

Register No.:

**932**

**April 2023**

***Time – Three hours  
(Maximum Marks: 100)***

- N.B.**
1. Answer all questions under Part-A. Each question carries 3 marks.
  2. Answer all the questions either (A) or (B) in Part-B. Each question carries 14 marks.

**PART – A**

1. List the components of the data base.
2. State the Applications of Data Mining.
3. Define Normal forms.
4. Write about backing up databases.
5. What is the use of Truncate command?
6. What is the use of IFNULL()?
7. Define Joins.
8. List out the types of Index.
9. Define trigger.
10. State the need for own MySQL programs.

**PART – B**

- 11 A) Explain in detail about three level architecture with neat diagram.

(OR)

- B) Explain about the tools used in Big data.

[Turn over...

12 A) How to install MySQL on Windows? Explain with diagram.

(OR)

B) (i) List the different types of keys available in MySQL with example. (7)

(ii) Explain Domain Level constraints with example.(7)

13 A) (i) Explain about CREATE TABLE command with example. (7)

(ii) Explain about working with MySQL Databases with example.(7)

(OR)

B) Explain about Single Row Numeric functions with example.

14 A) Explain in detail about sequences with example.

(OR)

B) (i) Explain order by and limit handling used in query with an example. (7)

(ii) Illustrate the different user permissions exists in MySQL. (7)

15 A) (i) How to create a stored procedure with an example. (7)

(ii) Explain about creating stored function with an example. (7)

(OR)

B) Explain about MySQL Application Program Interfaces.

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