{QUESTION BEGINS}

{QUESTION NUMBER} 1

{SUBJECT} SQL

{TOPIC} Basics

{TAGS} database, beginner

{QUESTION TYPE} SINGLECORRECT

{QUESTION TEXT} What does SQL stand for?

{OPTION 1} Structured Programming Language

{OPTION 2} Standard Query Language

{OPTION 3} Sequential Query Language

{OPTION 4} Systematic Question Language

{RIGHT ANSWER} 2

{EXPLANATION} SQL stands for Standard Query Language, used for managing and manipulating relational databases.

{CORRECT MARKS} 3

{NEGATIVE MARKS} 0

{QUESTION ENDS}

{QUESTION BEGINS}

{QUESTION NUMBER} 2

{SUBJECT} SQL

{TOPIC} SELECT Statement

{TAGS} database, intermediate

{QUESTION TYPE} SINGLECORRECT

{QUESTION TEXT} How is the SELECT statement used in SQL?

{OPTION 1} To insert data into a table

{OPTION 2} To retrieve data from a table

{OPTION 3} To update existing records

{OPTION 4} To delete records from a table

{RIGHT ANSWER} 2

{EXPLANATION} The SELECT statement is used to retrieve data from a table.

{CORRECT MARKS} 3

{NEGATIVE MARKS} 0

{QUESTION ENDS}

{QUESTION BEGINS}

{QUESTION NUMBER} 3

{SUBJECT} SQL

{TOPIC} WHERE Clause

{TAGS} database, intermediate

{QUESTION TYPE} SINGLECORRECT

{QUESTION TEXT} How is the WHERE clause used in an SQL query?

{OPTION 1} To filter rows based on a condition

{OPTION 2} To sort the result set

{OPTION 3} To join multiple tables

{OPTION 4} To group rows based on a column

{RIGHT ANSWER} 1

{EXPLANATION} The WHERE clause is used to filter rows based on a specified condition.

{CORRECT MARKS} 3

{NEGATIVE MARKS} 0

{QUESTION ENDS}

{QUESTION BEGINS}

{QUESTION NUMBER} 4

{SUBJECT} SQL

{TOPIC} JOINs

{TAGS} database, intermediate

{QUESTION TYPE} SINGLECORRECT

{QUESTION TEXT} What is the difference between INNER JOIN and OUTER JOIN in SQL?

{OPTION 1} INNER JOIN is used for combining rows from two tables, excluding unmatched rows.

{OPTION 2} OUTER JOIN is used for combining all rows from two tables, including unmatched rows.

{OPTION 3} INNER JOIN is used for combining all rows from two tables.

{OPTION 4} OUTER JOIN is used for excluding rows from two tables based on a condition.

{RIGHT ANSWER} 1

{EXPLANATION} INNER JOIN combines rows from two tables, excluding unmatched rows.

{CORRECT MARKS} 3

{NEGATIVE MARKS} 0

{QUESTION ENDS}

{QUESTION BEGINS}

{QUESTION NUMBER} 5

{SUBJECT} SQL

{TOPIC} GROUP BY

{TAGS} database, intermediate

{QUESTION TYPE} SINGLECORRECT

{QUESTION TEXT} Explain the usage of GROUP BY in SQL.

{OPTION 1} It is used to filter rows based on a condition.

{OPTION 2} It is used to group rows based on the values of a column.

{OPTION 3} It is used to join multiple tables.

{OPTION 4} It is used to sort the result set.

{RIGHT ANSWER} 2

{EXPLANATION} GROUP BY is used to group rows based on the values of a column.

{CORRECT MARKS} 3

{NEGATIVE MARKS} 0

{QUESTION ENDS}

{QUESTION BEGINS}

{QUESTION NUMBER} 6

{SUBJECT} SQL

{TOPIC} ORDER BY

{TAGS} database, intermediate

{QUESTION TYPE} SINGLECORRECT

{QUESTION TEXT} How is the ORDER BY clause used in SQL queries?

{OPTION 1} To filter rows based on a condition.

{OPTION 2} To sort the result set based on one or more columns.

{OPTION 3} To group rows based on a column.

{OPTION 4} To join multiple tables.

{RIGHT ANSWER} 2

{EXPLANATION} The ORDER BY clause is used to sort the result set based on one or more columns.

{CORRECT MARKS} 3

{NEGATIVE MARKS} 0

{QUESTION ENDS}

{QUESTION BEGINS}

{QUESTION NUMBER} 7

{SUBJECT} SQL

{TOPIC} INSERT Statement

{TAGS} database, beginner

{QUESTION TYPE} SINGLECORRECT

{QUESTION TEXT} What is the purpose of the SQL INSERT statement?

{OPTION 1} To retrieve data from a table.

{OPTION 2} To update existing records.

{OPTION 3} To insert new records into a table.

{OPTION 4} To delete records from a table.

{RIGHT ANSWER} 3

{EXPLANATION} The INSERT statement is used to insert new records into a table.

{CORRECT MARKS} 3

{NEGATIVE MARKS} 0

{QUESTION ENDS}

{QUESTION BEGINS}

{QUESTION NUMBER} 8

{SUBJECT} SQL

{TOPIC} UPDATE Statement

{TAGS} database, intermediate

{QUESTION TYPE} SINGLECORRECT

{QUESTION TEXT} How is the UPDATE statement used to modify data in a SQL database?

{OPTION 1} To retrieve data from a table.

{OPTION 2} To insert new records into a table.

{OPTION 3} To update existing records in a table.

{OPTION 4} To delete records from a table.

{RIGHT ANSWER} 3

{EXPLANATION} The UPDATE statement is used to modify existing records in a table.

{CORRECT MARKS} 3

{NEGATIVE MARKS} 0

{QUESTION ENDS}

{QUESTION BEGINS}

{QUESTION NUMBER} 9

{SUBJECT} SQL

{TOPIC} DELETE Statement

{TAGS} database, intermediate

{QUESTION TYPE} SINGLECORRECT

{QUESTION TEXT} Explain the functionality of the SQL DELETE statement.

{OPTION 1} To retrieve data from a table.

{OPTION 2} To insert new records into a table.

{OPTION 3} To update existing records in a table.

{OPTION 4} To delete records from a table.

{RIGHT ANSWER} 4

{EXPLANATION} The DELETE statement is used to delete records from a table.

{CORRECT MARKS} 3

{NEGATIVE MARKS} 0

{QUESTION ENDS}