**SQL Question and Answer:**

1. Calculate age from the Date of Birth of passenger

SELECT name, date\_of\_birth, round((datediff(now(), date\_of\_birth)/365)) as Age from passenger\_info;

2. Display all information, his/her age is more than 20 (using having)

SELECT\* from passenger\_info HAVING round((datediff(now(), date\_of\_birth)/365))> 20;

3. Add 10 days in Date of Birth

SELECT name, date\_of\_birth, adddate(date\_of\_birth, INTERVAL 10 day) as New\_DOB from passenger\_info;

4. Display Train\_Name, Train\_no, Class , which fare is more than 300 tk and add 50 tk with this fare.

SELECT name\_of\_train, train\_no, class, (fare + 50) as New\_Fare from train\_info WHERE fare>300;

5. Display all information (Group By) his, her Date of Birth greater than 2000

SELECT \* from passenger\_info GROUP BY class HAVING date\_of\_birth> ‘2000-01-01’;

6. Display Train Name , train no, Issue date and Fare where fare less than 250 tk.

SELECT name\_of\_train, train\_no, issue\_date, fare from train\_info WHERE fare< 250;

7. Display Name, Phone No, class , Date of birth and Subtract 15 days from Date of Birth

SELECT name, phone\_no, class, date\_of\_birth, subdate(date\_of\_birth, INTERVAL 15 day) as New\_DOB from passenger\_info;

8. Display Name, Date of Birth and Birth Year

SELECT name, date\_of\_birth, year(date\_of\_birth) as Year\_of\_DOB from passenger\_info

9. Display all information who born after 1995

SELECT \* FROM passenger\_info WHERE date\_of\_birth>('1995-1-1');

10. Display Name , phone and Class and count how many people are in every class (Group By)

select name, phone\_no, class, COUNT(\*) from passenger\_info GROUP BY class;

11. Display Average fare of all train

SELECT Round(AVG(fare)) as Average\_Fare from train\_info

12. Add a new column “District” after Date of Birth

ALTER TABLE passenger\_info ADD District varchar(20) AFTER date\_of\_birth;