**Q1. Create a view to fetch the employees data**

**EmployeeId, EmployeeName, EmployeeSalary, EmployeeManager, EmployeeDepartment**

=>CREATE VIEW employee\_data AS

SELECT column Employee\_Id, first\_name, Salary, Manager\_id, Department\_id

FROM employees;

**Q2. Create a view to fetch all the employees data working on jobs with**

**minimum salary > 2000 and maximum salary < 5000;**

=>CREATE VIEW working\_employees AS

SELECT \*

FROM employees

WHERE salary>2000 and salary<5000;

**Q3. Create a view to fetch employee data**

**EMPLOYEEID,EMPLOYEENAME,EMPLOYEEDEPARTMENT,EMPLOYEESALARY,EMPLOYEECOUNTRY,EMPLOYEELOCATION,EMPLOYEEREGION.**

=>CREATE VIEW employee AS

SELECT EMPLOYEE\_ID, FIRST\_NAME, DEPARTMENT\_ID, SALARY, COUNTRY\_ID, LOCATION\_ID,

REGION\_NAME.

FROM EMP\_DETAIL\_VIEW;

**Q3. CREATE A VIEW FOR Q3 AND DISPLAY ONLY THOSE EMPLOYEES WHOSE DEPARTMENTID = 30 AND SALARY < 5000;**

=>CREATE VIEW working\_employees\_DEPT30 AS

SELECT \*

FROM employees

WHERE departent\_id=30 and salary<5000;

**Q4. CREATE A VIEW TO FETCH ALL EMPLOYEES DATA WITH THERE APPRAISED SALARY FOR THE CURRENT YEAR.**

**EG : CURRENT SALARY = 3000**

**COMM : 300**

**APPRAISED SALARY RULE :**

**PEOPLE GETTING SALARY 2000 - 10000 :: 10%**

**PEOPLE GETTING SALARY 10001 -15000 :: 8%**

**PEOPLE GETTING SALARY 15000 - 20000 :: 6%**

**PEOPLE GETTING SALARY > 20000 :: 5%**

=>create or replace view appraised\_salary

as

select employee\_id, first\_name, salary,

case

when salary between 2000 and 10000 then salary\*1.10

when salary between 10001 and 15000 then salary\*1.08

when salary between 15001 and 20000 then salary\*1.06

else salary\* 1.05

end as 'AppraisedSalary'

from employees;

or

CREATE OR REPLACE APPRAISED\_SALARY AS SELECT FIRST\_NAME,LAST\_NAME ,SALARY, DEPARTMENT\_ID,PHONE\_NUMBER,HIRE\_DATE,JOB\_ID,EMAIL,

CASE

WHEN SALARY > 2000 AND SALARY < 10000 THEN SALARY\*0.1+ SALARY

WHEN SALARY >10000 AND SALARY < 15000 THEN SALARY\*0.08+ SALARY

WHEN SALARY >15000 AND SALARY < 20000 THEN SALARY\*0.06+ SALARY

WHEN SALARY >20000 THEN SALARY\*0.06+ SALARY

END AS 'APPRAISED\_SALARY'

FROM

EMPLOYEES;

**Q5. CREATE A VIEW ON THE EMPLOYEES TABLE WITH EMPNO , EMPNAME, EMPSALARY**

**1. UPDATE THE SALARY OF EMPLOYEE ID = 105;**

**2. DELETE THE ROW OF THE EMPLOYEE ID = 106;**

**3. UPDATE THE EMPLOYEE DEPARTMET ID OF THE EMPLOYEEID = 108**

**OBSERVE THE PARENT TABLE EMPLOYEES**

=> create or replace view emp\_data

as

select employee\_id, concat (first\_name, " ",last\_name) as employee\_name, salary from employees;

1. update emp\_data set salary=6000 where employee\_id-105;

2.delete from emp\_data where employee\_id=106;

3. update emp data set department\_id=1500 where employee\_id=108;

unknown column department\_id in field list error is occured because view doesn't contain column department id of employees table.

**Q6. CREATE A VIEW ON EMPLOYEES AND DEPARTMENT WITH DEPARTMENTID COMPARISON**

**1. TRY TO DO UPDATE**

=>create or replace view empdpt\_id

select e.employee id,e.department\_id,e.first\_name, d. department\_name

from employees e, departments d where e department\_id=d.department\_id:

update empdpt\_id set department name="Production" where employee id=104;