**Session 2: Create and Edit tables using wizard & SQL commands**

**9. What are the different database objects?**

**Answer –**  
**a. Table –** A table is a collection of data components structured in the form of vertical columns and horizontal rows.

**b. Columns / Fields / Attributes –** Columns or Fields or Attributes all are the same, A column is a collection of data values of a single data type, one for each row in a table. It is also known as the heading of the column.

**c. Rows / Records / Tuples –** A row, also known as a Record or Tuple, is a single data item in a table. A database table can be represented as a series of rows and columns or fields. Each row in a table represents a set of related data, and each row has the same structure.

**10. What are data types?**

**Answer –** Datatypes are used to define the type of data that will be stored in the database. Data types in the OpenOffice base are classified into five types.

**a. Numeric Types –** Numeric data types are used to describe numerical values for fields in a database table. Numeric data types used for numbers and decimals.  
**Some of the important numeric data types are –**  
     a. Boolean  
     b. Integer  
     c. Numeric  
     d. Decimal  
     e. Float  
     f. double

**b. Alphanumeric Types –** Alphanumeric data types are used to describe character values for fields in a database.  
**Some of the important alphanumeric data types are –**  
     a. Longvarchar  
     b. Char  
     c. Varchar  
     d. Varchar\_ignorecase

**c. Binary Types –** For storing data in binary formats, binary data types are used. Binary data types in a database can be used to store images, music files, and so on.  
**Some of the important Binary data types are –**  
     a. Varbinary  
     b. Binary  
     c. Longvarbinary

**d. Date time –** Date and time data types are used to describe date and time values for fields in a database table.  
**Some of the important Date time data types are –**  
     a. Date  
     b. Time  
     c. Timestamp

**11. In how many ways tables can be created in Base?**

**Answer –** There are two different ways to creating the table in database –  
     a. Using Design View  
     b. Using Wizard

**12. Define the structure of a table.**

**Answer –** A table is a collection of data components structured in the form of vertical columns and horizontal rows.

**13. Differentiate between Tuples and Attributes of a table.**

**Answer –** Tuple is a single data item in a table. A database table can be represented as a series of rows and columns or fields.  
An attribute is a collection of data values of a single data type, one for each row in a table.