QURIES:

QUESTION NO 1:

A-1)

mysql> insert into departments (dept\_no,dept\_name) values (101,'computer');

mysql> insert into departments (dept\_no,dept\_name) values (102,'quality');

mysql> insert into departments (dept\_no,dept\_name) values (103,'hr');

mysql> insert into departments (dept\_no,dept\_name) values (104,'admin');

mysql> insert into departments (dept\_no,dept\_name) values (105,'sales');

A-2)

mysql> insert into employees(emp\_no,birth\_date,first\_name,last\_name,gender,hire\_date)

-> values (1,str\_to\_date('31,JUL,13','%d,%b,%y'),'baber','ali','m',str\_to\_date('31,JUL,12','%d,%b,%y'));

mysql> insert into employees(emp\_no,birth\_date,first\_name,last\_name,gender,hire\_date)

-> values (2,str\_to\_date('31,JUL,14','%d,%b,%y'),'ahmed','yasin','m',str\_to\_date('31,JUL,18','%d,%b,%y'));

mysql> insert into employees(emp\_no,birth\_date,first\_name,last\_name,gender,hire\_date)

-> values (3,str\_to\_date('31,JUL,15','%d,%b,%y'),'hamza','yasin','m',str\_to\_date('31,JUL,21','%d,%b,%y'));

Query OK, 1 row affected (0.08 sec)

mysql> insert into employees(emp\_no,birth\_date,first\_name,last\_name,gender,hire\_date)

-> values (4,str\_to\_date('31,JUL,16','%d,%b,%y'),'abdul','moiz','m',str\_to\_date('31,JUL,20','%d,%b,%y'));

mysql> insert into employees(emp\_no,birth\_date,first\_name,last\_name,gender,hire\_date)

-> values (5,str\_to\_date('31,JUL,17','%d,%b,%y'),'noor','jahan','f',str\_to\_date('31,JUL,20','%d,%b,%y'));

B)

mysql> insert into dept\_emp (emp\_no,dept\_no,from\_date,to\_date) values (1,104,str\_to\_date('31,JUL,11','%d,%b,%y'),str\_to\_date('31,J

UL,17','%d,%b,%y'));

mysql> insert into dept\_emp (emp\_no,dept\_no,from\_date,to\_date) values (2,102,str\_to\_date('31,JUL,10','%d,%b,%y'),str\_to\_date('31,J

UL,17','%d,%b,%y'));

mysql> insert into dept\_emp (emp\_no,dept\_no,from\_date,to\_date) values (3,101,str\_to\_date('31,JUL,09','%d,%b,%y'),str\_to\_date('31,J

UL,17','%d,%b,%y'));

mysql> insert into dept\_emp (emp\_no,dept\_no,from\_date,to\_date) values (4,103,str\_to\_date('31,JUL,08','%d,%b,%y'),str\_to\_date('31,J

UL,17','%d,%b,%y'));

mysql> insert into dept\_emp (emp\_no,dept\_no,from\_date,to\_date) values (5,105,str\_to\_date('31,JUL,07','%d,%b,%y'),str\_to\_date('31,J

UL,17','%d,%b,%y'));

C)

mysql> insert into salaries(emp\_no,salary,from\_date,to\_date) values (1,100000,str\_to\_date('31,JUL,16','%d,%b,%y'),str\_to\_date('31,

AUG,16','%d,%b,%y'));

mysql> insert into salaries(emp\_no,salary,from\_date,to\_date) values (2,500000,str\_to\_date('30,JUL,16','%d,%b,%y'),str\_to\_date('31,

AUG,16','%d,%b,%y'));

mysql> insert into salaries(emp\_no,salary,from\_date,to\_date) values (3,550000,str\_to\_date('29,JUL,16','%d,%b,%y'),str\_to\_date('31,

AUG,16','%d,%b,%y'));

mysql> insert into salaries(emp\_no,salary,from\_date,to\_date) values (4,555000,str\_to\_date('28,JUL,16','%d,%b,%y'),str\_to\_date('31,

AUG,16','%d,%b,%y'));

mysql> insert into salaries(emp\_no,salary,from\_date,to\_date) values (5,555500,str\_to\_date('27,JUL,16','%d,%b,%y'),str\_to\_date('31,

AUG,16','%d,%b,%y'));

D-A)

mysql> insert into titles(emp\_no,title,from\_date,to\_date) values (1,'manager',str\_to\_date('30,JUL,16','%d,%b,%y'),str\_to\_date('30,

