Name: **Enrolment No:**	

UPES
End Semester Examination, May 2023

Course: Cloud Deployment Models **Semester: IV**
Program: BTECH CSE (CCVT-H+N.H) **Time : 03 hrs.**
Course Code: CSVT2008 **Max. Marks: 100**
Instructions: Calculator is not allowed.

SECTION A
(5Q x 4M = 20 Marks)

S. No.		Marks	CO
Q 1	Describe the various cloud deployment models and their features in brief.	**4**	**CO1**
Q 2	Define the convergence in cloud computing with example.	**4**	**CO1**
Q3	Describe the storage, server, and network virtualizations in brief.	**4**	**CO2**
Q4	Discuss the various hyper-convergence policies for the private cloud.	**4**	**CO1**
Q5	Illustrate the architecture of the federated cloud with example.	**4**	**CO2**

SECTION B
(4Q x 10M = 40 Marks)

Q6.	Discuss briefly about different prioritized cloud computing applications and their adequate details. Illustrate the application of multithreading in a cloud computing environment.	**5+5**	**CO1**
Q7.	Write the differences between cloud automation and cloud orchestration. Illustrate the different backup and disaster recovery policies of a public cloud.	**5+5**	**CO2**
Q8.	Demonstrate the dedicated private cloud hosting. Illustrate the differences between cloud automation and cloud orchestration.	**5+5**	**CO2**
Q9.	Discuss the compensation within the SLA precisely. Explain the Open Cloud Computing Interface (OCCI) in brief.	**5+5**	**CO3**

SECTION-C (2Q x 20M = 40 Marks)			
Q 10	List out the various steps of managing workloads of a hybrid cloud. Discuss the IBM cloud marketplace in brief. Describe the different features of Bluemix architecture. Explain the workings of the trusted cloud precisely.	**5+5+5+5**	**CO1, CO2**
Q 11	Illustrate OpenStack architecture along with its different features. Write a short note on monitoring and management tools as a service. Demonstrate the various aspects of dynamic scalability architecture. Illustrate the different steps of resource replication process of private cloud.	**5+5+5+5**	**CO3, CO4**