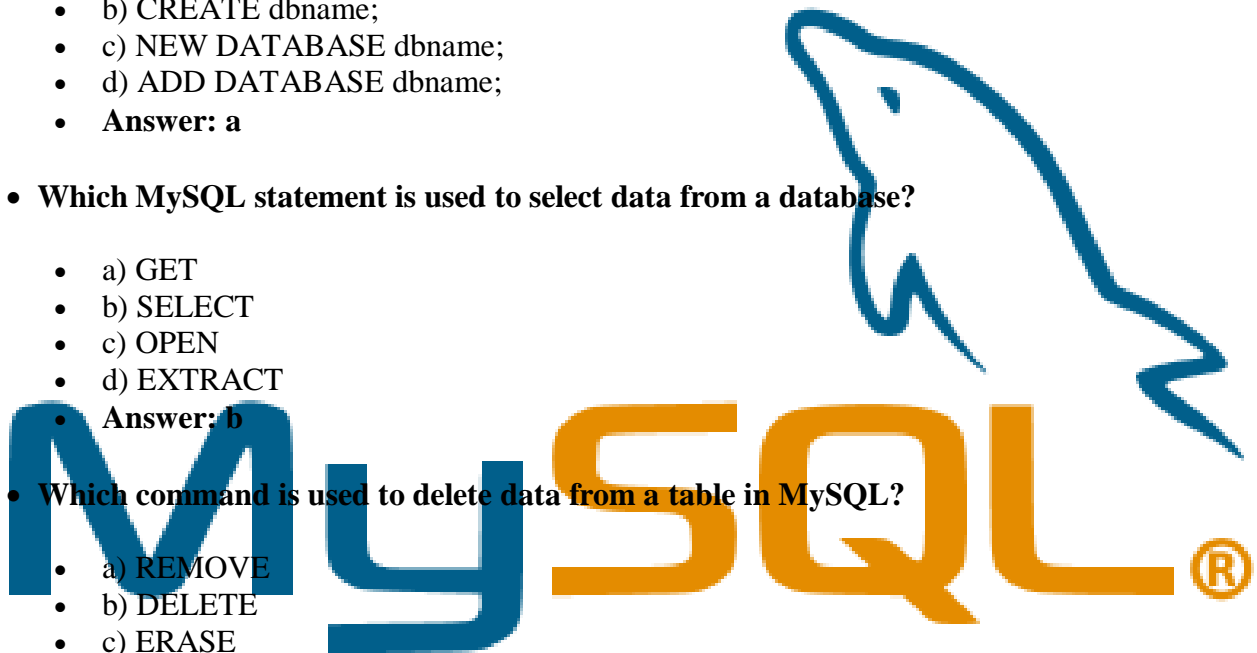


MYSQL MCQS

- What does SQL stand for?
 - a) Structured Query Language
 - b) Simple Query Language
 - c) Strong Question Language
 - d) Standard Query Language
 - Answer: a
- Which of the following is the correct way to create a database in MySQL?
 - a) CREATE DATABASE dbname;
 - b) CREATE dbname;
 - c) NEW DATABASE dbname;
 - d) ADD DATABASE dbname;
 - Answer: a
- Which MySQL statement is used to select data from a database?
 - a) GET
 - b) SELECT
 - c) OPEN
 - d) EXTRACT
 - Answer: b
- Which command is used to delete data from a table in MySQL?
 - a) REMOVE
 - b) DELETE
 - c) ERASE
 - d) CLEAR
 - Answer: b
- Which SQL statement is used to update data in a database?
 - a) MODIFY
 - b) UPDATE
 - c) SAVE
 - d) CHANGE
 - Answer: b
- How do you create a table in MySQL?
 - a) CREATE TABLE table_name;



- b) NEW TABLE table_name;
- c) MAKE TABLE table_name;
- d) ADD TABLE table_name;
- **Answer: a**

• Which of the following is the correct syntax to create an index on a table?

- a) CREATE INDEX index_name ON table_name (column_name);
- b) ADD INDEX index_name ON table_name (column_name);
- c) MAKE INDEX index_name ON table_name (column_name);
- d) NEW INDEX index_name ON table_name (column_name);
- **Answer: a**

• Which of the following is not a MySQL data type?

