



Started on Wednesday, 11 September 2024, 4:39 PM

State Finished

Completed on Wednesday, 11 September 2024, 4:41 PM

Time taken 1 min 47 secs

Marks 5.00/5.00

Grade 10.00 out of 10.00 (100%)

Question 1

Correct

Mark 1.00 out of 1.00

What is the primary purpose of establishing relationships in a relational data model?

- a. To minimize data redundancy ✓
- b. To maximize data redundancy
- c. To simplify query performance
- d. To create complex data structures

Question 2

Correct

Mark 1.00 out of 1.00

In what way does a Database Developer differ from a Database Administrator (DBA)?

- a. Developers focus on database security, while DBAs focus on query optimization.
- b. Developers primarily write code for applications, while DBAs manage and maintain the database system. ✓
- c. DBAs focus on database design, while Developers manage data backups.
- d. Both roles are synonymous and interchangeable.

Question 3

Correct

Mark 1.00 out of 1.00

How do relational database management systems (RDBMS) differ from other types of DBMS?

- a. RDBMS only store structured data, while others handle unstructured data. ✓
- b. RDBMS uses a schema-less approach.
- c. Other DBMS types do not support data relationships.
- d. RDBMS and others have similar characteristics. |

Question 4

Correct

Mark 1.00 out of 1.00



What is the primary responsibility of a Database Administrator (DBA) in an organization?

- a. Writing code for applications
- b. Managing and maintaining the organization's database system ✓
- c. Designing network architectures
- d. Creating user interfaces

Question 5

Correct

Mark 1.00 out of 1.00



How does the concept of a composite key differ from a single-column primary key in a relational data model?

- a. A composite key is used for indexing, while a single-column primary key is not.
- b. A composite key consists of multiple columns, while a single-column primary key has only one column. ✓
- c. Both terms are synonymous and interchangeable.
- d. A single-column primary key is more complex than a composite key.