


Name:	
Enrolment No:	

UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
Supplementary Examination, DEC 2023

Program Name: B.Tech (CSE)
Semester : VII
Course Name : Business Intelligence **Time : 03 hrs.**
Course Code : CSBA 3003 **Max. Marks : 100**
Instructions: All questions are compulsory

SECTION A **5Q X 4M = 20 Marks**

S. No.	Question	Marks	CO
Q 1	Discuss the importance of Business Intelligence.	4	CO1
Q 2	Describe project task and events by illustrating example.	4	CO2
Q 3	Explain features of data warehouse and discuss its importance in detail.	4	CO1
Q 4	Write the significance of building reports in BI.	4	CO3
Q 5	Define the features of data backup and restore.	4	CO4

SECTION-B **4Q X 10M = 40 Marks**

Q 6	Explain the application of SDK in the actual world.	10	CO1
Q 7	Write detailed explanation of SaaS by outlining its features and advantages.	10	CO1
Q 8	Explain in detail the Drill-up and Drill-down Capabilities.	10	CO3
Q 9	Differentiate two data processing systems – OLAP and OLTP in detail.	10	CO4

SECTION-C **2Q X 20M = 40 Marks**

Q 10	Discuss multidimensional modelling of data warehouse along with schemas. Also, demonstrate report building with a case study.	20	CO3
Q 11	Describe various EPM in BI using any case study. Also define the difference between phased and incremental BI road map in BI deployment. OR List and explain 3A's in the security of power BI. Mention various factors of information security in detail and their impact in BI solutions.	20	CO4