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**PRESIDENCY UNIVERSITY
BENGALURU**

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

Semester : Semester VI - 2020

Course Code : BDP311

Course Name : Sem VI - BDP311 - Simple Product Design - Prototyping

Program : BDP

Date : 15-APR-2023

Time : 9:30AM - 11AM

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 THE FOLLOWING QUESTION

(1 X 10 = 10M)

1. a. What is sun board made from?
b. What are the advantages and the types of finishes available for sun board. Where do we see sun board being used in our daily lives? (min. 4 each)

(CO1,CO2) [Knowledge]

PART B

ANSWER THE FOLLOWING QUESTION

(1 X 20 = 20M)

2. a. What is MDF? In short explain how is MDF manufactured.
b. List the advantages, disadvantages, usage and the types of finishes available for MDF. (min. 3 each)

(CO1,CO2) [Comprehension]

PART C

ANSWER THE FOLLOWING QUESTION

(1 X 30 = 30M)

3. a. To design an innovative toy, that takes its inspiration from nature, for the age group of 2 to 5 years.
b. Show form iterations, specify the materials being used and the reason behind choosing the material.

(CO3,CO1,CO2) [Application]