

MySQL Assessment

- What is MySQL?

Marked Answer :

A relational database management system

Correct Answer :

A relational database management system

Total Marks : 1MARKS OBTAINED 1

- Which keyword is used to create a new database in MySQL?

Marked Answer :

CREATE

Correct Answer :

DATABASE

Total Marks : 1MARKS OBTAINED 0

- Which command is used to view the structure of a table in MySQL?

Marked Answer :

DESCRIBE

Correct Answer :

DESCRIBE

Total Marks : 1MARKS OBTAINED 1

- Which data type would you use to store a large amount of text in MySQL?

Marked Answer :

TEXT

Correct Answer :

TEXT

Total Marks : 1MARKS OBTAINED 1

- Which keyword is used to select all columns from a table in MySQL?

Marked Answer :

SELECT *

Correct Answer :

SELECT *

Total Marks : 1MARKS OBTAINED 1

- Which keyword is used to join two tables in MySQL?

Marked Answer :

JOIN

Correct Answer :

JOIN

Total Marks : 1MARKS OBTAINED 1

- Which clause is used to filter the results of a MySQL query based on a specified condition?

Marked Answer :

WHERE

Correct Answer :

WHERE

Total Marks : 1MARKS OBTAINED 1

- Which statement is used to update data in a MySQL table?

Marked Answer :

UPDATE

Correct Answer :

UPDATE

Total Marks : 1MARKS OBTAINED 1

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

Marked Answer :

COUNT(*)

Correct Answer :

COUNT(*)

Total Marks : 1MARKS OBTAINED 1

- Which command is used to delete a table in MySQL?

Marked Answer :

DROP

Correct Answer :

DROP

Total Marks : 1MARKS OBTAINED 1

- What represents an ‘attribute’ in a relational database?

Marked Answer :

Column

Correct Answer :

Column

Total Marks : 1MARKS OBTAINED 1

- What represents a ‘tuple’ in a relational database?

Marked Answer :

Row

Correct Answer :

Row

Total Marks : 1MARKS OBTAINED 1

- How is communication established with MySQL?

Marked Answer :

APIs

Correct Answer :

SQL

Total Marks : 1MARKS OBTAINED 0

- What does ‘name’ represent in the following SQL code snippet?

CREATE TABLE student

(

 name CHAR(30),

 roll_num INT,

 address CHAR(30),

 phone CHAR(12)

);

Marked Answer :

A column

Correct Answer :

A column

Total Marks : 1MARKS OBTAINED 1

- Which is the MySQL instance responsible for data processing?

Marked Answer :

MySQL server

Correct Answer :

MySQL server

Total Marks : 1MARKS OBTAINED 1

- The MySQL server used in its client/server architecture is _____

Marked Answer :

mysqld

Correct Answer :

mysqld

Total Marks : 1MARKS OBTAINED 1

- In MySQL databases, the structure representing the organizational views of the entire databases is _____

Marked Answer :

Schema

Correct Answer :

Schema

Total Marks : 1MARKS OBTAINED 1

- Which of the following clauses is used to display information that match a given pattern?

Marked Answer :

LIKE

Correct Answer :

LIKE

Total Marks : 1MARKS OBTAINED 1

- What column names are displayed when this SQL command is executed?

SHOW COLUMNS FROM tbl_name LIKE '%name';

Marked Answer :

suffixed with '%name'

Correct Answer :

suffixed with 'name'

Total Marks : 1MARKS OBTAINED 0

- The special database that always exists after setting up MySQL in a computer is _____

Marked Answer :

mysql

Correct Answer :

information_schema

Total Marks : 1MARKS OBTAINED 0

- In the following SQL code, InnoDB is _____

CREATE TABLE student (

name CHAR(30),

student_id INT,

PRIMARY KEY (student_id)

) ENGINE = InnoDB;

Marked Answer :

storage engine

Correct Answer :

storage engine

Total Marks : 1MARKS OBTAINED 1

- Identify the table name in the following SQL statement.

INSERT INTO student VALUES('Kyle', 'M', NULL);

Marked Answer :

Student

Correct Answer :

Student

Total Marks : 1MARKS OBTAINED 1

- What is 'xyz' in the following SQL statement?

SELECT abc FROM xyz

Marked Answer :

table name

Correct Answer :

table name

Total Marks : 1MARKS OBTAINED 1

- Which clause is used to sort query elements?

Marked Answer :

ORDER BY

Correct Answer :

ORDER BY

Total Marks : 1MARKS OBTAINED 1

- What does comparing a known value with NULL result into?

Marked Answer :

null

Correct Answer :

null

Total Marks : 1MARKS OBTAINED 1

- Which statement is used to remove indexes on tables?

