**Day 6 : SQL Assignment Questions**

**Q01. Display distinct Employee id, Employee name who kept the item issued for more than a year.**

select distinct em.employee\_id, employee\_name from employee\_master em, employee\_issue\_details eid where em.employee\_id=eid.employee\_id and (datediff(return\_date,issue\_date)/365) >1;

**02. Count number of customers who have gone for loan type Stationary.**

select count(e.employee\_id) as number\_of\_customers from employee\_master e,loan\_card\_master l, employee\_card\_details d where loan\_type="Stationary" and e.employee\_id=d.employee\_id and d.loan\_id=l.loan\_id ;

**03. Display Category and number of item in that category.**

select item\_category,count(item\_category) as number\_of\_item from item\_master group by item\_category;

**Q04. Empid ,Emp Name who joined the company after 2005.**

select employee\_id , employee\_name from employee\_master where YEAR(date\_of\_joining) >2005;

**05. Count gender and group by gender.**

select gender , count(gender) as count\_of\_gender from employee\_master group by gender;

**06. Count number of employees whose issue status is yes.**

select count(distinct employee\_name) as number\_of\_employees from item\_master i,employee\_master e,employee\_issue\_details d where d.employee\_id=e.employee\_id and d.item\_id=i.item\_id and i.issue\_status="yes";

**Q08.Find the max of total valuation of employees whose purchase is in two different categories.**

Select em.employee\_id, employee\_name, sum(item\_valuation)

from employee\_master em, item\_master im,

where em.employee\_id=eid.employee\_id and eid.item\_id=im.item\_id

group by em.employee\_id

having sum(item\_valuation)

in(select max(c) from(select sum(item\_valuation) c

from item\_master im, employee\_issue\_details eid,

employee\_master em

where im.item\_id=eid.item\_id and eid.employee\_id=em.employee\_id

group by em.employee\_id)a) and

count(distinct item\_category)>=2

order by em.employee\_id;

**09.Display count of employees who have recieved loan.**

select count(employee\_id) as count from employee\_card\_details ;

**10.Display emp id,emp name and no of furniture purchased**

**by employee who purchased more than one furniture.**

selecte.employee\_name,d.employee\_id,count(item\_category) as no\_of\_furnitures from item\_master i,employee\_issue\_details d, employee\_master e where i.item\_id=d.item\_id and e.employee\_id=d.employee\_id and i.item\_category="furniture" group by d.employee\_id ;

**11. Details of issue id,emp id,name who had issued in product display in**

**sorted order of issue\_id.**

select issue.issue\_id , emp.employee\_id, emp.employee\_name `from employee\_issue\_details issue, employee\_master emp where issue.employee\_id = emp.employee\_id order by issue.issue\_id asc;

**12. Display customer who has not availed for loan.**

select employee\_name, employee\_id from employee\_master where employee\_id <> all(select employee\_id from employee\_card\_details) ;

**Q13. Display emp records for whom never issued an item as a loan order based on emp id**

select \* from employee\_master where employee\_id <> all(select distinct employee\_id from employee\_issue\_details) and employee\_id <> all(select employee\_id from employee\_card\_details);

**Q14. Display empid,name who has the highest valuation. if multiple records then display in order of emp id**

\*\*\*\*select e.employee\_name,d.employee\_id,sum(item\_valuation) as total\_valuation from item\_master i,employee\_issue\_details d, employee\_master e where i.item\_id=d.item\_id and e.employee\_id=d.employee\_id group by d.employee\_id;\*\*\*\*\*

**15. Display No. of emp in HR dept**

select count(\*) as No\_of\_employee\_in\_hr\_dept from employee\_master where department = "hr";

**16. Display issue status and number of items of furniture based on issued and not issued**

select issue\_status, count(\*) as number\_of\_yes\_or\_no from item\_master where item\_category = "furniture" group by issue\_status;

**17. Display empid and total valuation of each employee where employee must have at least one product issued**

select distinct d.employee\_id, sum(item\_valuation) as total\_valuation from employee\_issue\_details d,item\_master i where i.item\_id = d.item\_id and i.issue\_status="yes" group by i.item\_id;

**18. Disp empid,name and count of categories of each emp having at least 2 categories**

**19. Display name of categories and no of items in each category and sort in order of no of items**

select item\_category,count(item\_id)as number\_of\_items from item\_master group by item\_category;

**20. Display empid,name with their total valuations.**

select e.employee\_name,d.employee\_id,sum(item\_valuation) as total\_valuation from item\_master i,employee\_issue\_details d, employee\_master e where i.item\_id=d.item\_id and e.employee\_id=d.employee\_id group by d.employee\_id;