AUG,16','%d,%b,%y'));

mysql> insert into titles(emp\_no,title,from\_date,to\_date) values (2,'clerk',str\_to\_date('31,JUL,16','%d,%b,%y'),str\_to\_date('30,AU

G,16','%d,%b,%y'));

mysql> insert into titles(emp\_no,title,from\_date,to\_date) values (3,'accountant',str\_to\_date('29,JUL,16','%d,%b,%y'),str\_to\_date('

30,AUG,16','%d,%b,%y'));

mysql> insert into titles(emp\_no,title,from\_date,to\_date) values (4,'advertiser',str\_to\_date('28,JUL,16','%d,%b,%y'),str\_to\_date('

30,AUG,16','%d,%b,%y'));

mysql> insert into titles(emp\_no,title,from\_date,to\_date) values (5,'supervisor',str\_to\_date('27,JUL,16','%d,%b,%y'),str\_to\_date('

30,AUG,16','%d,%b,%y'));

D-B)

mysql> insert into dept\_manager(dept\_no,emp\_no,from\_date,to\_date) values (101,1,str\_to\_date('27,JUN,2017','%d,%b,%y'),str\_to\_date(

'27,JUL,2017','%d,%b,%y'));

mysql> insert into dept\_manager(dept\_no,emp\_no,from\_date,to\_date) values (102,2,str\_to\_date('27,JUN,2016','%d,%b,%y'),str\_to\_date(

'27,JUL,2017','%d,%b,%y'));

mysql> insert into dept\_manager(dept\_no,emp\_no,from\_date,to\_date) values (103,3,str\_to\_date('27,JUN,2016','%d,%b,%y'),str\_to\_date(

'27,JUL,2017','%d,%b,%y'));

Query OK, 1 row affected, 2 warnings (0.11 sec)

mysql> insert into dept\_manager(dept\_no,emp\_no,from\_date,to\_date) values (104,4,str\_to\_date('27,JUN,2016','%d,%b,%y'),str\_to\_date(

'27,JUL,2017','%d,%b,%y'));

mysql> insert into dept\_manager(dept\_no,emp\_no,from\_date,to\_date) values (105,5,str\_to\_date('27,JUN,2016','%d,%b,%y'),str\_to\_date(

'27,JUL,2017','%d,%b,%y'));

QUESTION NO 2:

A)

mysql> update dept\_manager

-> set dept\_no=102

-> where emp\_no=1;

Rows matched: 1 Changed: 1 Warnings: 0

B)

mysql> update salaries

-> set salary=555

-> where emp\_no=4;

Rows matched: 1 Changed: 1 Warnings: 0

C)

mysql> update departments

-> set dept\_name='human resource'

-> where dept\_name='hr';

Rows matched: 1 Changed: 1 Warnings: 0

D)

mysql> update titles

-> set title='owner'

-> where emp\_no=2;

Rows matched: 1 Changed: 1 Warnings: 0

E)

mysql> update employees

-> set hire\_date='JAN'

-> where emp\_no=1;

Rows matched: 1 Changed: 0 Warnings: 1

QUESTION NO 3:

A)

mysql> delete from employees where last\_name='ali';

B)

mysql> delete from departments;

QUESTION NO #3:

::supplier table creation:

mysql> create table suppliers(

-> s\_id varchar(10),

-> s\_name varchar(91) not null,

-> contact varchar(15) not null,

-> city varchar(88) not null,

-> constraint pk\_sid primary key (s\_id)

-> );

:: products table

mysql> create table products(

-> p\_id varchar(10),

-> p\_name varchar(99) not null,

-> units varchar(14) not null,

-> unit\_price varchar(88) not null,

-> type varchar(99) not null,

-> s\_id varchar(10),

-> constraint pk\_pid primary key (p\_id),

-> constraint fk\_sid foreign key (s\_id) references suppliers (s\_id)

-> );

:: oders table

mysql> create table oders(

-> oder\_id varchar(99),

-> customer\_name varchar(100) not null,

-> oder\_date date,

-> constraint pk\_oder primary key (oder\_id)

-> );

:: oder\_detail table

mysql> create table oder\_detail(

-> p\_id varchar(100) ,

-> oder\_id varchar(100),

-> unit\_purchased varchar(100) not null,

-> constraint fk\_pid foreign key (p\_id) references products (p\_id)

-> ,

-> constraint fk\_oid foreign key (oder\_id) references oders(oder\_id)

-> );

3. inserting data:(to suppliers).

