SQL WORKSHEET-1

**1** -(a , d)

**2** - (a , b)

**3** - (b)

**4** - (b)

**5** - (a)

**6** - (c)

**7** - (b)

**8** - (b)

**9** - (b)

**10 -**(c)

**11** -

A Data Warehouse is a relational database that is designed for query and analysis rather than for transaction processing. It usually contains historical data derived from transaction data, but it can include data from other sources.

**12** –

* OLTP – Online transaction processing captures, stores and processes data from transactions in real time.
* OLAP – Online analytical processing uses complex queries to analyse aggregated historical data from OLTP systems.

**13** –

* Large amount of historical data is used.
* Some data is denormalized for simplification.
* Queries retrieve large amount of data.
* The data load is controlled.

**14** –

Star schema is the simplest type of Data Warehouse schema. It is used for querying large data sets. In star schema the centre of the star can have one fact table and a number of associated dimension tables.

**15** –

SETL is a high level programming language. It is based on set theory and used for mathematical and telecommunications applications.