UPES
End Semester Examination, May 2023

Course: Cloud Computing Security & Management   Semester: VIII
Program: B TECH (CSE+CSF, AIML)   Time   : 03 hrs.
Course Code: CSVT4009P   Max. Marks: 100

Instructions: All questions are mandatory

SECTION A
(5Qx4M=20Marks)

S. No.		Marks	CO
Q 1	Differentiate between data breaches and data loss.	4	CO1
Q 2	Discuss AAA in Security.	4	CO2
Q 3	Define is digital certificate.	4	CO3
Q 4	Explain patching and updates.	4	CO4
Q 5	Explain Isolated identity management model.	4	CO1

SECTION B
(4Qx10M= 40 Marks)

Q 6	Discuss the different security issues associated with the cloud.	10	CO1
Q 7	Explain program threats. Explain some well-known program threats.	10	CO2
Q 8	Discuss the role of cloud system administrator in detail. **OR** Describe the process of cloud configuration management? Discuss the key aspects of cloud configuration management.	10	CO3
Q 9	How digital signature enhances the security over an insecure network?	10	CO4

SECTION-C
(2Qx20M=40 Marks)

Q 10	Compare different encryption techniques. Justify the usage of each technique by giving application in different scenarios. **OR** Illustrate diagrammatically the ITIL Framework for Service Management with steps and activities within each step. Describe Continuous Process Improvement.	20	CO2
Q 11	(a) Analyze the life cycle and challenges of Identity and Access Management	10*2=20	CO3

		(b) Explain how Business Continuity and Disaster Recovery can be implemented?		