

**2408000602010002**  
**EXAMINATION FEBRUARY-MARCH 2024**  
**BACHELOR OF COMMERCE (SECOND SEMESTER) (NEP)**  
**MAJOR - DATA PREPROCESSING TECHNIQUES - LEVEL 1**

[Time: As Per Schedule]

[Max. Marks: 50]

**Instructions:**

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

- a. Name of the Examination: **BACHELOR OF COMMERCE (SECOND SEMESTER) (NEP)**
- b. Name of the Subject: **MAJOR - DATA PREPROCESSING TECHNIQUES - LEVEL 1**
- c. Subject Code No: **2408000602010002**

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 Answer the following in short (Any 5)**

**10**

1. What is Data clustering?
2. What is noisy data?
3. What is missing values?
4. What is sampling?
5. Define Data Aggregation.
6. What is redundancy detection?
7. What is Dark data?

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

**14**

1. What is Data Collection? To collect high-quality data that is relevant to your purposes, follow these four steps.
2. Explain the key steps in data collection process.
3. Discuss with Data Discretization.
4. Explain Data Integration techniques.

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

**14**

1. Explain Advantages data transformation
2. Explain the data processing cycle.

3. Why data cleaning is important?
4. Write Advantages and disadvantages of data cleaning.

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

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1. Need of Data Collection.
2. Data Integration
3. Data Discretization
4. Data Transformation Process

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