Marked Answer :

DROP INDEX

Correct Answer :

DROP INDEX

Total Marks : 1MARKS OBTAINED 1

- It is possible to drop multiple tables in the same statement.

Marked Answer :

True

Correct Answer :

True

Total Marks : 1MARKS OBTAINED 1

- Which key declares that an index in one table is related to that in another?

Marked Answer :

foreign

Correct Answer :

foreign

Total Marks : 1MARKS OBTAINED 1

- Foreign keys cannot handle deletes and updates.

Marked Answer :

False

Correct Answer :

False

Total Marks : 1MARKS OBTAINED 1

- The property of InnoDB that enforces foreign key relationships stay intact is called _____

Marked Answer :

referential integrity

Correct Answer :

referential integrity

Total Marks : 1MARKS OBTAINED 1

Total Marks **26 / 30**

26/30

Question 1

1

What is MySQL?

A relational database management system

A programming language

A web server

An operating system

Question 2

1

Which keyword is used to create a new database in MySQL?

CREATE

INSERT SELECT DATABASE

Question 3

1

Which command is used to view the structure of a table in MySQL?

 DESCRIBE SELECT SHOW EXPLAIN

Question 4

1

Which data type would you use to store a large amount of text in MySQL?

 INT VARCHAR TEXT BOOLEAN

Question 5

1

Which keyword is used to select all columns from a table in MySQL?

 SELECT * SELECT ALL

SELECT ALL COLUMNS

SELECT ALL ROWS

Question 6

1

Which keyword is used to join two tables in MySQL?

JOIN

UNION

INTERSECT

MINUS

Question 7

1

Which clause is used to filter the results of a MySQL query based on a specified condition?

WHERE

HAVING

GROUP BY

ORDER BY

Question 8

1

Which statement is used to update data in a MySQL table?

INSERT

UPDATE

DELETE

REPLACE

Question 9

1

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

 COUNT(*) SUM AVG MAX

Question 10

1

Which command is used to delete a table in MySQL?

 DROP DELETE REMOVE ERASE

Question 11

1

What represents an ‘attribute’ in a relational database?

 Table Row Column Object

Question 12

1

What represents a ‘tuple’ in a relational database?

 Table Row Column Object

Question 13

1

How is communication established with MySQL?

 SQL Network calls A programming language like C++ APIs

Question 14

1

What does ‘name’ represent in the following SQL code snippet?

CREATE TABLE student

(
 name CHAR(30),
 roll_num INT,
 address CHAR(30),
 phone CHAR(12)
);

 A table

A row A column An object

Question 15

1

Which is the MySQL instance responsible for data processing?

 MySQL client MySQL server SQL Server daemon program

Question 16

1

The MySQL server used in its client/server architecture is _____

 mysqla mysqlb mysqlc mysqld

Question 17

1

In MySQL databases, the structure representing the organizational views of the entire databases is _____

 Schema View

Instance Table

Question 18

1

Which of the following clauses is used to display information that match a given pattern?

 LIKE WHERE IS SAME

Question 19

1

What column names are displayed when this SQL command is executed?

```
SHOW COLUMNS FROM tbl_name LIKE '%name';
```

 suffixed with 'name' prefixed with 'name' suffixed with '%name' prefixed with '%name'

Question 20

1

The special database that always exists after setting up MySQL in a computer is

 sampdb mysql

information_schema readme_db

Question 21

1

In the following SQL code, InnoDB is _____

```
CREATE TABLE student (
    name CHAR(30),
    student_id INT,
    PRIMARY KEY (student_id)
) ENGINE = InnoDB;
```

 database name table name reference engine storage engine

Question 22

1

Identify the table name in the following SQL statement.

```
INSERT INTO student VALUES('Kyle','M',NULL);
```

 Student Values Kyle M

Question 23

1

What is ‘xyz’ in the following SQL statement?

SELECT abc FROM xyz

row name

column name

table name

database name

Question 24

1

Which clause is used to sort query elements?

GROUP

GROUP BY

ORDER

ORDER BY

Question 25

1

What does comparing a known value with NULL result into?

zero

a positive value

a negative value

null

Question 26

1

Which statement is used to remove indexes on tables?

DROP INDEX

DELETE INDEX

REMOVE INDEX

FLUSH INDEX

Question 27

1

It is possible to drop multiple tables in the same statement.

True

False

Question 28

1

Which key declares that an index in one table is related to that in another?

primary

secondary

foreign

cross

Question 29

1

Foreign keys cannot handle deletes and updates.

True

False

Question 30

1

The property of InnoDB that enforces foreign key relationships stay intact is called _____

 atomicity durability consistency referential integrity