**QUESTIONS AND ANSWERS ON**

**INDIA POPULATION**

**1.Find the person(s) who live in the city with the largest population?**

SELECT PersonName FROM people

WHERE CityID=(SELECT CityID from cities ORDER BY Population desc LIMIT 1);

**2.Get the name of the state where the youngest person lives?**

select StateName from states

where StateID=(select StateID from cities where CityID=(select CityID FROM people order by age desc limit 1));

**3.List the job titles of people who live in the state with the highest population?**

select JobTitle from jobs

where JobID in (select JobID FROM people where CityID IN (SELECT CityID FROM Cities WHERE StateID=(select StateID order by population DESC limit 1)));

**4.Find the average salary of people living in cities with a population greater than 5 million?**

select avg(Salary) as Avg\_salary from jobs

where JobID in (select JobID from people where CityID in( select CityID from cities where StateID in (select StateID from states where Population>50000000)));

**5.Get the name of the person who earns the highest salary?**

select PersonName from people

where JobID=(select JobID from jobs order by Salary desc limit 1);

**6.Find all people living in states with more than 50 million people?**

select PersonName from people

where CityID in (select CityID from cities where StateID in (select StateID from states where Population>50000000));

**7.Find the name of the city with the highest number of people working as doctors?**

select CityName from cities

where CityID=(select CityID from people where JobID=(select JobID from jobs where JobTitle='Doctor'));

**8.Get the total population of all cities where people work as software engineers?**

select sum(Population) as Total\_Population from cities

where CityID=(select CityID from people where JobID=(select JobID from jobs where JobTitle='Software Engineer'));

**9.List all cities located in states where the average salary is above 1 million?**

select StateName from states

where StateID in (select StateID from cities where CityID in (select CityID from people where CityID in (select JobID from jobs group by JobID having avg(Salary)>1000000)));

**10.Find the job title of the oldest person in Maharashtra?**

select JobTitle from jobs

where JobID in (SELECT JobID FROM People WHERE Age = (SELECT MAX(Age) FROM People WHERE CityID IN (SELECT CityID FROM Cities WHERE StateID=(select StateID from states where StateName='Maharashtra'))));