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**PRESIDENCY UNIVERSITY  
BENGALURU**

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

**Semester :** Semester IV - 2021

**Course Code :** DES1083

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

**Program :** BDP

**Date :** 12-APR-2023

**Time :** 2PM - 3.30PM

**Max Marks :** 50

**Weightage :** 25%

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**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. What is the difference between Manufacturing – Economic and Technology? What are the various categories of manufacturing industries? Describe them briefly and provide examples for each.  
(CO1,CO2) [Knowledge]

**PART B**

**ANSWER THE FOLLOWING QUESTION**

**(1 X 20 = 20M)**

2. Give a flowchart for classification of manufacturing processes. For each and every classification give a brief explanation and provide examples for them.  
(CO2,CO1) [Comprehension]

**PART C**

**ANSWER THE FOLLOWING QUESTION**

**(1 X 20 = 20M)**

3. Explain and illustrate the manufacturing process for any metal product. Clearly describe each and every step of the process from the starting stage to the Packaging stage.  
(CO2,CO1) [Application]