

Name:	 UPES <small>UNIVERSITY WITH A PURPOSE</small>
Enrolment No:	

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

Course: Data Analytics for IoT
Program: B.Tech CSE all specializations
Course Code: CSBA 4015

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

SECTION A

S. No.	Question	Marks	CO
Q 1	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	What are 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