**SQL WORKSHEET 2**

Solution:1 A&C&D

Solution:2 A&C&D

Solution:3 B

Solution:4 C

Solution:5 B

Solution:6 B

Solution:7 A

Solution:8 C

Solution:9 D

Solution:10 A

Solution:11 Denormalization is a database optimization technique in which we add redundant data to one or more tables. This can help us avoid costly joins in a relational database. Note that denormalization does not mean not doing normalization. It is an optimization technique that is applied after doing normalization

This is the process of organizing a database into tables correctly to promote a given use.

Solution:12 A database cursor is an object used to pinpoint records in a database. Just like a typing cursor is used to alert you where your text will appear, a database cursor also shows you the specific record in a database that is being worked upon.

Solution:13

1. Create Query- Creates a new table from all or part of the data in one or more tables. Useful for backing up and exporting information.
2. Append Query- Appends or adds selected records from one table to another table. Useful for importing information into a table.
3. Delete Query- Deletes selected records from one or more tables.
4. Update Query- Updates selected information in a table. For example, you could raise the prices on all trips to Europe by 15 percent.
5. Union Query- Combines fields from two or more tables or queries into one field and is written directly in SQL.

Solution:14 The SQL CONSTRAINTS are an integrity which defines some conditions that restrict the column to remain true while inserting or updating or deleting data in the column. Constraints can be specified when the table created first with CREATE TABLE statement or at the time of modification of the structure of an existing table with ALTER TABLE statement.

The SQL CONSTRAINTS are used to implement the rules of the table. If there is any violation of the constraints caused some action not performing properly on the table the action is aborted by the constraint.

Solution: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.