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**PRESIDENCY UNIVERSITY  
BENGALURU**

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

**Semester :** Semester VI -2020

**Course Code :** BDP310

**Course Name :** Sem VI - BDP310 - Advance Ergonomics

**Program :** BDP

**Date :** 13-APR-2023

**Time :** 2:00PM - 3:30PM

**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. What is ergonomics and why is it important in product design? Explain in brief about Physical Ergonomics.

(CO1) [Knowledge]

**PART B**

**ANSWER THE FOLLOWING QUESTION**

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

2. a. What are some common ergonomic issues that can arise in product design, and how can they be addressed?  
b. What are the 10 Influencing Factors For Risk Tolerance? Give a brief about them.

(CO1,CO2) [Comprehension]

**PART C**

**ANSWER THE FOLLOWING QUESTION**

**(1 X 30 = 30M)**

3. a. Write the full form of WH&S and PPE. Explain the benefits of WH&S, and provide examples.  
b. Explain the factors for Error Prevention/Remediation with suitable examples. What is RSI and symptoms of RSI?

(CO1,CO2,CO3) [Application]