



41623/F230

Reg. No.

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VI Semester B.C.A. UG Examination, September - 2020

BUSINESS INTELLIGENCE

(Regular)

Time : 3 Hours

Maximum Marks : 80

Instructions to Candidates:

- 1) All Sections are compulsory.
- 2) Draw diagrams wherever necessary.

SECTION - A

Answer **ALL** the questions.

(10×2=20)

1.
 - a) What is meant by ERP?
 - b) List & Explain briefly any two challenges faced while storing unstructured data.
 - c) Describe the BI value chain.
 - d) Mention the advantages of OLTP system.
 - e) What is ODS?
 - f) What is Data Profiling?
 - g) Mention different types of dimension table.
 - h) List any four dimensions of data quality.
 - i) What are the features of good reporting?
 - j) What is Balanced Score Card?

SECTION - B

Answer any **FOUR** questions.

(4×5=20)

2. Explain core business process of an enterprise.
3. Explain the different types OLAP architectures.
4. What are the goals that a data warehouse meant to achieve?
5. Explain the data modelling techniques.
6. What are Dashboards? How is balanced score card different from an enterprise dashboard?

[P.T.O.]

**SECTION - C**

Answer any **FOUR** questions.

(4×10=40)

7. Explain the malcolm Baldrige criteria for performance excellence framework with a neat diagram.
 8. a) What is the single version of truth in BI? Explain with the help of an example.
b) State the difference in data models for OLTP & OLAP.
 9. Describe the business component framework with diagram.
 10. a) What is data integration? Explain the data integration techniques.
b) What is fact table? Explain the different types of facts.
 11. Explain the various types of report Layouts.
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