

RAN-2211000609040001

M.Sc. (IT) (Sem. IX) Examination November - 2025
Business Intelligence (New) (Paper - 904)

Time: 3 Hours]
[Total Marks: 70
સૂચના : / Instructions

- (1) ઉપરોક્ત દર્શાવેલ વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
 Fill up strictly the above details on your answer book.
- (2) Draw the Figure and give example wherever necessary.

Seat No.:

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Student's Signature

Q. 1. Answer the following questions: (14)

- 1) Write a note on components of Data warehouse. (06)
- 2) Write a detailed note on information crisis. (04)
- 3) Write a note on classification of meta data.

OR

Differentiate data warehouse and data mart. (04)

Q. 2. Answer the following questions: (14)

- 1) Explain various features of data warehouse. (05)

OR

Explain different types of data loading in detail.

- 2) Explain variable and parameter in SSIS. (05)
- 3) Explain variable enumerator with an example. (04)

Q. 3. Attempt the following questions: (14)

- 1) Explain File connection manager in detail. (05)
- 2) Explain multicast, percentage sampling transformation in detail. (05)
- 3) What are enumerators? Explain file enumerator in detail. (04)

OR

Explain Lookup transformation in SSIS.

Q. 4. Attempt the following questions: (14)

- 1) Write a note on 'Need for Data Lake' (05)
- 2) Compare and Contrast Data warehouse and Data Lake. (05)
- 3) What is script task in SSIS? (04)

Q. 5. Attempt the following questions: (14)

- 1) Write a note on components of Power BI. (06)

OR

Explain Data Lake in detail. Also explain fabric in short.

- 2) Explain start schema in detail. How can we create it in Power BI? (05)
- 3) What is a measure? Can we create it in Power BI? (03)