

Name:	 UPES UNIVERSITY WITH A PURPOSE
Enrolment No:	

UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
Online End Semester Examination, Dec 2020

Course: Descriptive Analytics for IoT	Semester: V
Program: B.Tech CSE with spz in IoT & Smart Cities	Time 03 hrs.
Course Code: CSIS 3006	Max. Marks: 100

SECTION A

S. No.		Marks
Q 1	How predictive analytics is different than descriptive analytics?	5
Q 2	Describe Prescriptive analysis with an example.	5
Q 3	Describe the five key areas of strategy.	5
Q 4	What is the functional architecture of IoT. (Only drawing the figure is sufficient)	5
Q 5	Briefly describe the key features of IBM Watson IoT Platform	5
Q 6	Discuss the dashboard design rules for analytics.	5

SECTION B

Q 7	Describe the “Harrah’s Case” scenario in context of impact of business intelligence.	10
Q 8	What are the different adoption structures for Bigdata analysis? Also list the two amendments that are required to bring Bigdata and Cloud together.	10
Q 9	Describe the characteristics of Bigdata in terms of four V’s.	10
Q 10	List and compare various data analyzing tools for IoT.	10
Q 11	List the OLAP server architectures. Describe the typical OLAP operations with an example.	10

SECTION-C

Q 12	Briefly describe Multidimensional database. Explain the conceptual modeling of data warehouses in detail.	20
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