

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 :

DATABASE

Correct Answer :

DATABASE

Total Marks : 1MARKS OBTAINED 1

- 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 :

SQL

Correct Answer :

SQL

Total Marks : 1MARKS OBTAINED 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)
```

```
);
```

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 :

suffixes with 'name'

Correct Answer :

suffixes with 'name'

Total Marks : 1MARKS OBTAINED 1

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

Marked Answer :

information_schema

Correct Answer :

information_schema

Total Marks : 1MARKS OBTAINED 1

- 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 **30 / 30**

30/30

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 _____

☐ mysqlda☐ 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