**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 Fantasy Way”,”Gotham”,54);

**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",100000,"1-june","Banking");

insert into employee(Employee\_id,First\_name,Last\_name,Salary,Joining\_date,Department)values(2,"Akshay","Kumar",200000,"1-june","Boolywood");

insert into employee(Employee\_id,First\_name,Last\_name,Salary,Joining\_date,Department)values(3,"salman","Khan",300000,"1-feb","Boolywood");

insert into employee(Employee\_id,First\_name,Last\_name,Salary,Joining\_date,Department)values(4,"varun","Dhavan",400000,"1-feb","Boolywood")

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="salman";

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="boolywood";

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 t1(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";