Name:	
Enrolment No:	**UPES** UNIVERSITY WITH A PURPOSE

UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
Online End Semester Examination, December 2020

Course: IT Infrastructure Management Frameworks **Semester: V**
Program: B.Tech CSE + IT- Infra **Time: 03 hrs.**
Course Code: CSIT 3013 **Max. Marks: 100**

Instructions:

SECTION A
1. **Each Question will carry 5 Marks**

S. No.		Marks	CO
Q 1	The tasks include troubleshooting, configuration and adjusting traffic flows. The above task will come under which category tactical or strategic. (one word only)	5	CO1
Q 2	Enlist the building blocks of resiliency	5	CO2
Q 3	_____means "providing" or creating something available.(write only one word)	5	CO5
Q 4	FCAPS model comes under which management category? (write one word only)	5	CO1
Q 5	"A comprehensive understanding of the various aspects of operation management is possible by taking a systems perspective". (True/ False)	5	CO2
Q 6	"Identify the correct order of an authentication exchange a. Initial challenge b. Initial response c. Request authentication exchange d. Outcome of authentication exchange "	5	CO3

SECTION B
1. **Instruction: Write short / brief notes**

Q 7	a. Differentiate between the operation management and process management with the help of a relevant example. b. Differentiate between the Change Management and Configuration Management with relevant example	10	CO2
Q 8	a. Describe SASL in brief b. Explain the two main aspects of Security Access Control and how are they achieved?	10	CO3
Q 9	List down elementary processes of any organization. And explain their purpose in any organization.	10	CO1
Q 10	Elaborate in short the monitoring capabilities of EWLM, that in what ways it happens?	10	CO5
Q 11	Describe in details the framework of resiliency in IT Infrastructure. **OR** How an organization can achieve scalability, describe methods in detail.	10	CO3

	SECTION-C		
	1. Instruction: Write long answer.		
Q 12	Draw and illustrate the general EWLM Architecture mentioning all important points and explain how load balancing works. How EWLM is used for workload balancing and what are its capabilities? **OR** Explain the IT Business Continuing by specifying the proper scenario and describe the business continuity planning phases in details. Is there any relationship between IT business continuity and EWLM, justify your answer.	**20**	**CO4**