Graded Quiz-1 Results for Amey Bhilegaonkar

⚠ Correct answers are hidden.

Score for this attempt: **16** out of 16
Submitted Jan 16 at 8:46pm
This attempt took 10 minutes.

Question 1	1 / 1 pts

Which of the following is NOT one of the levels of abstraction for databases?

- ⦿ Filesystem Schema

- ◯ Views

- ◯ Physical Schema

- ◯ Conceptual Schema

Question 2	1 / 1 pts

Table descriptions are an example of _____ level documentation.

- ⦿ Conceptual Schema

- ◯ Physical Schema

- ◯ Views

- ◯ Filesystem Schema

Question 3

1 / 1 pts

A particular query that pulls information from one or more tables is an example of a:

○ Physical Schema

○ Conceptual Schema

◉ View

○ Relation

Question 4

1 / 1 pts

Which of the following database types is most oriented toward storing well-structured data?

○ Hadoop

◉ Relational Database

○ NoSQL Database

○ Spark

Question 5

1 / 1 pts

What major advantage does NoSQL database systems have?

◉ NoSQL database systems can deal with unstructured data

○ NoSQL database systems data is highly structured

○ NoSQL database systems bundle massive scale well

○ NoSQL database systems are good for operational data.

Question 6   1 / 1 pts

In a ER Diagram, a diamond shape indicates what?

○ A constraint

○ An attribute

○ An entity

◉ A relationship

Question 7   1 / 1 pts

A participation constraint is indicated how in an ER diagram.

◉ A bold line

○ A dotted line

○ A line

○ A dashed line

Question 8   1 / 1 pts

Consider the query: $\prod_{a,\,b}\left(\sigma_{c=2}\left(z \cup y\right)\right)$

What does the query return?

○ Fields a and b of the rows from z and y where c=2.

○

Fields a and b of the rows from the intersection of z and y where c=2.

○ Fields a,b, and c of the rows from y and z where c=2.

○ Fields a, b, c or the rows from the intersection of z and y where c=2.

Question 9   1 / 1 pts

What does the relational algebra operator 'x' indicate?

○ The union of the two tables.

⦿ All possible pairs from the two tables.

○ The intersection of the two tables.

○ All pairs from the two tables matched on a specified field.

Question 10   1 / 1 pts

Which of the following are optional in SQL queries?

☑ DISTINCT

☐ FROM

☑ WHERE

☐ SELECT

Question 11

1 / 1 pts

Massive scale analytics merely require which type of database system?

○ MongoDB

◉ Hadoop, Spark, or similar

○ NoSQL

○ Oracle

Question 12

1 / 1 pts

The basic formula for an SQL query is:

○ DISTINCT FROM QUALIFICATION

◉ SELECT, FROM, WHERE

○ TARGET, RELATION, DISTINCT

○ DISTINCT, FIELD, ID

Question 13

1 / 1 pts

Which of the following statements are true about string constants in PostgreSQL

☑ These are character sequences bound within single quotes.

☐ @tag@<string_constant>@tag@ is a valid example of string constants in PostgresSQL

☑ tag<string_constant>tag is a valid example of string constants in PostgresSQL

☐ These are character array sequences bound within double quotes

Question 14   1 / 1 pts

Which of the following statements are true about Write-Ahead Logging

☑ It increases the database reliability.

☐ It has no effect on the database reliability.

☑ This feature logs the changes before any changes are done to the database.

☐ This feature logs the changes after any changes are done to the database.

Question 15   1 / 1 pts

Which of the following statements are true?

○ TRUNCATE supports WHERE condition

○ DELETE is a faster operation than TRUNCATE

○ DELETE is and example of Data Control Database Language

◉ TRUNCATE locks the entire table

Question 16   1 / 1 pts

What is the meaning of this Query?

ALTER TABLE STUDENTS ADD(GRADES VARCHAR2(20));

○ None of the above

◉ Add a column GRADES in the table STUDENTS

○ Add a column STUDENTS in the table GRADES

○ Error

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