# SQL WORKSHEET

1. A, C, D
2. A, C, D
3. B
4. C
5. D
6. B
7. A
8. C
9. D
10.    A
11.    Denormalization is the process of adding precomputed redundant data to an otherwise normalized relational database to improve read performance of the database. Normalizing a database involves removing redundancy so only a single copy exists of each piece of information.
12.    A database cursor is an identifier associated with a group of rows. It is, in a sense, a pointer to the current row in a buffer. You must use a cursor in the following cases: Statements that return more than one row of data from the database server: A SELECT statement requires a select cursor.
13.    Different types of SQL queries are-
- Data Definition Language (DDL)
- Data Manipulation Language (DML)
- Data Control Language (DCL)
- Transaction Control Language (TCL)
- Data Query Language (DQL)

14. SQL constraints are used to specify rules for the data in a table. Constraints are used to limit the type of data that can go into a table. This ensures the accuracy and reliability of the data in the table. If there is any violation between the constraint and the data action, the action is aborted.

15. Auto-increment allows a unique number to be generated automatically when a new record is inserted into a table. Often this is the primary key field that we would like to be created automatically every time a new record is inserted.