Whole Assesment on sql:-

1)select max(countno),project\_id

from(select count(emp\_id) as countno,project\_id

from allocation group by project\_id);

21) create view newviews as

select \* from allocation left outer join t\_project on allocation.project\_id=t\_project.project\_id;

select \* from newview;

select count(emp\_id) as noofemployees,project\_name as projectname

from newview group by project\_name;

22)create view newviews as

select \* from allocation left outer join

role on allocation.role\_id=role.role\_id;

select \* from newviews;

select count(emp\_id) as noofemployee,role\_title as rolename

from newviews group by role\_title;

23)create view new as

select \* from allocation left outer join employee

on employee.emp\_id=allocation.emp\_id;

select \* from new;

select emp\_name as empname,count(project\_id)

as noofprojects from new group by emp\_name;

24)create view new as

select \* from allocation left outer join employee

on employee.emp\_id=allocation.emp\_id;

select \* from new;

select emp\_name as empname,count(role\_id)

as noofroles from new group by emp\_name;

25)create view threefive as

select \* from allocation left outer join role

on role.role\_id=allocation.role\_id;

select \* from threefive;

select role\_title as rolename,count(emp\_id)

as noofemployees from threefive group by role\_title;

26)create view threefive as

select \* from allocation left outer join role

on role.role\_id=allocation.role\_id;

select \* from threefive;

select role\_title as rolename,count(project\_id)

as noofprojects from threefive group by role\_title;

27)create view threesix as

select emp\_name,role\_title,project\_id

from employee e inner join allocation a

on e.emp\_id=a.emp\_id inner join role r

on r.role\_id=a.role\_id;

select \* from threesix;

select emp\_name,role\_title,count(project\_id) from threesix group by emp\_name;

28)create view threeseven as

select project\_name,role\_title,emp\_id

from t\_project p inner join allocation a

on p.project\_id=a.project\_id inner join role r

on r.role\_id=a.role\_id;

drop view if exists threeseven;

select \* from threeseven;

select project\_name as nameofproject ,role\_title as

roletitle,count(emp\_id) as noofemployee from twoseven group by project\_name;

29)create view threeeight as

select emp\_name,role\_title,project\_id

from employee e inner join allocation a

on e.emp\_id=a.emp\_id inner join role r

on r.role\_id=a.role\_id;

drop view if exists threesix;

select \* from threeeight;

select role\_title as rolename,emp\_name as nameofemployee,count(project\_id)

as noofprojects from twosix group by emp\_name;

30)select dept\_id as departmentid,count(emp\_id) as noofemployee from department left outer join employee

on employee.dept\_id=department.dept\_id group by dept\_name;

33)select project\_id,emp\_id,sum(amount\_per\_day) as amount\_collected from allocation

group by emp\_id;

34)select emp\_id,role\_id,sum(amount\_per\_day)

as amount\_collected from allocation group by amount\_per\_day

2)select emp\_id,project\_id from allocation where project\_id is null

3)select role\_id,emp\_id from allocation where project\_id=3;

4)select max(high),project\_id

from (select sum(amount\_per\_day)

as high,project\_id

from allocation

group by project\_id);

5)select distinct count(emp\_id) from allocation where project\_id=1

6)select min(cheap),project\_id

from (select sum(amount\_per\_day)

as cheap,project\_id

from allocation where to\_date=2012

group by project\_id)

7)select emp\_id,max(countno) as maxroleplayed,sum(totalamount) as totalsalary from(select emp\_id,count(role\_id)

as countno,amount\_per\_day as totalamount

from allocation where project\_id=3 group by emp\_id)

8)select count(project\_id) as noofproject,emp\_name,min(hire\_datetime) from eight group by emp\_name limit 1

9)select sum(amount\_per\_day),emp\_id

from allocation where project\_id is null group by emp\_id

10)select emp\_id,count(project\_id),to\_date from allocation group by emp\_id

11)select sum(countno) as noofemployees from(select count(emp\_id) as countno

from allocation

group by project\_id)

where countno <=10

12)select count(emp\_id) as noofemployee from allocation

where role\_id=2 and project\_id=4

13)create view thirteen as

select \* from allocation left outer join t\_project

on allocation.project\_id=t\_project.project\_id

select client\_name,count(project\_id) as noofprojects,project\_id

from thirteen group by project\_id order by noofprojects desc limit 1

14)select emp\_id from allocation where project\_id is null and from\_date=10