

SEAT No. \_\_\_\_\_

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SARDAR PATEL UNIVERSITY  
BCA SEM III EXAMINATION 2022 (On Demand – NC)  
US03CBCA01 - RELATIONAL DATABASE MANAGEMENT SYSTEM - I

Date : 14-06- 2022, Tuesday Time: 12.00 PM to 02.00 PM

Marks: 70

**Q.1 Multiple Choice Questions**

[10]

1. \_\_\_\_\_ is not three-schema architecture for a database?  
A. Hierarchical B. Physical C. Network D. Relational
2. Relation can be referred as a \_\_\_\_\_.  
A. Row B. Table C. Attributes D. Data
3. \_\_\_\_\_ Statement is use to delete a table structure.  
A. Connect B. Update C. Delete D. drop
4. \_\_\_\_\_ SQL PLUS command is use to execute a command file.  
A. Connect B. Save C. Start D. Spool
5. Business rules, which are enforced on data being stored in a table, are called \_\_\_\_\_.  
A. NULL B. Constraint C. Unique D. Protocol
6. \_\_\_\_\_ represents relationships between tables.  
A. Foreign Key B. Primary Key C. Unique D. Default
7. Sub query is also termed as \_\_\_\_\_ query  
A. View B. Nested C. Index D. Joins
8. Functions that act on only one value at a time are called \_\_\_\_\_.  
A. Aggregate B. Scalar C. Group D. Multiple Row
9. \_\_\_\_\_ Privilege allows the grantee to query the table.  
A. Insert B. Select C. Update D. Delete
10. The \_\_\_\_\_ clause is another section of the selection of the select statement.  
A. Group by B. Having C. Sub-query D. Where

**Q.2 Do As Directed.**

[08]

1. \_\_\_\_\_ conceptual schemes are available per database?
2. \_\_\_\_\_ is use with select statement to arrange records in ascending order or descending order.
3. For character data-types the \_\_\_\_\_ sign matches any string.
4. The \_\_\_\_\_ function returns number of months between two dates.
5. Attributes are shown in ER- Diagrams with oval. [T / F]
6. ED command is use to open notepad editor for modifying last executed query. [T / F]
7. The data held across the primary key column must be unique. [T / F]
8. Setting a NULL value is appropriate when the actual value is unknown. [T / F]

**Q.3 Answer the following. [Any 10]**

**[20]**

1. What is tuple?
2. Define attributes with example
3. Draw the three level architecture of DBMS.
4. Discuss : set pageline
5. Explain order by clause with syntax and example
6. Explain update statement in brief.
7. Explain use of BETWEEN operator in concern with rang searching.
8. Define concept of DUAL table with example.
9. What is Table level Constraints?
10. What is join? List all types of joins.
11. How user can add the grant privilege explains with example.
12. Explain the use of savepoint.

**Q.4 Answer the following question [Any 04]**

**[32]**

1. List all CODD's rules and explain Any Five in detail.
2. What is data model? Explain Network model in detail.
3. How user can create table and insert record explain with update syntax and example.
4. List all data types available in oracle and explain any two of them in detail.
5. List all scalar functions available in oracle and explain any four with and example.
6. Define primary key and foreign key concept with appropriate example.
7. Explain the concept of sequences with syntax and example.
8. What is index? Explain creation of simple & composite index.

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