- a) INT
- b) VARCHAR
- c) BOOLEAN
- d) LIST
- **Answer: d**

• Which function is used to get the current date and time in MySQL?

- a) CURRENT_DATE()
- b) NOW()
- c) GETDATE()
- d) TODAY()
- **Answer: b**

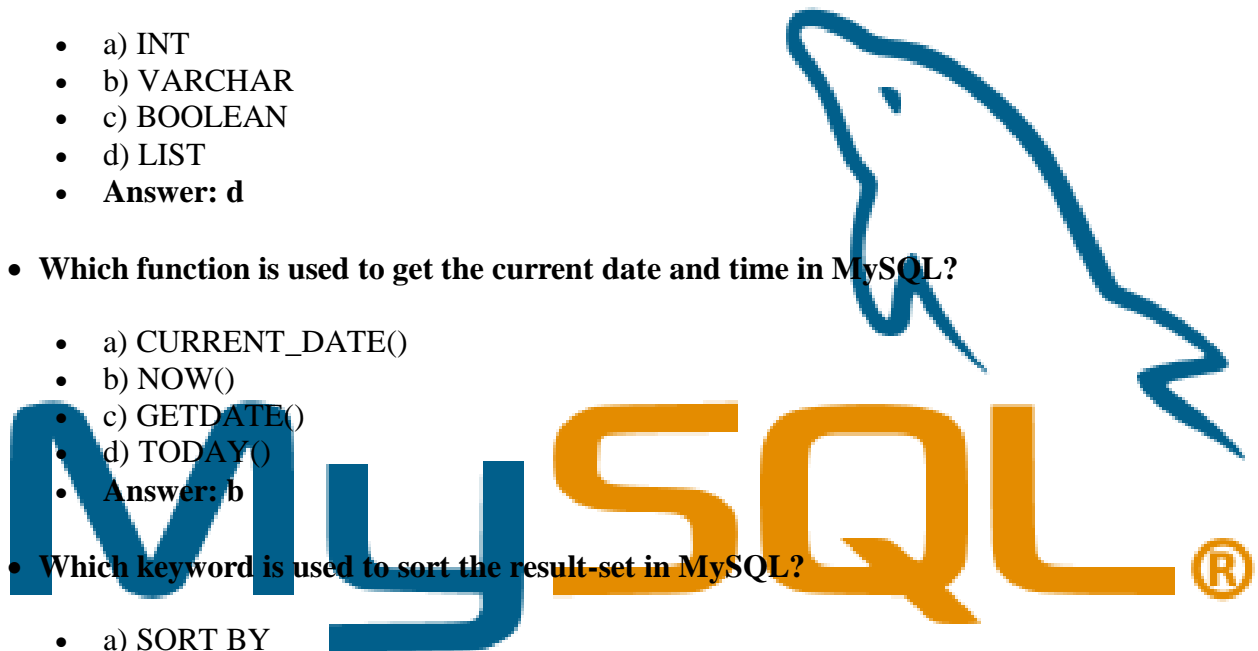
• Which keyword is used to sort the result-set in MySQL?

- a) SORT BY
- b) ORDER BY
- c) ARRANGE BY
- d) ALIGN BY
- **Answer: b**

• Which clause is used to specify conditions for the data to be selected in MySQL?

- a) WHERE
- b) IF
- c) WHICH
- d) CONDITION
- **Answer: a**

• Which command is used to add a new column to an existing table?



- a) ADD COLUMN column_name;
- b) ALTER TABLE table_name ADD column_name datatype;
- c) MODIFY TABLE table_name ADD column_name datatype;
- d) CHANGE TABLE table_name ADD column_name datatype;
- **Answer: b**

• Which command is used to remove a table from a database in MySQL?

- a) DELETE TABLE table_name;
- b) DROP TABLE table_name;
- c) REMOVE TABLE table_name;
- d) ERASE TABLE table_name;
- **Answer: b**

• Which function is used to count the number of rows in a table?

- a) COUNT_ROWS()
- b) NUMBER()
- c) COUNT()
- d) ROWS()
- **Answer: c**

• What is the purpose of the GROUP BY clause?

