

Name:

Enrolment No:



UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
End Semester Examination, December 2019

Course: B.Tech CSE CCVT
Program: Cloud Computing Architecture
Course Code: CSVT 3001

Semester: V
Time 03 hrs.
Max. Marks: 100

Instructions: Answer questions according to their respective marks

SECTION A

S. No.		Marks	CO
Q 1	Define Cloud Computing Architecture and what are the roles of a Cloud Architect?	4	CO1
Q 2	Describe Utility Computing.	4	CO1
Q 3	List four shortcomings of Physical Infrastructure.	4	CO2
Q 4	Explain the characteristics of Software as a Service (SaaS).	4	CO3
Q 5	List three scenarios where Virtualization is not recommended.	4	CO4

SECTION B

Q 6	Explain five types of Virtualization.	10	CO4
Q 7	Illustrate the Architectural Pillars for Cloud Computing Architecture.	10	CO3
Q 8	Amazon AWS is one the largest players in the domain of Cloud Computing. Elaborate Amazon AWS along with its features.	10	CO4
Q 9	With reference to Platform as a Service (PaaS) describe its characteristics. OR Define Software as a Service along with its three categories.	10	CO4

SECTION-C

Q 10	With reference to IaaS explain in detail IaaS Cloud Architecture along with its components.	20	CO4
Q 11	Over the past few years Cloud adoption has escalated across various industries, in this context explain Cloud Adoption Journey. OR Cloud Computing is a new age computing paradigm which comprises of various actors. With reference to this statement describe in detail Cloud Anatomy.	20	CO5

