

# BRAIN INTERNATIONAL SCHOOL

SUBJECT : IP

CLASS –XII Assignment

October-2024

## Ch-6 My SQL Functions

## Ch-7 Querying using SQL

Q1. Define SQL.

Q2. Explain the Following functions in SQL.

(1) Mathematical Functions (2) String functions (3) Numeric Functions

Q3. Write SQL command that will display the current date and time.

Q4. Write output of the following SQL commands.

- (1) Select round(49.88);
- (2) Select round (86.9432,3);
- (3) Select mod(100,10)
- (4) Select pow(4,3);
- (5) Select mod(18,7);

Q5. Write output of the following SQL queries.

- (1) Select substr(“Saharsh Sinha”, 3,5)
- (2) Select reverse(“Program”);
- (3) Select right(“Artificial”, 6);
- (4) Select lcase(“INDIA”);
- (5) Select ucase(“solution”);
- (6) Select length(“artwork”);
- (7) Select trim(“ ART “);
- (8) Select rtrim(“myjob “);
- (9) Select right(“Artificial”, 6);
- (10) Select left(“Intelligence,5);

Q6. Create a Database name School and make the table Student.

Student

Rno	Name	Marks	Stream
23	Atul	80	Commerce
42	Amit	90	Science
50	Priya	60	Humanities
40	Asha	75	Science
30	Rahul	85	Commerce

Write SQL queries for the following:

1. Insert the above data in the table student
2. To display the Average marks of all the students
3. To display the minimum marks of the student.
4. To count the number of students in Science stream
5. To display the sum of marks where stream is Commerce

Q7. Explain the Mid( ) function in SQL with the help of Example.

Q8. What is the purpose of order by clause in SQL.