UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
End Semester Examination, December 2022

Course: Cloud Analytics Tools   Semester: 5th
Program: B.Tech-CSE-LLB   Time   : 03 hrs.
Course Code: CSVT3018   Max. Marks: 100

Instructions: All questions are compulsory.

S. No.	SECTION A (5Qx4M=20Marks)	Marks	CO
Q 1	Define virtualization. Describe the advantages and disadvantages of virtualization.	4	CO1
Q 2	Explain Cloud Computing? Illustrate the need of Cloud Computing?	4	CO1
Q 3	Classify different Cloud service providers with their specific area of specialization.	4	CO3
Q 4	Write short note on Lenovo's increase in efficiency and PepsiCo's reduction in time.	4	CO4
Q 5	Evaluate the best practices used for business query and reporting management.	4	CO5

	SECTION B (4Qx10M= 40 Marks)		
Q 1	Explain operating system virtualization with its working principal and architectural diagram.	10	CO2
Q 2	Draw architectural diagram of Cloud Computing. Explain with its different components.	10	CO3
Q 3	Explain and differentiate different type of cloud deployment models.	10	CO1
Q 4	Draw traditional business intelligence model and explain with its different properties. OR Elaborate modern business intelligence architecture with its different components.	10	CO4

	SECTION-C (2Qx20M=40 Marks)		
Q 1	Explain the working principal behind OLAP with its architectural diagram. OR	20	CO4

	Elaborate the layer metadata model with properties of each layer in detail.		
Q 2	Illustrate task automation in detail. How to automate task with the help of different automation tools.	**20**	**CO5**