

Name:  
Enrolment No:



**UNIVERSITY OF PETROLEUM AND ENERGY STUDIES**

**End Semester Examination, DEC 2022**

**Program Name: BT-CSE-Spz-BLCH, CSF, GG, IOT & SC**

**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	Define the scope and purpose of BI. Is they fit into existing infrastructure. If yes, explain.	4	CO1
Q 2	Describe the events and automated tasks. Brief using example.	4	CO2
Q 3	Explain data warehouse and discuss its characteristics.	4	CO2
Q 4	Discuss about scorecards using example.	4	CO3
Q 5	Explain data backup and restoring in BI security.	4	CO4

**SECTION-B**

**4Q X 10M = 40 Marks**

Q 6	Illustrate SaaS in detail by defining its characteristics along with benefits of SaaS.	10	CO1
Q 7	Explain setting up of data in BI by taking example.	10	CO1
Q 8	Discuss different stages of BI projects in detail manner.	10	CO3
Q 9	Describe architecture of Data warehouse step by step.	10	CO4

**SECTION-C**

**2Q X 20M = 40 Marks**

Q 10	Using case study illustrate report building. Also explain in detail the Drill-up and Drill-down Capabilities.	20	CO3
Q 11	Explain centralized architecture of BI model diagrammatically and illustrate the differences and advantages of centralized over decentralized architecture of BI model.  OR  Explain Single Sign-on (SSO) in detail with its benefits. Define it effects on BI solutions with the help of example.	20	CO4