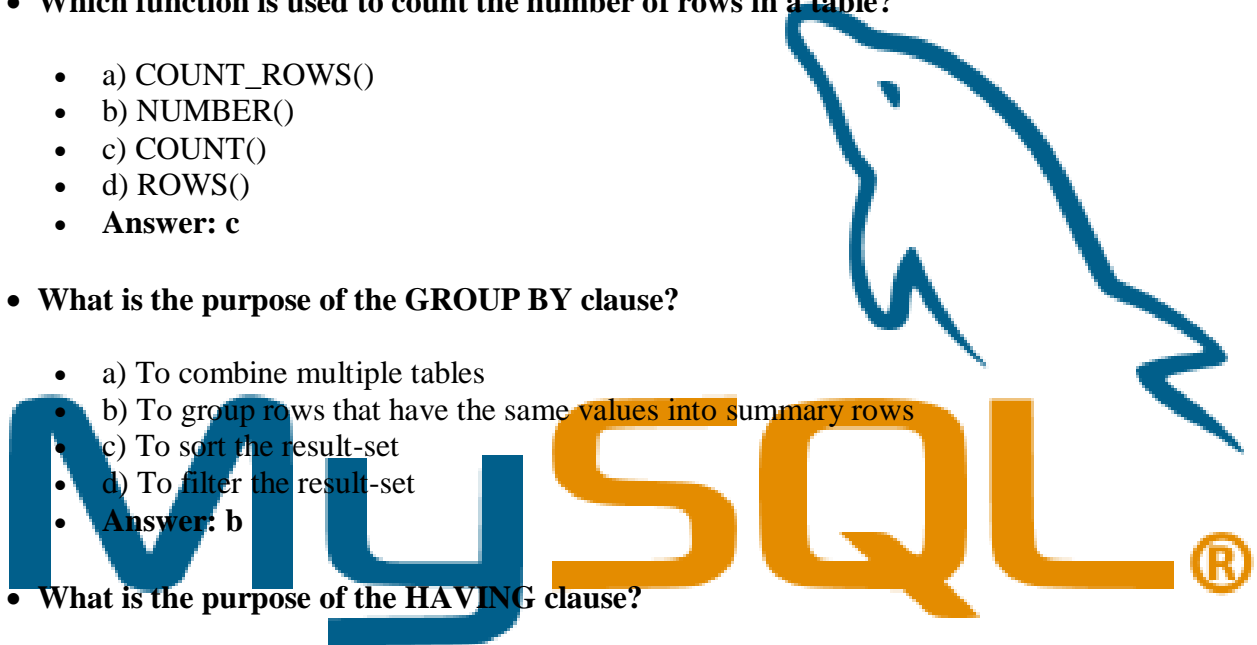
- a) To combine multiple tables
- b) To group rows that have the same values into summary rows
- c) To sort the result-set
- d) To filter the result-set
- **Answer: b**

• What is the purpose of the HAVING clause?

- a) To set conditions on columns
- b) To set conditions on groups created by the GROUP BY clause
- c) To sort the result-set
- d) To join multiple tables
- **Answer: b**

• Which of the following statements is used to create a view in MySQL?

- a) CREATE VIEW view_name AS SELECT statement;
- b) NEW VIEW view_name AS SELECT statement;
- c) ADD VIEW view_name AS SELECT statement;
- d) MAKE VIEW view_name AS SELECT statement;
- **Answer: a**



• Which function is used to extract a part of a string in MySQL?

- a) PART()
- b) SUBSTRING()
- c) EXTRACT()
- d) SLICE()
- **Answer: b**

• Which of the following is used to join two tables in MySQL?

- a) JOIN
- b) COMBINE
- c) LINK
- d) MERGE
- **Answer: a**

• Which of the following is the correct syntax to create a foreign key in MySQL?

- a) CREATE FOREIGN KEY fk_name ON table_name (column_name);
- b) FOREIGN KEY (column_name) REFERENCES other_table (other_column);
- c) ADD FOREIGN KEY fk_name TO table_name (column_name);
- d) SET FOREIGN KEY fk_name ON table_name (column_name);
- **Answer: b**

• Which command is used to modify the structure of an existing table?

