SQL Operators Practice Questions

Sample Table – Students

student_id	name	marks	age	city
1	Ramesh	85	19	Delhi
2	Priya	92	20	Mumbai
3	Ahmed	67	18	Delhi
4	Neha	76	21	Kolkata
5	Sameer	58	19	Mumbai
6	Kiran	89	22	Delhi

A. Arithmetic Operators (6 Questions)

1 Increase all students' marks by 5.
2 Find students whose marks after subtracting 3 are less than 70.
3 Show each student's marks multiplied by 2.
4 Show the remainder when each student's marks is divided by 7.
5 Find students whose age after adding 1 becomes 20.
6 Display total marks of all students plus 50.

B. Comparison Operators (6 Questions)

1 Find students who have exactly 85 marks.
2 List students who are not from Mumbai.
3 Show students whose marks are greater than 80.
4 Show students whose age is less than or equal to 19.
5 Find students whose marks are not equal to 76.
6 Show students whose marks are greater than or equal to 90.

C. Logical Operators (8 Questions)

1 Find students from Delhi and marks above 80.
2 Show students from Mumbai or Kolkata.
3 Find students whose marks are between 70 and 90.
4 Show students whose city is not Delhi.
5 Find students whose marks are above 80 and age is below 21.
6 Find students whose city is in ('Delhi', 'Mumbai').
7 Show students whose marks are not between 60 and 85.
8 Find students with marks > 80 or age > 21.

D. Bitwise Operators (5 Questions)

1 Find students whose marks are even (marks & 1 = 0).
2 Find students whose marks are odd (marks & 1 = 1).
3 Find students where (age | 2) = age.
4 Show students where (marks & 4) != 0.
5 Show students where (marks | 8) = marks.