**Question no.-1**

1.CREATE TABLE student

(

roll\_no int primary key auto\_ increment,

name varchar(10),

branch varchar(10)

)

2.

INSERT into student(name,branch)VALUES("Jay","Computer Science");

INSERT into student(name,branch)VALUES("Suhani","Electronic and com");

INSERT into student(name,branch)VALUES("Kriti","Electronic and com");

3. create table exam1

(

s\_code varchar(10),

Marks varchar(10),

p\_code varchar(10),

roll\_no int,

FOREIGN key(roll\_no)REFERENCES student(roll\_no)

)

4. INSERT INTO exam1(s\_code, Marks, p\_code, roll\_no) VALUES ('cs11', '50', 'cs', 1),

('cs12', '60', 'ec', 1), ('ec101', '66', 'ec', 2), ('ec102', '70', 'ec', 2), ('ec101', '45', 'ec', 3),

('ec102', '50', 'ec', 3);

**Question no.-2**

1. create table list

(

FirstName varchar(10),

Lastname varchar(10),

Address varchar(100)

City varchar(20),

Age int

)

Insert into list(Firstname,Lastname,Address,City,Age)Values(“Micky”,”Mouse”,”123 Fantasy Way”,”Anaheim”,73);

Insert into list(Firstname,Lastname,Address,City,Age)Values(“Bat”,”Man”,”321 cavern Ave”,”Gotham”,54);

Insert into list(Firstname,Lastname,Address,City,Age)Values(“Wonder”,”Woman”,”987 Truth Way”,”Paradise”,39);

Insert into list(Firstname,Lastname,Address,City,Age)Values(“Donald”,”Duck”,”555 Quack street”,”mallard”,65);

Insert into list(Firstname,Lastname,Address,City,Age)Values(“Bugs”,”Bunny”,”567 Carrot Street”,”Rascal”,58);

Insert into list(Firstname,Lastname,Address,City,Age)Values(“Wiley”,”Coyote”,”999 Acme Way”,”Canyon”,61);

Insert into list(Firstname,Lastname,Address,City,Age)Values(“Cat”,”Woman”,”234 Purrfect Street”,”Hairball”,32);

Insert into list(Firstname,Lastname,Address,City,Age)Values(“Tweety”,”Bird”,”543”,”Itoltaw”,28);

**Question no.-3**

1. Create table Employee

(

Employee\_id int PRIMARY KEY,

First\_name varchar(10),

Last\_name varchar(10),

Salary int,

Joining\_date varchar(20),

Department varchar(20)

)

insert into employee(Employee\_id,First\_name,Last\_name,Salary,Joining\_date,Department)values(1,"John","Abrahan",1000000,"1-june","Banking");

insert into employee(Employee\_id,First\_name,Last\_name,Salary,Joining\_date,Department)values(2,"Michael","Clarke",800000,"1-june","Insurance");

insert into employee(Employee\_id,First\_name,Last\_name,Salary,Joining\_date,Department)values(3,”Roy","Thomas",700000,"1-feb","Banking");

insert into employee(Employee\_id,First\_name,Last\_name,Salary,Joining\_date,Department)values(4,”Tom","Jose",700000,"1-feb"," Insurance ");

insert into

employee(Employee\_id,First\_name,Last\_name,Salary,Joining\_date,Department)values(5,”Tom","Jose",700000,"1-feb"," Insurance ");

1. Create table Intensive

(

Employee\_ref\_id int,

Intensive\_date varchar(20),

Intensive\_amount int,

FOREIGN key(employee\_ref\_id)REFERENCES employee(employee\_id)

)

INSERT INTO intensive(employee\_ref\_id, Intencive\_date, Intencive\_amount) VALUES ('1', '1-jan', '50000'), ('2', '1-jan', '600000'), ('3', '1-feb', '50000'), ('4', '1-feb', '10000');

3. Select \* from employee where First\_name="Tom";

4. select First\_name, Joining\_date,salary from employee;

5. select \* from employee order by First\_name asc;

6. select \* from employee order by salary desc;

7. select \* from employee where First\_name like "j%";

8. select \*, MAX(Salary) from employee where department="Banking";

9. select \* from employee where Salary>3000;

10. create table viewtable

(

id int,

first\_name varchar(20),

last\_name varchar(20).

Salary int,

Joining\_date varchar(20),

Department varchar(20),

action varchar(20)

)

DELIMITER $$

create TRIGGER insert\_trigger after INSERT on employee for EACH ROW

BEGIN

insert into view\_table(id,first\_name,Last\_name\_joining\_date,salary\_department,action)values(new.employee\_id,,new.first\_name,new.joining\_date,new.salary,new.department,"Record Inserted");

END

**Question no.4**

1. select sname,city from table1 where city="london" AND comm>0.12

2. select \* from table1 where city="london" OR "Barcelona";

3. SELECT \* FROM table1 where comm BETWEEN 0.10 AND 0.12;

4. select \* from table2 where rating<=100 AND NOT city="Roe";