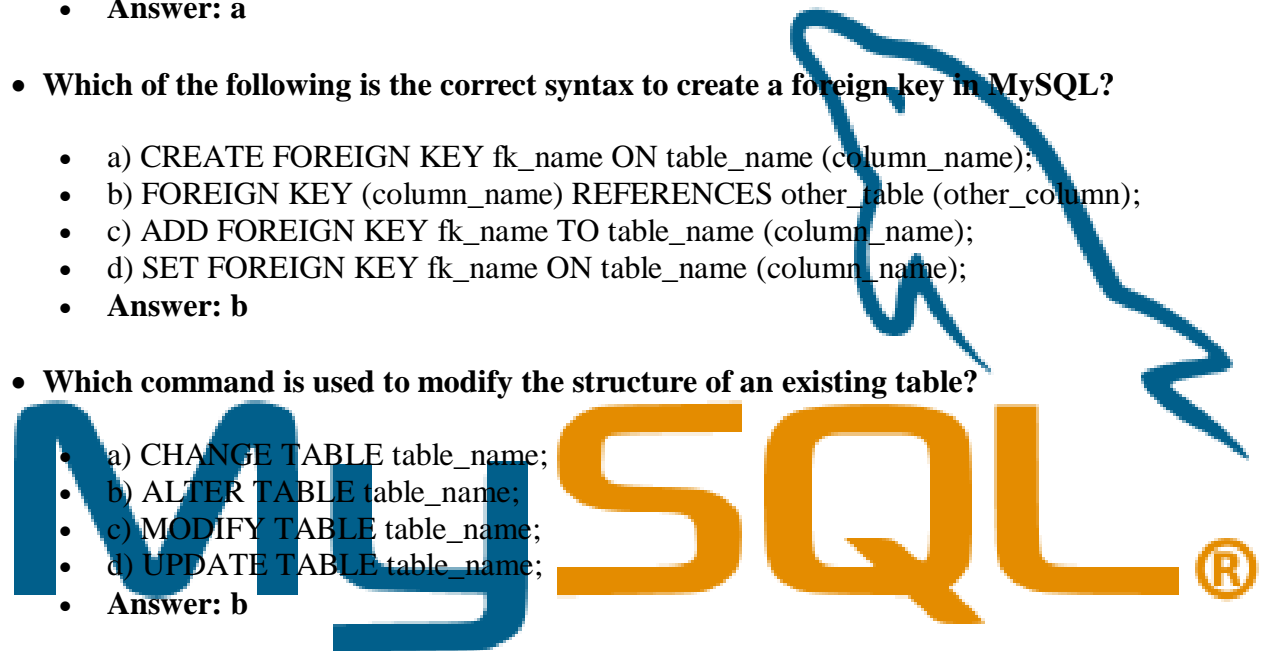
- a) CHANGE TABLE table_name;
- b) ALTER TABLE table_name;
- c) MODIFY TABLE table_name;
- d) UPDATE TABLE table_name;
- **Answer: b**

• Which of the following is not a valid MySQL aggregate function?

- a) SUM()
- b) AVG()
- c) COUNT()
- d) COMBINE()
- **Answer: d**

• What does the LIMIT clause do in a MySQL query?

- a) Limits the number of columns in the result-set
- b) Limits the number of rows in the result-set
- c) Limits the size of the database
- d) Limits the execution time of the query



- **Answer: b**

- **Which statement is used to create a stored procedure in MySQL?**

- a) CREATE PROCEDURE proc_name AS BEGIN ... END;
- b) MAKE PROCEDURE proc_name AS BEGIN ... END;
- c) ADD PROCEDURE proc_name AS BEGIN ... END;
- d) NEW PROCEDURE proc_name AS BEGIN ... END;
- **Answer: a**

