER ALL THE QUESTIONS

(2 X 3 = 6M)

3. Explain the parts of Timber structure with the help of diagram.

(CO1) [Comprehension]

4. What is Plywood? Explain the structural characteristics of Plywood.

(CO1) [Comprehension]

PART C

ANSWER ALL THE QUESTIONS

(2 X 20 = 40M)

5. Draft a plan and elevation for wooden Sashdoor measuring 1M X2.1M with one detail.

(CO1) [Application]

6. Draw a three dimensional typical door layout and label the parts.

(CO1) [Application]