Quiz1

Deadline	Wednesday, 04 March 2020 at 11:59PM
Latest Submission	Tuesday, 03 March 2020 at 10:04PM
Raw Mark	5.00/5.00 (100.00%)
Late Penalty	N/A
Final Mark	5.00/5.00 (100.00%)

Question 1 (1 mark)

- Which statement is **NOT true** about NoSQL databases?

(a) ○	MongoDB is an example of NoSQL database
(b) ◉	NoSQL databases can never have a fixed schema
(c) ○	NoSQL includes a range of non-relational data storage models
(d) ○	NoSQL databases are suitable for embedded document-like data model

✔ Your response was correct.
Mark: 1.00

Question 2 (1 mark)

Which of the following statements is **not true** about **Impedance Mismatch**?

(a) ○	It is one of the problems mostly related to relational databases
(b) ○	It refers to the problem of a mismatch between application data model and the relational data model
(c) ◉	1. It is a translation layer between the objects in the application code and the database model of tables/row/columns
(d) ○	It is also called "Object-Relational Mismatch"

✔ Your response was correct.
Mark: 1.00

Question 3 (1 mark)

Which statement is **NOT correct** about Graph Models?

(a) ○	They are suitable when there are many **Many to Many** relationships between entities
(b) ○	In this model, entities are represented by nodes, and edges represent relationships
(c) ⦿	Vertices are limited to point to the same type of entities.
(d) ○	Nodes in the graph can have attributes

✔ Your response was correct.

Mark: 1.00

Question 4 (1 mark)

In the presneted example of SQLAlchemy in the lecture, which statement is correct?

(a) ○	SQLAlchemy ORM communicate directly with DBAPI
(b) ⦿	SQLAlchemy ORM is an optional layer that is built on top of SQLAlchemy Core
(c) ○	When using SQLAlchemy ORM, developers need to create "Engine" which is an object that maintains the classical DBAPI interactions with the database

✔ Your response was correct.

Mark: 1.00

Question 5 (1 mark)

Which of the following can be considered as metadata?

(a) ○	The description of an object and its type
(b) ○	The time an object is created or modified
(c) ○	Information about the origin of the object
(d) ⦿	All of the above mentioned options

✔ Your response was correct.

Mark: 1.00