

EN19CS301122  
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## DBMS Assignment V

Q. Write down note on:-

1. Distributed database:-  
Ans. A distributed database is a collection of multiple interconnected databases, which are spread physically across various locations that communicate via a computer network.

Here, data is physically stored across multiple sites. Data in each site can be managed by a DBMS independent of the other sites.

The processors in the site are connected via a network. They do not have any ~~multifactor~~ multiprocessor configuration.

A distributed database is not loosely connected file system.

2. OOP database -

Ans. object-oriented database is a collection of object-oriented programming and relational database.

There are various items which are created using object-oriented programming languages like C++, Java which can be stored in relational databases, but OOP-databases are well-suited for those items.

An oop database is organized around objects rather than actions, and data rather than logic.

### 3) Mobile databases :-

Mobile databases is a database that is transportable, portable, and physically separate or detached from the corporate database server but has the capability to communicate with those servers from remote sites allowing the sharing of various kinds of data.

#### 4) Web database :-

A Web database is a database application designed to be managed and accessed through the Internet. Website operators can manage this collection of data and present analytical results based on the data in the web database application. Databases first appeared in the 1990's, and have been an asset for business.

#### 5) Data warehousing and Mining :-

A data warehousing is a technique for collecting and managing data from varied sources to provide meaningful business insights. It is a blend of technologies and components which allows the strategic use of data.

Data mining is looking for hidden, valid, and potentially useful

patterns in huge data sets. Data Mining is all about discovering unsuspected, previously unknown relationships amongst the data.

It is a multi-disciplinary skill that uses machine learning, statistics, AI and database technology.