Name:	UPES
Enrolment No:	

UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
End Semester Examination, May 2021

Course: B. Tech. CSE with IOT & SC   Semester: IV
Subject: Cloud Architecture and Deployment Models   Time: 03 hrs.
Subject Code: CSVT 2006   Max. Marks: 100

SECTION A

S. No.		Marks	CO
Q1	What is server sprawling? How it helps in infrastructure management?	5	CO2
Q2	Discuss Server-Less computing and its uses.	5	CO3
Q3	Discuss the various features of Cloud Computing	5	CO1
Q4	What is AMI with reference to the AWS cloud? Discuss is job.	5	CO4
Q5	Discuss virtual Machine.	5	CO1
Q6	What is Multitenancy in Cloud?	5	CO2

SECTION B

Q7.	List the various components of Classic Data Centre with the help of a suitable diagram.	10	CO1
Q8.	With the help of a neat diagram, Discuss how request context is handled for different actors in AWS. *Hint: refer IAM in AWS public cloud.*	10	CO4
Q9.	Discuss the primary functions of Cloud Broker.	10	CO2
Q10	What is Load Balancer? Explain different types of load balancers offered by the AWS.	10	CO3
Q11	Explain the various storage option in Open Stack private cloud. Or Explain the difference between block storage and object storage.	10	CO4

SECTION C

Q12.	Draw NIST CCRA full diagram and explain each label. Or Discuss Cloud Service Provider with reference to Service Management Layer as highlighted in NIST CCRA.	20	CO5