

SEAT No. _____

No. of Printed Pages : 2

[94]

SARDAR PATEL UNIVERSITY
B.Sc.Examination, SEMESTER – V: December - 2020
COMPUTER SCIENCE

US05CCSC23: Relational Database Management System

Date : 28-12-2020, Monday Time : 02:00pm to 04:00pm Max. Marks: 70

Q.1 Multiple choice of Question:

10

1. How many conceptual schemes are available per database?
A. One B. Two C. Three D. Four
2. Which of the following scheme continues the definition of the store record?
A. Internal B. Relational C. Conceptual D. Physical
3. Rows of the relation are referred as _____.
A. Relationship B. Tuples C. Attributes D. Record
4. _____ Clause is use with select statement to arrange records in ascending order.
A. Order B. Order by C. Arrange D. Arrange by
5. Maximum number of characters allowed in varchar data type is _____.
A. 250 B. 255 C. 4000 D. 4500
6. _____ SQL PLUS command is use to execute a command file.
A. Connect B Save C. start D. spool
7. The _____ function returns an integer value corresponding to the UserID of the user currently logged in.
A. ROWID B. USER C. UID D. ROWNUM
8. _____ represents relationships between tables.
A. Foreign Key B. Primary Key C. Unique D. Default
9. The _____ statement provides various types of access to database object.
A. Select B. privileges C. Revoke D. grant
10. _____ Privilege allows the grantee to query the table.
A. Insert B. Select C. Update D. Delete

Q.2 Fill in the blanks and True/False.

08

1. Column of the relation is referred as _____.
2. Attributes are shown by symbol _____ in ER- Diagrams.
3. Rollback query is belonging to _____ type of query.
4. _____ keyword is use with order by clause to arrange record in descending order of the column specified.
5. DECODE is a handy value-substitution mechanism that returns plain english equivalents for a coded fields. [True / False]
6. The Between_Month function returns number of months between two dates. [True / False]
7. Save point makes and saves the current points the processing of transaction. [True / False]
8. To reduce redundant data to the minimum possible and object is create called a indexes. [True / False]

[4]

[P.T.O.]

Q.3 Answer the following questions in short Any 10.:

20

1. What is domain?
2. Explain relationship.
3. List types of relationship?
4. Write advantages of SQL in brief.
5. Explain the term: set pagesize.
6. Explain distinct clause in brief.
7. Explain concept of DUAL table.
8. Differentiate: Null value and an Empty String.
9. Write down the syntax to apply a Foreign Key at Table level.
10. What are indexes?
11. What is row id? List the type of row id.
12. List the type of Index.

Q.4 Answer the following questions in long Any 4.

32

1. Explain code rules.
2. Explain three different data models.
3. Explain update and alter statements with syntax and example.
4. List and explain different types of commands under DML category with syntax and example.
5. List all Aggregate functions available in oracle and explain any Three of them with syntax and example.
6. Explain the concept of CHECK and UNIQUE key constraints with example.
7. What is cursor? Explain all cursor attributes with example.
8. What is use of sequences? Explain creating & dropping it with example.

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[2]