

Roll No																			
---------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--



**PRESIDENCY UNIVERSITY
BENGALURU**

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

Semester : Semester IV - 2021

Course Code : DES1083

Course Name : Sem IV - DES1083 - Basics of Manufacturing Process Design

Program : BDP

Date : 9-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.*
-

PART A

ANSWER ALL THE QUESTION

(2 X 10 = 20M)

1. Explain briefly about sand blasting, soldering, drilling and milling.
(CO1) [Knowledge]
2. Write the difference between box and finger joinery and also illustrate the given joineries. Make these two joineries using thermocol.
(CO1,CO2) [Knowledge]

PART B

ANSWER ALL THE QUESTION

(2 X 20 = 40M)

3. Create a flowchart that shows different types of metal forming. What types of metal forming are there and describe all the steps involved. Showcase each and every part of the metal forming process.
(CO2,CO1) [Comprehension]
4. Make a flowchart for the manufacturing process of paper. Describe each and every stage of manufacturing process of paper.
(CO2,CO1) [Comprehension]

PART C

ANSWER ALL THE QUESTION

(1 X 40 = 40M)

5. Present the given topic and defend the jury clarifications.
(CO2,CO3,CO1) [Application]