

Name:  
Enrolment No:



## 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,C O2
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

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