

[46/A-14]

SARDAR PATEL UNIVERSITY  
M.Sc.IT(Inegrated) Examination, 3<sup>rd</sup> Semester  
Thursday, 27<sup>th</sup> October, 2016.  
Time: 02:00 P.M to 5:00 P.M  
Subject Code: PS03CIIT04

Subject :-Relational Database Management System-I

Total Marks: 70

Q.1 Multiple Choice Questions :

[ 10 ]

1. Which integrity constrains states that no primary key value can be null.  
A. Entity B. Domain  
C. Simple D. Referential
2. E-R model means.  
A. Entity Relationship B. Entity Relative  
C. Every References D. Equity Relationship
3. Derived attributes are shown in  
A. Dotted B. Underline  
C. Line D. Arrow
4. \_\_\_\_\_ Query is type of DML.  
A. Create B. Alter  
C. Drop D. Delete
5. Maximum number of characters allowed in varchar data type is \_\_\_\_\_.  
A. 250 B. 255  
C. 4000 D. 4500
6. Rollback query is belonging to \_\_\_\_\_ type of query  
A. TCL B. DDL  
C. DCL D. DML
7. The \_\_\_\_\_ function converts a value of a DATE data-type to CHAR values..  
A. TO\_NUM B. TO\_DATE  
C. TO\_NUMBER D. TO\_CHAR
8. The \_\_\_\_\_ function returns number of months between two dates.  
A. month\_between B. between\_month  
C. between D. month
9. Sub query is also termed as \_\_\_\_\_ query.  
A. Nested B. view  
C. index D. joins
10. The \_\_\_\_\_ Privilege allows the grantee to query the table..  
A. Insert B. Update  
C. Select D. Delete

**Q.2 Explain any Ten**

[ 20 ]

1. Explain the use of commit.
2. List down Object Privileges.
3. What is the use of set pause function in sql Report?
4. Explain TAB table.
5. List down types of Relationship.
6. List the diff. types of joins.
7. Explain use of BETWEEN operators in concern with Rang searching.
8. Write advantages of SQL.
9. Explain order by clause in brief.
10. What is Tuple?
11. What is the meaning of 'IN' Operator?
12. List Integrity Constraints.

Q.3 Explain Codd Rules in detail. [10]

**OR**

Q.3 What is E-R diagram? Explain and Draw the all Symbol of E-R diagrams. [10]

- Q.4 A. List various basic data types used in oracle. Explain in detail [ 6 ]  
B. Explain Update statement. [ 4 ]

**OR**

- Q.4 A. Explain Delete statement. [ 4 ]  
B. Explain various ways to change structure of a table using alter statement. [ 6 ]

- Q.5 A. Define Primary key and foreign key concept with appropriate illustration. [ 6 ]  
B. Explain any two Aggregate function with syntax and example. [ 4 ]

**OR**

- Q.5 A. List all Scalar functions available in oracle and explain any Three of them  
With appropriate syntax and example. [ 6 ]  
B. Explain the concept of Check constraint with example. [ 4 ]

- Q.6 A. Explain Following Report Command with Proper syntax and Example. [ 6 ]  
(1)Compute(2)Ttitle (3)BTitle  
B. What is index? Explain creation of simple & composite index. [ 4 ]

**OR**

- Q.6 A. Explain Sequence in detail with syntax and Example. [ 6 ]  
B. What is view? Why it is created, explain it syntax & example. [ 4 ]

ALL THE BEST

—————x (2) —————x—————