**SQL TEST**

We have two MySQL database tables as per the details shown below:

1. Employee table is created using the following command:

CREATE TABLE EMPLOYEE (

EMP\_ID CHAR(6) NOT NULL,

DEPT\_ID CHAR(4) NOT NULL,

FIRST\_NAME CHAR(20) NOT NULL,

LAST\_NAME CHAR(20),

AGE INT,

SEX CHAR(1),

INCOME FLOAT,

DOJ DATETIME);

The above field names are self-explanatory. However, DOJ field refers to Date of Joining.

1. Department table is created using the following command:

CREATE TABLE DEPARTMENT(

DEPT\_ID CHAR(4) NOT NULL,

DEPT\_NAME CHAR(20),

EMP\_ID CHAR(6) NOT NULL);

The above field names are self-explanatory.

1. Leaves table is created using the following command:

CREATE TABLE IF NOT EXISTS leaves

(

EMP\_ID CHAR(6) NOT NULL,

LEAVE\_START\_DATE DATE,

LEAVE\_END\_DATE DATE,

LEAVE\_DAYS TINYINT NOT NULL);

The above field names are self-explanatory.