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

Course: Cloud Applications In Petroleum Sector   Semester: VIII
Program: B.Tech(CSE-OGI)   Time 03 hrs.
Course Code: CSIB499   Max. Marks: 100

Instructions:

	SECTION A		
S. No.		**Marks**	**CO**
Q 1	List the advantages and disadvantages of cloud service deployment.	4	CO2
Q 2	Mention benefits of Virtualization.	4	CO1
Q 3	Differences between Cloud Computing and Grid computing	4	CO2
Q 4	What are the essential characteristics of cloud computing?	4	CO3
Q 5	List out the concerns of the Oil Industry towards moving to Cloud infrastructure	4	CO4
	SECTION B		
Q 6	Define a) Distributed Computing System b) Cloud Computing System and state its differences among them.	10	CO1
Q 7	Mention different types of clouds available and explain each.	10	CO2
Q 8	Explain the benefits of cloud computing for Oil and Gas industry	10	CO4
Q 9	Explain Hypervisor-Reference Architecture.	10	CO3
	SECTION-C		
Q 10	Explain storage virtualization, network Virtualization, desktop Virtualization.	20	CO2
Q 11	Explain the Hybrid Cloud with Suitable Example. Or What are the Suitable and Non-Suitable workload explain them briefly	20	CO3, CO4