- **Which MySQL keyword is used to prevent duplicate values in a column?**

- a) UNIQUE
- b) DISTINCT
- c) PRIMARY
- d) NONDUP
- **Answer: a**

- **Which of the following is a valid SQL constraint?**

- a) ONLY
- b) LIMIT
- c) PRIMARY KEY
- d) RESTRICT
- **Answer: c**

- **What is the default port number for MySQL?**

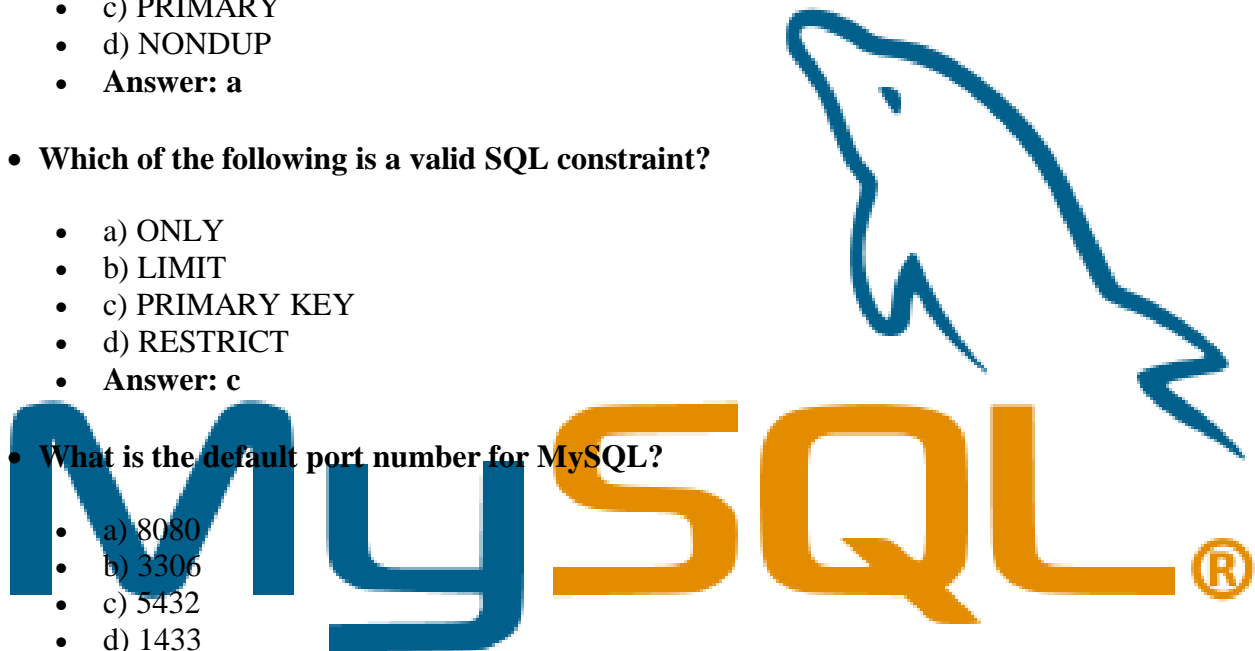
- a) 8080
- b) 3306
- c) 5432
- d) 1433
- **Answer: b**

- **Which function is used to convert a string to lowercase in MySQL?**

- a) LOWER()
- b) LCASE()
- c) TOLOWER()
- d) LOW()
- **Answer: a**

- **Which command is used to change the user password in MySQL?**

- a) SET PASSWORD FOR 'user'@'host' = 'newpassword';
- b) UPDATE USER SET PASSWORD = 'newpassword' WHERE User = 'user';



- c) ALTER USER 'user'@'host' IDENTIFIED BY 'newpassword';
- d) CHANGE USER 'user'@'host' PASSWORD = 'newpassword';
- **Answer: c**

• Which of the following is used to backup a MySQL database?

- a) BACKUP DATABASE dbname;
- b) mysqldump dbname > backup.sql
- c) COPY DATABASE dbname TO backup.sql;
- d) SAVE DATABASE dbname TO backup.sql;
- **Answer: b**

• Which of the following is used to restore a MySQL database from a backup?

- a) mysql dbname < backup.sql
- b) RESTORE DATABASE dbname FROM backup.sql;
- c) IMPORT DATABASE dbname FROM backup.sql;
- d) LOAD DATABASE dbname FROM backup.sql;
- **Answer: a**

• Which of the following is not a MySQL storage engine?

