



A Charutar Vidya Mandal's Institution
V.P. & R.P.T.P. SCIENCE COLLEGE

(AUTONOMOUS) (Grant-in-Aid)
Affiliated to Sardar Patel University
VALLABH VIDYANAGAR-388120



Bachelor of Science (Semester-5) Internal Examination - 2025
USO5MACSC02 : RELATIONAL DATABASE MANAGEMENT SYSTEM

Date: 23/09/2025

Time: 10:45 AM to 12:15 PM

Total marks :30

Q-1 Multiple Choice Question: (6 Marks)

1. Rows of the relation are referred as.
A. Relationship B. Tuples C. Attributes D. Record
2. Attributes are shown in ER- Diagrams.
A. Oval B. Line C. Diamond D. Rectangle
3. Rollback query is belonging to _____ type of query.
A. TCL B. DDL C. DML D. DCL
4. The data held across the primary key column must be _____.
A. Unique B. Repetitive C. NULL D. Simple
5. For character data-types the _____ sign matches any string.
A. _ B. & C. % D. \$
6. To reduce redundant data to the minimum possible and object is created called a _____.
A. Synonym B. Views C. Sequences D. Indexes



Q-2 Explain E.F. Codd rules. (6 Marks)

OR

Q-2 Explain different types on architecture. (6 Marks)

Q-3 Explain update statement with its syntax and example. (6 Marks)

OR

Q-3 List various basic data types used in oracle. Explain in detail. (6 Marks)

Q-4 Explain the concept of data constraints with example. (6 Marks)

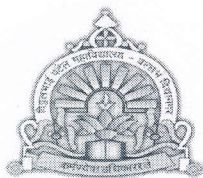
OR

Q-4 List all the operators used in SQL and Explain any one of them with example. (6 Marks)

Q-5 What is transaction processing? Explain the commit, rollback. (6 Marks)

OR

Q-5 What is use of sequences? Explain creating & dropping it with example. (6 Marks)



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B.Sc (Semester 5) Quiz - 2025

US05MACSC02 : RELATIONAL DATABASE MANAGEMENT SYSTEM

Date: 23/09/2025 Day: Tuesday

Time: Maximum 20 minutes

Total marks :15

Q-1 Fill in the blanks with appropriate answer given in the bracket.

[08]

- (i) Derived attributes are shown in _____.
- (ii) _____ integrity constraints is used to maintain the consistency among in the two Relations.
- (iii) _____ SQL PLUS command is use to open notepad editor for modifying last executed query.
- (iv) _____ command is use to change a content of table.
- (v) Business rules, which are enforced on data being stored in a table, are called _____.
- (vi) Functions that act on only one value at a time are called _____.
- (vii) A Sub query is also termed as _____ query.
- (viii) _____ makes and saves the current points the processing of transaction.

Q-2 Whether the following statement is true or false. Write your answer in the box

[07]

- (i) One conceptual schemes are available per database. []
- (ii) Modify Command is use to modify structure of a table. []
- (iii) Maximum number of characters allowed in varchar data type is 255. []
- (iv) Foreign key represents relationships between tables. []
- (v) Table level constraints are stored as a part of the Local table definition. []
- (vi) The address field of an index is called column id. []
- (vii) The concept of joining multiple tables is called Edit join. []

