SQL-Worksheet6

1. A,C,D
2. A,C,D
3. B
4. C
5. B
6. B
7. A
8. C
9. D
10. A
11. Denormalization is a database optimization technique where redundant data is added in the database to get rid of the complex join operations. This is done to speed up database access speed. Denormalization is done after normalization for improving the performance of the database. The data from one table is included in another table to reduce the number of joins in the query and hence helps in speeding up the performance.
12. Cursor is a Temporary Memory or Temporary Work Station. It is Allocated by Database Server at the Time of Performing DML operations on Table by User. Cursors are used to store Database Tables.
13. A) Navigational Search Queries
    B) Informational Search Queries
    C) Transactional Search Queries
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.