- a) InnoDB
- b) MyISAM
- c) MEMORY
- d) POSTGRES
- **Answer: d**

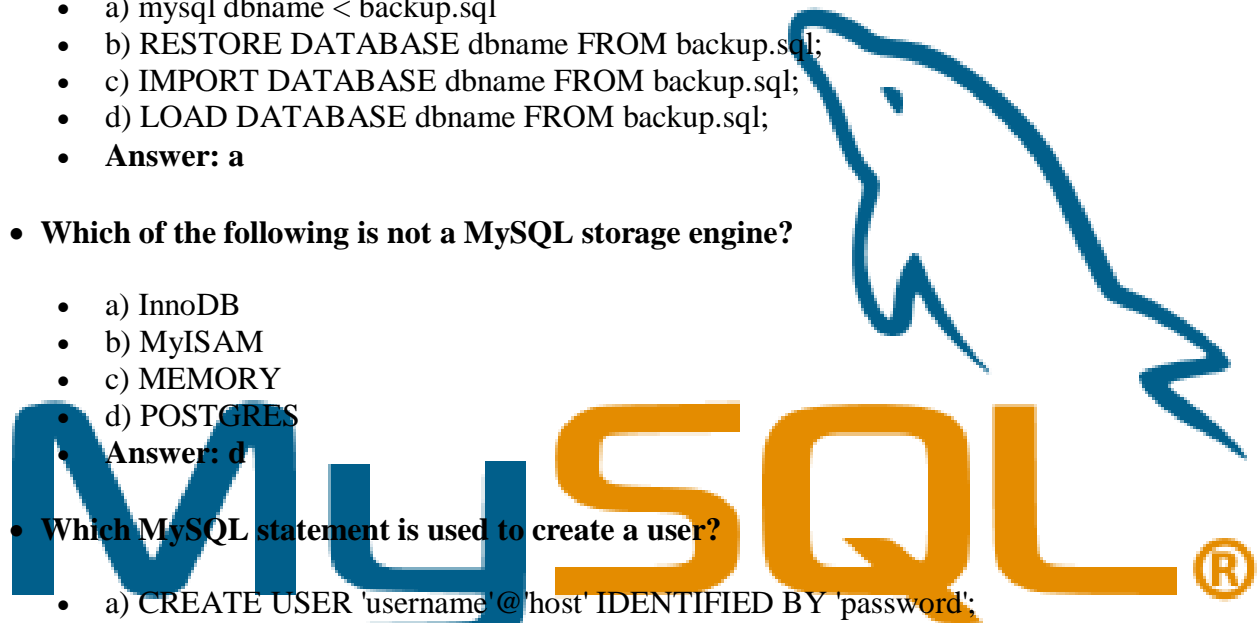
• Which MySQL statement is used to create a user?

- a) CREATE USER 'username'@'host' IDENTIFIED BY 'password';
- b) ADD USER 'username'@'host' IDENTIFIED BY 'password';
- c) NEW USER 'username'@'host' IDENTIFIED BY 'password';
- d) MAKE USER 'username'@'host' IDENTIFIED BY 'password';
- **Answer: a**

• Which command is used to grant privileges to a user in MySQL?

- a) GIVE PERMISSIONS TO 'user'@'host';
- b) GRANT privileges ON database.table TO 'user'@'host';
- c) ALLOW privileges TO 'user'@'host';
- d) PERMIT privileges TO 'user'@'host';
- **Answer: b**

• Which of the following statements is used to revoke privileges from a user in MySQL?



- a) REMOVE privileges FROM 'user'@'host';
- b) REVOKE privileges ON database.table FROM 'user'@'host';
- c) DELETE privileges FROM 'user'@'host';
- d) DROP privileges FROM 'user'@'host';
- **Answer: b**

• Which of the following functions can be used to concatenate strings in MySQL?

- a) CONCAT()
- b) MERGE()
- c) COMBINE()
- d) ATTACH()
- **Answer: a**

• Which keyword is used in a SELECT statement to return only distinct values?

- a) UNIQUE
- b) DISTINCT
- c) DIFFERENT
- d) EXCLUSIVE
- **Answer: b**

• Which function is used to calculate the average value of a numeric column in MySQL?

