

2211000609040001
EXAMINATION NOVEMBER 2024
BACHELOR OF SCIENCE (INFORMATION TECHNOLOGY)
(MASTER OF SCIENCE (INFORMATION TECHNOLOGY) 5
YEAR INTEGRATED COURSE) (NINTH SEMESTER)
BUSINESS INTELLIGENCE - LEVEL 4

[Time: As Per Schedule]

[Max. Marks: 70]

Instructions:

1. Fill up strictly the following details on your answer book

- a. Name of the Examination : **BACHELOR OF SCIENCE (INFORMATION TECHNOLOGY) (MASTER OF SCIENCE (INFORMATION TECHNOLOGY) 5 YEAR INTEGRATED COURSE) (NINTH SEMESTER)**
- b. Name of the Subject : **BUSINESS INTELLIGENCE - LEVEL 4**
- c. Subject Code No : **2211000609040001**

2. Sketch neat and labelled diagram wherever necessary.
3. Figures to the right indicate full marks of the question.
4. All questions are compulsory.

Seat No:

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Student's Signature

Q.1 Attempt any two questions:

14

- a) Explain different types of approaches to build a datawarehouse.
- b) What is metadata? Explain classification of metadata.
- c) Why is datawarehouse called as subject oriented, integrated and non-volatile? Explain with example.

Q.2 Attempt any two questions:

14

- a) What is ETL? Explain Extraction process in SSIS
- b) Write a note on connection manager.
- c) Does DW allow to make changes in data? Justify and explain your answer in detail.

Q.3 Attempt any two questions:

14

- a) What are different components of SSRS?
- b) What is transformation? Explain various transformations.
- c) What are junk dimensions, degenerate dimensions, factless fact table, fact table, Coverage table, out triggered table, Dimensional Analysis.

Q.4 Attempt any two questions:

14

- a) Differentiate between Data warehouse and DataMart.
- b) What is OLAP. Explain its different types.
- c) Explain clustering in detail.

Q.5 Attempt any two questions:

14

- a) Write a note on classification.
- b) Explain file system task in detail.
- c) Explain data lake in detail
