



Name:

Enrolment No:

UPES

End Semester Examination, May 2024

Course: Cloud Computing & Virtualization

Program: MCA

Course Code: CSCS7012P

Semester: II

Time : 03 hrs.

Max. Marks: 100

Instructions:

SECTION A
(5Qx4M=20Marks)

S. No.		Marks	CO
Q 1	Explain the term Virtualization.	4	CO1
Q 2	Describe a Virtual Machine Manager (VMM).	4	CO1
Q 3	List four advantages of Private Cloud.	4	CO2
Q 4	Explain utility computing	4	CO1
Q 5	List any three use cases for EC2 service	4	CO4

SECTION B
(4Qx10M= 40 Marks)

Q 6	Describe Orchestration & Service Catalog with reference to Cloud Anatomy.	10	CO3
Q 7	Discuss any two workloads that are unsuitable for Public Cloud	10	CO1
Q 8	With reference to Cloud Computing; discuss Cloud Transformation Roadmap.	10	CO3
Q 9	Define IAM with respect to AWS OR Explain the different components of GCE	10	CO4

SECTION-C
(2Qx20M=40 Marks)

Q 10	Talking of Cloud Computing; describe the various deployment models for Cloud Computing in detail.	20	CO2
Q 11	Describe in detail a Cloud solution for a CRM software OR Discuss in detail the NIST Cloud Computing Reference Architecture	20	CO4