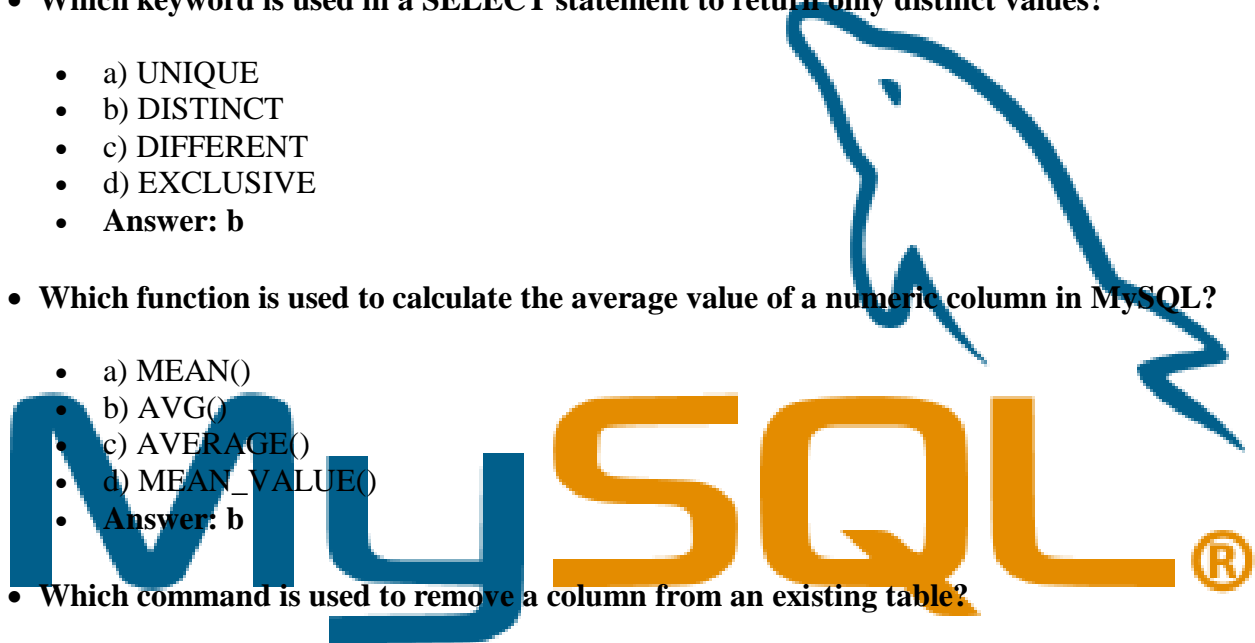
- a) MEAN()
- b) AVG()
- c) AVERAGE()
- d) MEAN_VALUE()
- **Answer: b**

• Which command is used to remove a column from an existing table?

- a) DELETE COLUMN column_name;
- b) DROP COLUMN column_name;
- c) REMOVE COLUMN column_name;
- d) ERASE COLUMN column_name;
- **Answer: b**

• Which of the following functions can be used to find the maximum value in a column?

- a) MAX()
- b) HIGHEST()
- c) TOP()
- d) UPPER()
- **Answer: a**



• Which of the following is a valid SQL keyword used to create a primary key?

- a) PRIMARY
- b) MAIN
- c) UNIQUE
- d) KEY
- **Answer: a**

• Which clause is used to combine the results of two SELECT statements?

- a) UNION
- b) COMBINE
- c) JOIN
- d) MERGE
- **Answer: a**

• What is the function of the AUTO_INCREMENT attribute in MySQL?

- a) Automatically increments a value in a column when a new row is added
- b) Automatically updates a value in a column when it is modified
- c) Automatically decreases a value in a column when a row is deleted
- d) Automatically sets a default value for a column
- **Answer: a**

• Which function is used to remove leading and trailing spaces from a string in MySQL?

