

Anjuman Islam Janjira Degree College of Science Murud-Janjira, Raigad-402401 Affiliated to University of Mumbai As per NEP 2020	
Class: -S.Y.Bcom (Accounting and Finance)	Subject: - Minor- Open source database MySQL
Semester:- IV	Vertical:- Minor
Exam Event:- Summer 2026 (FH)	Marks: - 30
Date: - 07/03/2026	Duration: - 01:00 Hour

- N.B. –**
- 1 – All questions are compulsory.
 - 2 – All questions have internal choice.
 - 3 – Figures to the right indicate full marks.



Q1. Answer the following question. (Any 2 out of 4)

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- 1) What is DBMS with its benefits
- 2) Difference between Database, Excel and Text file
- 3) Describe CODD's 12 rules of relational database system
- 4) Illustrate the use of functions COUNT, AVG, MIN, MAX and SUM.

Q2. Answer the following question. (Any 2 out of 4)

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- 1) Explain FOREIGN KEY and PRIMARY KEY constraints and their role in maintaining data accuracy.
- 2) Compare and Analyze LEFT JOIN and RIGHT JOIN with simple examples.
- 3) Construct SQL Queries using CONCAT, LENGTH, UPPER, LOWER, and TRIM with examples.
- 4) Analyze the role of COMMIT and ROLLBACK and how they manage database changes

Q3. Answer the following question. (Any 2 out of 4)

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- 1) What is SQL and explain why SQL is important?
- 2) Explain creating and managing databases
- 3) Examine and demonstrate the process of updating and deleting views in MySQL.
- 4) Apply and illustrate the use of NOW (), DAY (), MONTH (), and YEAR () with examples.