mysql> insert into suppliers (s\_id,s\_name,contact,city) values(320,'muneer',0321-1234567,'karchi');

mysql> insert into suppliers (s\_id,s\_name,contact,city) values(312,'alliance pharmaceuticals',0316-7654321,'peshawer');

mysql> insert into suppliers (s\_id,s\_name,contact,city) values(478,'abbot pharmaceuticals',0300-9876543,'lahore');

mysql> insert into suppliers (s\_id,s\_name,contact,city) values(657,'sanofi aventis',0333-5632476,'islamabad');

mysql>

mysql> insert into suppliers (s\_id,s\_name,contact,city) values(987,'ferzsons labaratories',0301-1937857,'peshawer');

inserting data into (products):

mysql> insert into products (p\_id,p\_name,units,unit\_price,type,s\_id) values (1005,'ponstan',100,15,'tablets',312);

mysql> insert into products (p\_id,p\_name,units,unit\_price,type,s\_id) values (1421,'brufen',25,35,'syrup',657);

mysql> insert into products (p\_id,p\_name,units,unit\_price,type,s\_id) values (3215,'avil',122,26,'syrup',478);

mysql> insert into products (p\_id,p\_name,units,unit\_price,type,s\_id) values (1215,'flagyl',42,30,'tablets',987);

mysql> insert into products (p\_id,p\_name,units,unit\_price,type,s\_id) values (7513,'avil',140,20,'injection',478);

mysql> insert into products (p\_id,p\_name,units,unit\_price,type,s\_id) values (1216,'flagyl',10,35,'syrups',987);

mysql> insert into products (p\_id,p\_name,units,unit\_price,type,s\_id) values (1007,'disprin',98,15,'tablets',320);

inserting data to (oders):

mysql> insert into oders (oder\_id,customer\_name,oder\_date) values (22,'waleed khan',str\_to\_date('25,NOV,2014','%d,%b,%y'));

mysql> insert into oders (oder\_id,customer\_name,oder\_date) values (23,'azhar akbar',str\_to\_date('02,DEC,2014','%d,%b,%y'));

mysql> insert into oders (oder\_id,customer\_name,oder\_date) values (24,'shahzeb khan',str\_to\_date('05,DEC,2014','%d,%b,%y'));

mysql> insert into oders (oder\_id,customer\_name,oder\_date) values (25,'javed iqbal',str\_to\_date('15,JAN,2015','%d,%b,%y'));

mysql> insert into oders (oder\_id,customer\_name,oder\_date) values (26,'tariq khan',str\_to\_date('23,JUN,2015','%d,%b,%y'));

inserting data to (oder\_detail):

mysql> insert into oder\_detail(p\_id,oder\_id,unit\_purchased) values (1007,22,5);

mysql> insert into oder\_detail(p\_id,oder\_id,unit\_purchased) values (1216,22,1);

mysql> insert into oder\_detail(p\_id,oder\_id,unit\_purchased) values (1005,22,4);

mysql> insert into oder\_detail(p\_id,oder\_id,unit\_purchased) values (1421,23,1);

mysql> insert into oder\_detail(p\_id,oder\_id,unit\_purchased) values (1005,23,1);

mysql> insert into oder\_detail(p\_id,oder\_id,unit\_purchased) values (3215,23,2);

mysql> insert into oder\_detail(p\_id,oder\_id,unit\_purchased) values (7513,23,3);

mysql> insert into oder\_detail(p\_id,oder\_id,unit\_purchased) values (1421,24,2);

mysql> insert into oder\_detail(p\_id,oder\_id,unit\_purchased) values (1215,24,1);

mysql> insert into oder\_detail(p\_id,oder\_id,unit\_purchased) values (1005,25,5);

mysql> insert into oder\_detail(p\_id,oder\_id,unit\_purchased) values (1215,26,1);

mysql> insert into oder\_detail(p\_id,oder\_id,unit\_purchased) values (1421,26,3);

question no 4):

mysql> update suppliers

-> set s\_name='muneer brothers'

-> where s\_name='muneer';

Rows matched: 1 Changed: 1 Warnings: 0

question no 5):

mysql> delete from products where type='syrup' and p\_name='avil';

no it doesnot affect the oder\_detail table because it is on

question no 6)::

mysql> update products

-> set unit\_price=40

-> where type='tablets';

Rows matched: 3 Changed: 3 Warnings: 0

question no 7):

mysql> delete from oders where oder\_id=22;

question no 8):

mysql> delete from oder\_detail;

mysql> delete from oders;

mysql> delete from suppliers;

mysql> delete from products;

QUESTION NO 9):

mysql> drop database pharma;