


RAN-2408000602010002
F.Y. B.Com. (Data Science) (Sem. - II) Examination November - 2025
Major - Data Processing Techniques
[Total Marks: 50
સૂચના : / Instructions

- (1) ઉપરોક્ત દર્શાવેલ વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fill up strictly the above details on your answer book.

Seat No.:

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Student's Signature

Q. 1. Answer the following in short (Any 5) (10)

1. What is Data binding?
2. What is missing values?
3. What is the difference between classification and clustering?
4. Define Data Aggregation.
5. What is sampling?
6. What is the difference between overfitting and underfitting in machine learning?
7. What is noisy data?

Q. 2. Answer the following in details (Any 2) (14)

1. Explain Keys of Data Collection Process.
2. Explain Applications of Data Preprocessing.
3. Explain Method of Data Collection.
4. Explain Data Integration techniques.

Q. 3. Answer the following in details (Any 2) (14)

1. Explain the data processing cycle.
2. Why data cleaning is important?
3. What is Data Preprocessing. Explain Advantages and Disadvantages.
4. Write Advantages and disadvantages of data cleaning.

Q. 4. Write a short note (Any 2) (12)

1. Data Discretization.
2. Data Transformation Process.
3. Needs of data preprocessing
4. Data collection tools