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**PRESIDENCY UNIVERSITY
BENGALURU**

**SCHOOL OF DESIGN
END TERM EXAMINATION - JUN 2023**

Semester : Semester IV - 2021

Course Code : DES1076

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

Program : BDP

Date : 7-JUN-2023

Time : 1.00PM - 4.00PM

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.*
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PART A

ANSWER ALL THE QUESTIONS

(2 X 10 = 20M)

1. How does the ideation phase contribute to the overall design process? Explain each stage in the design process.
(CO2,CO1) [Knowledge]
2. Describe about sunboard. List at least 5 advantages and applications of sunboard.
(CO2,CO1) [Knowledge]

PART B

ANSWER ALL THE QUESTIONS

(2 X 20 = 40M)

3. Sketch 10 organic forms for the vase. Select one of those 10 doodles and provide an isometric and orthographic views of the product.
(CO2,CO3) [Comprehension]
4. For the selected sketch of the above product make templates, according to the dimensions/ if needed scale down the dimensions. Use the PU foam block that corresponds to the product's dimensions to build the product.
(CO2,CO3) [Comprehension]

PART C

ANSWER THE FOLLOWING QUESTION

(1 X 40 = 40M)

5. Present the given topic and defend the jury clarifications.

(CO2,CO3,CO1) [Application]