UPES
UNIVERSITY OF TOMORROW

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

Program Name: B.Tech CSE+All   **Semester   : V**
Course Name   : Introduction to Business Analysis   **Time   : 3 hr**
Course Code   : CSBA3014P   **Max. Marks : 100**
Nos. of page(s)   : 2

SECTION A

S. No.	Attempt all the Questions.	Marks	CO
Q 1	Identify the tools useful in Big Data.	4	CO4
Q 2	Locate three-tier Data Warehouse Architecture.	4	CO3
Q 3	List the Characteristics of Big Data.	4	CO4
Q 4	List the Advantages of Hadoop.	4	CO3
Q 5	Describe role of data analyst in detail.	4	CO1

SECTION B
Each question will carry 10 marks

Q 6	Describe the term "Big Data" and its need.	10	CO4
Q 7	Discuss the term "data analytics" and "data mining" tools in detail.	10	CO1,CO2

Q 8	Discuss your understanding of the following:
	    A. Data analyst vs. Data Scientist
	    B. OLAP
		10	CO1, CO2

Q 9	Differentiate between data warehouse and data mining. OR Differentiate between data warehouse and data mart.	10	CO3

SECTION C

Q 10	A. List the benefits and Barriers of Big Data Analytics. B. Describe the 3V's of Big Data in detail.	20	CO4
Q 11	A. Difference between Data Warehouse and Data Mart. B. Difference between Predictive Analytics and Prescriptive Analytics. OR	20	CO1, CO3

	A. Discuss the trends for Big Data Analytics. B. Describe the structure of Big Data and need for standards in detail.		