SARDAR PATEL UNIVERSITY
M.Sc.(Information Technology) : FIRST SEMESTER EXAMINATION
PS01CINT23 (RDBMS & Client Server Computing)
27[h] October 2018, Saturday

Time: 10 AM To 1 PM   **Marks: 70**

Q1. **Give Answers of following Multiple Choice Questions.**   **[08]**

1   Which one of the following SQL commands is used to destroy a STUD table?
    (A) Destroy table stud;   (B)   Delete from stud;
    (C) Drop table stud;   (D)   None of given

2   _____ constraint establishes relationship between tables.

    A) Primary key   (B) Foreign key   (C) CHECK   (D) None of given

3   _____ Command is used to modify the values of a table.
    (A) Create   (B) Update   (C) Alter table   (D) None of given

4   Which one of the following commands is used to assign database object privileges?
    (A)   Grant   (B) Commit
    (C)   Revoke   (D) None of given

5   Fully Functional Dependency is associated with _____.
    (A) 2NF   (B)   3NF (C) 4NF   (D) None of given

6   In a _____ distributed database system, each database is of same kind.
    (A) client/server   (B)   homogeneous (C) heterogeneous (D) All of given

7   There is generally a _____ that listens for events.
    (A) Main loop (B) Callback function (C) event handler (D) None of given

8   _____ is a chart that visually represents the relationship between database entities.
    (A) Data flow diagram   (B) Database model diagram
    (C) entity model diagram   (D) None of given

Q2. **Answer the following questions: [Any SEVEN]**   **[14]**

1   Write a SQL command to make ENO as primary key to existing table EMP.

2   Define View and Sequence.

3   Differentiate clearly Trigger and Stored procedures.

4   Explain briefly types of joins.

5   What do you mean by concurrency control? How to handle it?

6   Distinguish between Procedural Programming & Event-driven Programming.

7   Define: Entity, Attribute, Relationship and Record.

8   List out operations on RDBMS.

9   Define: Heterogeneous services and Transparent gateway agents