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**PRESIDENCY UNIVERSITY
BENGALURU**

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

Semester : Semester IV - 2021

Course Code : DES1076

Course Name : Sem IV - DES1076 - Basic Prototyping Methods and Processes

Program : BDP

Date : 12-APR-2023

Time : 9.30AM - 11.00AM

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.*
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PART A

ANSWER THE FOLLOWING QUESTION

(1 X 10 = 10M)

1. a. What is prototyping? Why prototyping is important for product designers?
b. How can prototyping help product designers create better products that meet the needs of users (with example)?

(CO1) [Knowledge]

PART B

ANSWER THE FOLLOWING QUESTION

(1 X 20 = 20M)

2. a. What are the elements that contribute to product design? Give a brief about the elements that contribute to product design.
b. Briefly describe the above-mentioned elements using a few examples (at least two) from your daily life product.

(CO1,CO2) [Comprehension]

PART C

ANSWER THE FOLLOWING QUESTION

(1 X 20 = 20M)

3. Depict the feelings that you expect from a gym/weights/dumbbells. Sketch at least 5 forms, and choose one. Create the form using the given 8*8*8 cm POP cube. What are the tools used? Describe them. Explain your decision to use that particular form.

(CO1,CO2) [Application]