

BRAIN INTERNATIONAL SCHOOL

SUBJECT: IP

CLASS-XI Assignment

October-2024

Ch-9: Database Concepts Ch-10: SQL

Q1. Explain DBMS.

Q2. Write the Features of SQL.

Q3. Explain Relational Database Model.

Q4. Define the following keys

1. Primary Key
2. Candidate Key
3. Alternate Key

Q5. Explain the 4 Datatypes used in MySQL.

Q6. Differentiate between char() and Varchar() Datatypes.

Q7. Define the following : 1. Degree 2. Cardinality 3. Relation 4. Attribute

Q8. Differentiate between DDL and DML commands.

Q9. Create a database 'School' and add the table 'Student' in it.

Student

RollNo	Name	Gender	Marks	Stream
7	Gurpreet	M	70	Science
9	Shreya	F	60	Commerce
10	Prateek	M	95	Humanities
3	Ankit	M	100	Science
4	Radhika	F	75	Commerce
6	Diksha	F	85	Humanities
8	Payal	F	98	Commerce

1. Insert the above records in the table
2. Add the new column Class
3. Delete the record of Ankit
4. Delete the column Gender