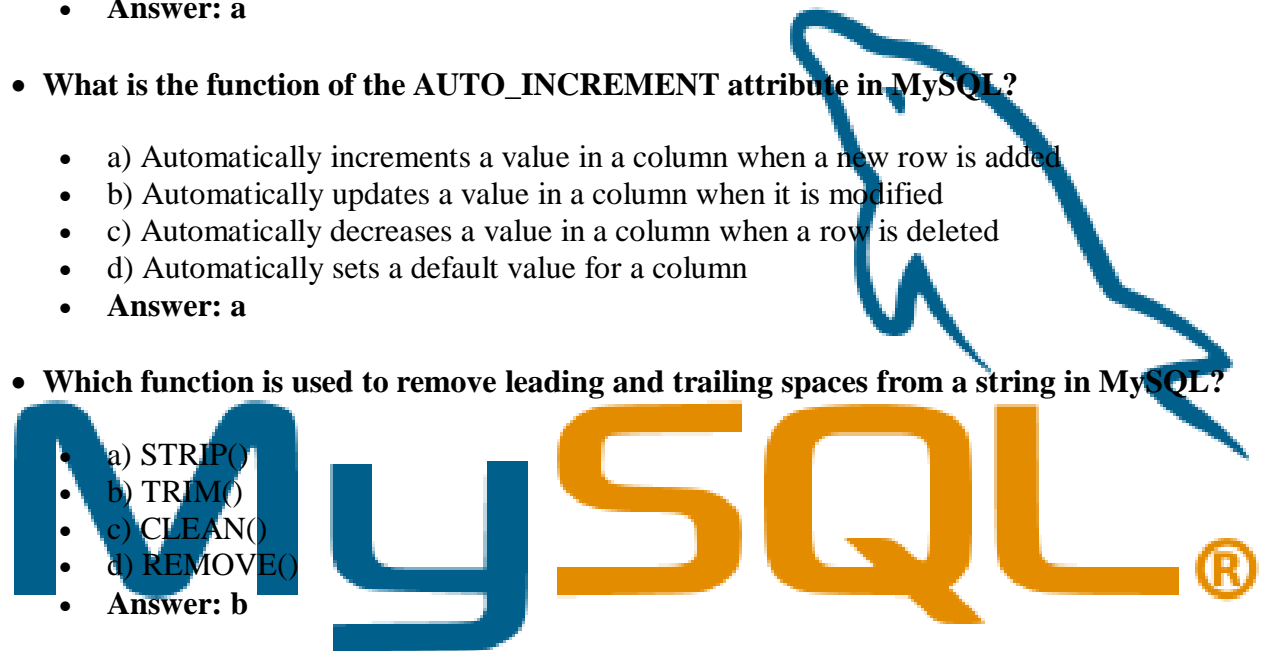
- a) STRIP()
- b) TRIM()
- c) CLEAN()
- d) REMOVE()
- **Answer: b**

• Which clause is used to rename a table in MySQL?

- a) RENAME TABLE old_name TO new_name;
- b) CHANGE TABLE old_name TO new_name;
- c) ALTER TABLE old_name TO new_name;
- d) MODIFY TABLE old_name TO new_name;
- **Answer: a**

• Which of the following functions can be used to return the length of a string in MySQL?

- a) LEN()
- b) LENGTH()
- c) STRING_LENGTH()
- d) SIZE()



- **Answer: b**

- **Which statement is used to create a trigger in MySQL?**

- a) CREATE TRIGGER trigger_name BEFORE|AFTER INSERT|UPDATE|DELETE ON table_name FOR EACH ROW BEGIN ... END;
- b) MAKE TRIGGER trigger_name BEFORE|AFTER INSERT|UPDATE|DELETE ON table_name FOR EACH ROW BEGIN ... END;
- c) ADD TRIGGER trigger_name BEFORE|AFTER INSERT|UPDATE|DELETE ON table_name FOR EACH ROW BEGIN ... END;
- d) NEW TRIGGER trigger_name BEFORE|AFTER INSERT|UPDATE|DELETE ON table_name FOR EACH ROW BEGIN ... END;
- **Answer: a**

- **Which function is used to calculate the sum of a column in MySQL?**

- a) SUM()
- b) TOTAL()
- c) ADD()
- d) CALCULATE()
- **Answer: a**

- **Which of the following statements can be used to create a unique index on a table?**

- a) CREATE UNIQUE INDEX index_name ON table_name (column_name);
- b) ADD UNIQUE INDEX index_name ON table_name (column_name);
- c) MAKE UNIQUE INDEX index_name ON table_name (column_name);
- d) SET UNIQUE INDEX index_name ON table_name (column_name);
- **Answer: a**

- **Which function is used to get the current database name in MySQL?**

- a) CURRENT_DATABASE()
- b) DB_NAME()
- c) DATABASE()
- d) CURRENT_DB()
- **Answer: c**