

## 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 :**

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 client

**Correct Answer :**

**MySQL server**

Total Marks : 1MARKS OBTAINED 0

- 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 :**

prefixed with '%name'

**Correct Answer :**

**suffixes with 'name'**

Total Marks : 1MARKS OBTAINED 0

- 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 **27 / 30**

## 27/30

### 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

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## Question 3

1

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

☒ DESCRIBE☐ SELECT☐ SHOW☐ EXPLAIN

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## Question 4

1

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

☐ INT☐ VARCHAR☒ TEXT☐ BOOLEAN

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## 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

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## Question 15

1

Which is the MySQL instance responsible for data processing?

☒ MySQL client☐ MySQL server☐ SQL☐ Server daemon program

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## Question 16

1

The MySQL server used in its client/server architecture is \_\_\_\_\_

☐ mysqlda☐ mysqlb☐ mysqlc☒ mysqld

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## 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

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## Question 27

1

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

☒ True

☐ False

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## Question 28

1

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

☐ primary

☐ secondary

☒ foreign

☐ cross

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## 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