

BACHELOR OF TECHNOLOGY (CBCS) (2021-COURSE)
B. Tech. Sem - VI COMPUTER SCIENCE & ENGINEERING : WINTER : 2024
SUBJECT: ITC-IV: BUSINESS INTELLIGENCE SYSTEM

Day : Wednesday
Date : 27/11/2024

W-25595-2024

Time : 10:00 AM-01:00 PM
Max. Marks : 60

N.B.

- 1) All questions are **COMPULSORY**.
- 2) Figures to the **RIGHT** indicate **FULL** marks.
- 3) Assume suitable data **WHEREVER** necessary.
- 4) Draw neat labeled diagrams **WHEREVER** necessary.

Q.1 Explain the role of SaaS and cloud-based technology in modern BI solutions. (10)
Describe the components and architecture of BI.

OR

Q.1 How can organizations create a user-centric BI experience and support the needs of senior executives, including performance management? (10)

Q.2 Discuss the significance of dashboards, scorecards, and metadata modes in BI. (10)

OR

Q.2 Explain the impact of real-time monitoring, mobile BI, and collaboration features in a BI solution. (10)

Q.3 Outline the critical steps in planning a BI project and mitigating risks. (10)

OR

Q.3 How can organizations measure the success of a BI project and justify its costs? (10)

Q.4 Explain how user requirements are collected, prioritized, and validated for a BI project. (10)

OR

Q.4 What are best practices for BI design and development? How can organizations evaluate post-implementation effectiveness? (10)

Q.5 Compare building reports with relational and multidimensional data models. Describe types of reports and their functionalities. (10)

OR

Q.5 How do drilling capabilities and output options enhance report functionality? (10)

Q.6 Compare centralized and decentralized BI architectures. Discuss the importance of phased BI roadmaps. (10)

OR

Q.6 Explain the key aspects of BI security and administration, including authentication, authorization, and access permissions. (10)
