



**PRESIDENCY UNIVERSITY
BENGALURU**

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

Semester : Semester III - 2021

Course Code : DES1092

Course Name : SEM III - DES1092 - Basics of Ergonomics

Program : B. Design - PD

Date : 13-JAN-2023

Time : 9.30AM - 12.30PM

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.

PART-A

ANSWER ALL THE FOLLOWING QUESTIONS

3Q X 10M = 30M

1. How does ergonomics help to increase productivity? To help you explain and support your response, give an example.
(CO3,CO4) [Knowledge]
2. How can the design of a product's user interface be enhanced using the concepts of human memory and learning?
(CO3,CO4) [Knowledge]
3. How does organizational ergonomics apply to product design?
(CO4,CO3) [Knowledge]

PART-B

ANSWER ALL THE FOLLOWING QUESTIONS

2Q X 15M = 30M

4. Consider a product that is used in interior space and talk about its form while keeping ergonomics in mind. Describe the ways in which the object's size, shape, and form support its various uses.
(CO3,CO4) [Comprehension]
5. Take an reference image of the hair dryer and modify it to create a better version of that by enhancing the ergonomics of the form.
(CO3,CO4) [Comprehension]

PART-C

VIVA / JURY

1 X 40M = 40M

6. Discuss the assigned subject and support the jury's clarifications.
(CO4,CO3) [Application]
