Name:	
Enrolment No:	

UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
Online End Semester Examination, Dec 2022

Course: Data Analytics for IoT   **Semester: VII**
Program: B.Tech CSE all specializations   **Time 03 hrs.**
Course Code: CSBA 4015   **Max. Marks: 100**

SECTION A

S. No.		Marks	CO
Q 1	Discuss, how predictive analytics is different than descriptive analytics?	**4**	**CO1**
Q 2	Describe Prescriptive analysis with an example.	**4**	**CO1**
Q 3	Describe the five key areas of strategy.	**4**	**CO1**
Q 4	Briefly describe the key features of IBM Watson IoT Platform	**4**	**CO4**
Q 5	Discuss the dashboard design rules for analytics.	**4**	**CO2**
	SECTION B		
Q 6	Describe the "Harrah's Case" scenario in context of impact of business intelligence.	**10**	**CO3**
Q 7	Discuss the different adoption structures for Bigdata analysis? Also list the two amendments that are required to bring Bigdata and Cloud together.	**10**	**CO3**
Q 8	Describe the characteristics of Bigdata in terms of four V's.	**10**	**CO2**
Q 9	List and compare various data analyzing tools for IoT.	**10**	**CO3**
	SECTION-C		
Q 10	Briefly describe Multidimensional database. Explain the conceptual modeling of data warehouses in detail.	**20**	**CO4**
Q 11	List the OLAP server architectures. Describe the typical OLAP operations with an example.	**20**	**CO1, CO2, CO4**