1. **List all the name of donors who are eligible for donating A- blood and don’t have any of health condition.**

Select fname, lname, bloodgp, gender, remarks as Health\_Issues from donor where bloodgp = 'A-' and remarks = 'no';

1. **Count the no of donors year wise who are born between 1995 and 2000 and order them by year of birth.**

select year(dob) as Year, count(year(dob)) as Count from donor where year(dob) between 1995 and 2000 group by year(dob) order by dob;

1. **Show the names of donor and their city who are from Karnataka.**

select fname as Initial, lname as Last,

case

when cityid = 1 then 'Bengaluru'

when cityid = 2 then 'Belagavi'

when cityid = 3 then 'Tumkur'

end as CityName

from donor where cityid in (select cityid from city where state = 'karnataka');

1. **Find the sum and average salary of male and female staff members separetly?**

select sum(salary) as TotalSalary, avg(salary) as AvgSalary from staff where gender = 'male'

union

select sum(salary), avg(salary) from staff where gender = 'female';

1. **Find the salary difference of the highest and lowest staff earner.**

select max(salary)-min(salary) as Salary\_Difference from staff;

1. **In which city does Dr. Raj lives?**

select cityname from city where cityid in (select cityid from staff where job like 'd%' and lname = 'raj');

1. **How many ladies have donate blood?**

select count(did) as Times\_Donated from bloodbank where did in (select did from donor where gender ='female');

1. **Select packet id which contains either ab+ or ab- blood?**

select PacketID from bloodbank where did in (select did from donor where bloodgp like 'ab%') order by packetid;

1. **Show the packet ids of the blood packets which are donated by the citizens of Maharashtra?**

select \* from bloodbank where did in(select did from donor where cityid in(select cityid from city where state = 'Maharashtra'));

1. **List all the days on which blood bank collected blood?**

select distinct date from bloodbank;

1. **Create view of the donors residing in Bangalore. Show the necessary details which can be given to campaigning team for blood donation.**

create view Bangalorians as select fname, lname, phoneno from donor where cityid = 1;

select \* from Bangalorians;