## **MySQL** Assessment

**SELECT \*** 

viya	OQL 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:

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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

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• 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:** 

Total Marks: 1MARKS OBTAINED 1

A column

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•	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'

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Total Marks: 1MARKS OBTAINED 1

<ul> <li>T</li> </ul>	The special	database that	always exists	after setting u	ıp MySQL	in a computer is
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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:** 

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	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

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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 O A programming language O A web server OAn operating system Question 2 Which keyword is used to create a new database in MySQL?

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O CREATE

○INSERT		
○SELECT		
• DATABASE		
Question 3		
Which command is used to view the structure of a table in MySQL?		
• DESCRIBE		
OSELECT		
○SHOW		
OEXPLAIN		
Question 4 1		
Which data type would you use to store a large amount of text in MySQL?		
OINT		
○VARCHAR		
● TEXT		
OBOOLEAN		
Question 5		
Which keyword is used to select all columns from a table in MySQL?		
© SELECT *		
O SELECT ALL		

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○ SELECT ALL COLUMNS
O SELECT ALL ROWS
Question 6
Which keyword is used to join two tables in MySQL?
JOIN
OUNION
OINTERSECT
OMINUS
Question 7  Which clause is used to filter the results of a MySQL query based on a specified condition?
• WHERE
OHAVING
○ GROUP BY
ORDER BY
Question 8
Which statement is used to update data in a MySQL table?
OINSERT
● UPDATE
ODELETE

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OREPLACE
Question 9 1
Which function is used to count the number of rows in a MySQL table?
● COUNT(*)
OSUM
○AVG
$\bigcirc$ MAX
Question 10
Which command is used to delete a table in MySQL?
● DROP
ODELETE
OREMOVE
OERASE
Question 11 1
What represents an 'attribute' in a relational database?
○ Table
○Row
● Column
Object

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Question 12 What represents a 'tuple' in a relational database? O Table Row O Column Object Question 13 How is communication established with MySQL? SQL O Network calls O A programming language like C++ O APIs Question 14 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) );

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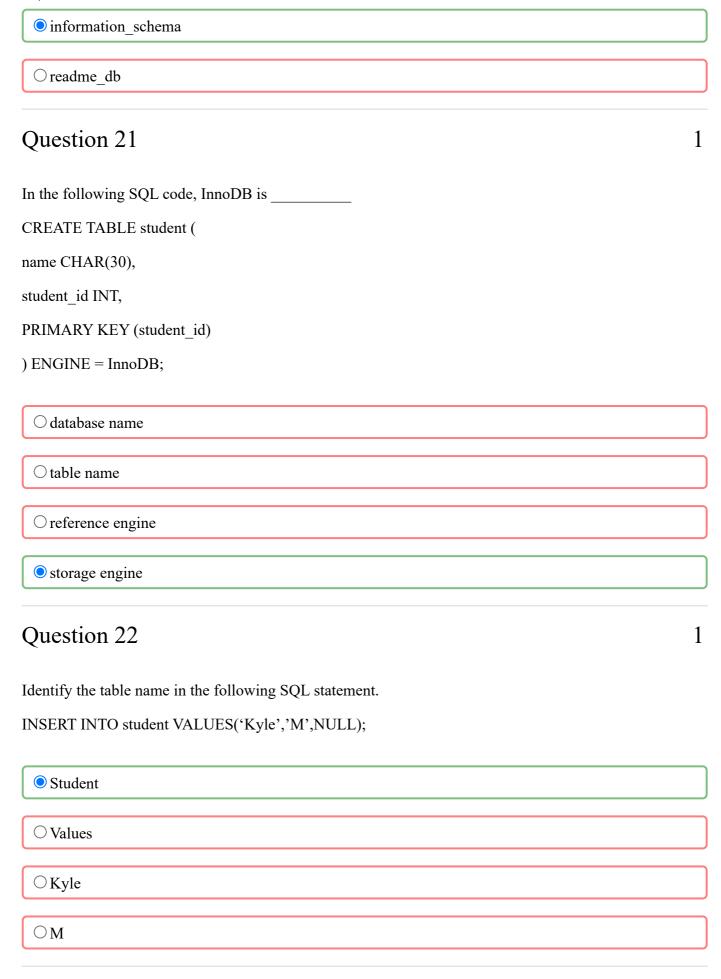
O A table

○ A row	
A column	
O An object	
Question 15	1
Which is the MySQL instance responsible for data processing?	
O MySQL client	
MySQL server	
○SQL	
O 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	٦

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○ Instance	
○ Table	
Question 18	1
Which of the following clauses is used to display information that match a given pattern?	
● LIKE	
○ WHERE	
OIS	
OSAME	
Question 19	1
What column names are displayed when this SQL command is executed?  SHOW COLUMNS FROM tbl_name LIKE '%name';	
suffixed with 'name'	
Oprefixed with 'name'	
○ suffixed with '%name'	
Oprefixed with '%name'	
Question 20	1
The special database that always exists after setting up MySQL in a computer is	
○ sampdb	
○mysql	

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Question 23

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What is 'xyz' in the following SQL statement?

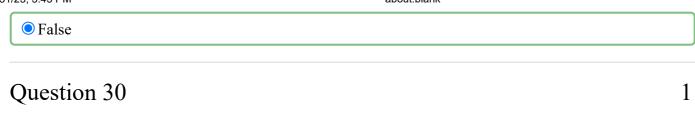
SELECT abc FROM xyz Orow name O column name otable name O database name Question 24 Which clause is used to sort query elements? O GROUP OGROUP BY ORDER ORDER BY Question 25 What does comparing a known value with NULL result into? Ozero O a positive value O a negative value onull Question 26

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Which statement is used to remove indexes on tables?	
O DROP INDEX	
O DELETE INDEX	
© REMOVE INDEX	
OFLUSH 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?	
Oprimary	
Secondary	
• foreign	
○ cross	
Question 29	1
Foreign keys cannot handle deletes and updates.	

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○ True



Question 30

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

atomicity

durability

consistency

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