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SEAT No. _____



No. of Printed Pages: 02

SARDAR PATEL UNIVERSITY
External Examination (CBCS)
B. Sc. (Computer Science) – 5th Semester
US05CCSC23: Relational Database Management System
25th November, Thursday, 2021

Time: 3.00pm to 5.00pm

Total Marks: 70

Q-1 Select an appropriate option.

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1. Which of the following is not three-schema architecture for a database?
(a) Hierarchical (b) Physical (c) Network (d) Relational
2. E-R model means _____.
(a) Entity Relationship (b) Entity relative
(c) Every references (d) Equity relationship
3. Column of the relation are referred as _____.
(a) Relationship (b) Tuples (c) Attributes (d) Record
4. _____ query is of type DDL.
(a) Insert (b) Update (c) Delete (d) Create
5. _____ Clause is use with select statement to arrange records in ascending order or descending order.
(a) Order (b) Order by (c) Arrange (d) Arrange by
6. Rollback query is belonging to _____ type of query.
(a) TCL (b) DDL (c) DML (d) DCL
7. A _____ value can be inserted into the columns of any data type.
(a) NULL (b) UNIQUE (c) NOT NULL (d) INDEX
8. For character data-types the _____ sign matches any string.
(a) _ (b) & (c) % (d) \$
9. The _____ clause is another section of the selection of the select statement.
(a) Group by (b) Having (c) Sub query (d) Where
10. A _____ is a form of an SQL statement that appears inside another SQL statement.
(a) Index (b) Sub query (c) Union (d) Group by

Q-2 Fill in the blanks / True or False

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1. _____ integrity constrains states that no primary key value can be null.
2. _____ integrity constrains is used to maintain the consistency among in the two relations.
3. _____ statement is use to delete a table structure.

(P.T.O.)

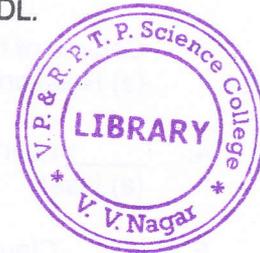


4. _____ command is use to modify structure of a table.
5. Foreign key represents relationships between tables. (True / False)
6. A check integrity constraint requires that a condition be TRUE or UNKNOWN for the row to be processed. (True / False)
7. The grant statement provides various types of access to database object. (True / False)
8. To reduce redundant data to the minimum possible and object is create called a Synonym. (True / False)

Q-3 Answer the following questions. (Attempt any TEN)

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1. Draw the three-level architecture of DBMS.
2. What is tuple?
3. What is domain?
4. Explain order by clause in brief.
5. What is DDL? List types of queries available under DDL.
6. Explain any two datatypes available in oracle.
7. List all the Operators used in SQL.
8. What is table level Constraints?
9. How UNIQUE key can apply at table level?
10. Explain Group By clause.
11. What is sub query?
12. What is synonym?



Q-4 Answer the following questions. (Attempt any FOUR)

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1. Explain relational data model.
2. Explain code rules.
3. Explain create statement with its syntax and example.
4. Explain various ways to insert records in a table.
5. Explain the concept of Foreign Key with example.
6. Discuss how user can apply Primary Key?
7. What is view? Why it is created? Explain its syntax with example.
8. What is use of sequences? Explain creating & dropping it with example.

← X ←

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