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**PRESIDENCY UNIVERSITY  
BENGALURU**

**SCHOOL OF ENGINEERING  
MID TERM EXAMINATION - OCT 2023**

**Semester :** Semester VII - 2020

**Course Code :** CSE2025

**Course Name :** Sem VII - CSE2025 - Business Continuity and Risk Analysis

**Program :** B. TECH

**Date :** 30-OCT-2023

**Time :** 11:30AM - 1:00PM

**Max Marks :** 60

**Weightage :** 30%

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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 ALL THE QUESTIONS**

**(5 X 2 = 10M)**

1. Define disaster recovery. (CO1) [Knowledge]
2. Define business continuity (CO1) [Knowledge]
3. Define the checklist of items that can be included in a disaster recovery plan (CO1) [Knowledge]
4. Define Occupant emergency Plan OEP (CO2) [Knowledge]
5. Define Recovery Time Objective (RTO) (CO2) [Knowledge]

**PART B**

**ANSWER ALL THE QUESTIONS**

**(3 X 10 = 30M)**

6. A small business relies on an on-premises server for all its data and applications. There's a sudden hardware failure, and data is at risk. What steps can the business take to quickly recover its operations and data in this scenario? Describe any 5 best practices for IT disaster recovery. (CO1) [Comprehension]
7. If a region experiences a severe earthquake causing widespread infrastructure damage, how would you prioritize the recovery efforts for IT systems and data? (CO1) [Comprehension]

8. A medium-sized manufacturing company relies heavily on its production facility. A fire breaks out in the plant, causing significant damage. How can the company create a business continuity plan to ensure minimal disruption to its manufacturing operations and customer orders? Explain the general process of building a BCP.

(CO2) [Comprehension]

### **PART C**

#### **ANSWER THE FOLLOWING QUESTION**

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

9. List the key elements of BCP. In the wake of a widespread pandemic, how would you ensure the continuity of business operations when employees are unable to work from the office? What measures would you implement to maintain productivity and ensure the safety of your workforce?

(CO2) [Application]