Name: **Enrolment No:**	

UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
End Semester Examination, May 2022
Course: IT Business Continuity & Disaster Recovery Planning
Semester: VI
Program: B.Tech CSE+CSF **Time : 03 hrs.**
Course Code: CSSF 3009 **Max. Marks: 100**

Instructions: Use diagrams to support your explanation wherever applicable.

S. No.		Marks	CO
	SECTION A **(5Qx4M=20Marks)**		
Q 1	Discuss various type of disasters?	**4**	**CO1**
Q 2	What are various Elements of Project Success?	**4**	**CO2**
Q 3	Differentiate between thread and vulnerability assessment?	**4**	**CO3**
Q 4	There are different threats that would occur in a project. To handle with these threats discuss types of Risk Mitigation Strategies?	**4**	**CO4**
Q 5	Elaborate on backup sites?	**4**	**CO2**
	SECTION B **(4Qx10M= 40 Marks)**		
Q 6	Write-down phases of the Business Continuity and Disaster Recovery. Explain each phase by considering any IT related scenario?	**10**	**CO1**
Q 7	Three Simple Rules for Crisis Communication are mandatory, what are those rules. How these rules helps for various type of crisis?	**10**	**CO2**
Q 8	The risk assessment process helped identify several issues with the project that can be broken down into various categories. Explain each of them?	**10**	**CO3**
Q 9	Discuss IT Disaster recovery phases? **OR** What are various factors to include in the BCDR development report? Explain each one.	**10**	**CO4**
	SECTION-C **(2Qx20M=40 Marks)**		
Q 10	Suppose you are working in an IT organization are you are the Business Continuity and Disaster Recovery Manager and have to design a Business Continuity Plan for your organization. Discuss the important considerations that you will have to take care during preparation of	**20**	**CO1**

	BC&DR plan.		
Q 11	How to conduct cost benefit analysis, write down a step by step approach? There are two projects where project one is incurring a total cost of $9,000 and earning total benefits of $ 13,000 whereas on the other hand project two is incurring costs of Rs. $12,000 and earning benefits of $ 21,000, therefore, by applying cost-benefit analysis the Cost-Benefit ratio, find which project is feasible. **OR** Imagine you are a manager responsible for the business continuity management program for a major mobile telecoms company based in Hanover, Germany. You are part of a management team responsible for ensuring the safety and security of over 6,000 employees and ensuring they are able to continue providing a much-needed service to nearly 8 million customers. Now picture the chaos that would ensue if there was a fire at an important site that caused a service outage affecting fixed line telephony and ADSL across a large region of the country. What would you do to continue the business as normal?	**20**	**CO3 - CO4**