

BACHELOR OF TECHNOLOGY (CBCS) (2020 COURSE)  
B.Tech.Sem - VI Computer Science & Engineering : WINTER : 2023  
SUBJECT : ITC-IV: BUSINESS INTELLIGENCE SYSTEM

Day : Friday

Time : 10:00 AM-01:00 PM

Date : 24-11-2023

W-24328-2023

Max. Marks : 60

**N.B.:**

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Draw neat and labelled diagram **WHERE-EVER** necessary.
- 4) Assume suitable data if necessary.

Q.1 Explain the concept of business intelligence and its components in detail. What are the different factors responsible for successful business intelligence projects? Explain in brief. [10]

OR

Q.1 Explain components of ETL architecture with the help of neat diagram. [10]

Q.2 What are the various types of reports? Explain Ad-hoc reporting in detail. [10]

OR

Q.2 What is OLAP? Explain operations of OLAP in detail. [10]

Q.3 How to measure the success of business intelligence project? Explain in detail. [10]

OR

Q.3 Explain the following terms in detail: [10]  
a) Project Resource Management  
b) Project Task Management

Q.4 Explain different ways to maintain Business Intelligence Environment. [10]

OR

Q.4 How to organize requirements as a Business Analyst? Explain in detail. [10]

Q.5 Explain types of data models with example. Compare primary key and foreign keys in data model. [10]

OR

Q.5 Explain the following terms in detail: [10]  
a) Data grouping and sorting  
b) Data filtering and adding calculations to reports

Q.6 Explain traditional business intelligence architecture and identify at least three alternative architectures that can be used to support business intelligence. [10]

OR

Q.6 Explain major end use provisions for business intelligence in detail. [10]

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