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:
	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:

about:blank 1/17

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

about:blank 2/17 4/10/23, 11:35 AM

• 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

about:blank 3/17

•	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:
	suffixed with 'name'

about:blank 4/17

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:

about:blank 5/17

	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

about:blank 6/17

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

about:blank 7/17

• CREATE

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

about:blank 8/17

O SELECT ALL COLUMNS		
O SELECT ALL ROWS		
Question 6 1		
Which keyword is used to join two tables in MySQL?		
JOIN		
OUNION		
OINTERSECT		
OMINUS		
Question 7 1 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 1		
Which statement is used to update data in a MySQL table?		
OINSERT		
© UPDATE		
ODELETE		

about:blank 9/17

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

about:blank 10/17

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));

about:blank 11/17

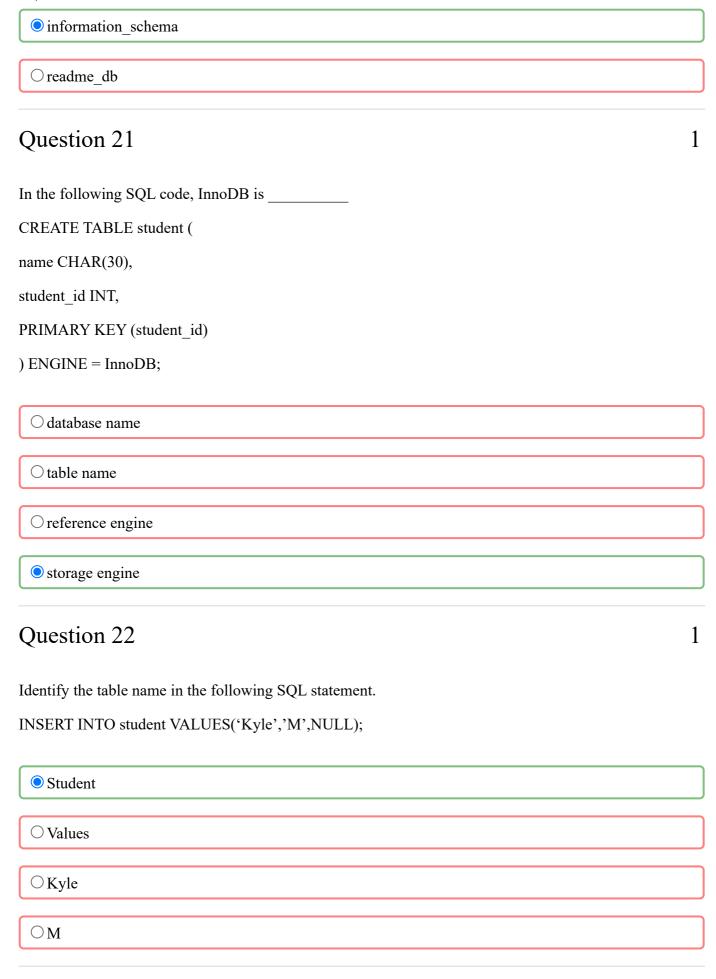
O A table

○ A row				
● A column				
O An object				
Question 15 1				
Which is the MySQL instance responsible for data processing?				
● MySQL client				
OMySQL server				
○ SQL				
O Server daemon program				
Question 16 1				
The MySQL server used in its client/server architecture is				
Omysqla				
Omysqlb				
Omysqlc				
• mysqld				
Question 17 1				
In MySQL databases, the structure representing the organizational views of the entire databases is				
Schema				
○ View				

about:blank 12/17

○ 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';	
osuffixed with 'name'	
Oprefixed with 'name'	
osuffixed with '%name'	
oprefixed with '%name'	
Question 20	1
The special database that always exists after setting up MySQL in a computer is	
○ sampdb	
○mysal	

about:blank 13/17



Question 23

about:blank 14/17

What is 'xyz' in the following SQL statement?

Question 26

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 null

about:blank 15/17

4/10/23, 11:35 AM about:blank Which statement is used to remove indexes on tables? OROP INDEX O DELETE INDEX O REMOVE INDEX OFLUSH INDEX Question 27 It is possible to drop multiple tables in the same statement. True O False Question 28 1 Which key declares that an index in one table is related to that in another? Oprimary Osecondary of foreign

Question 29

Foreign keys cannot handle deletes and updates.

O cross

○ True

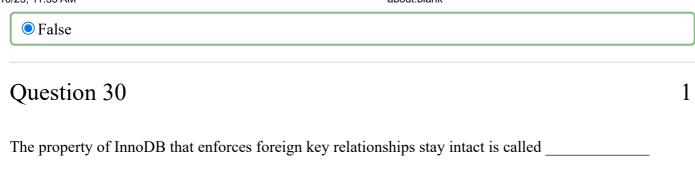
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 $\bigcirc\, atomicity$

 \bigcirc durability

 \bigcirc consistency

oreferential integrity



about:blank 17/17