1.

Question 1

The physical data model represents a detailed level of a relational database structure including tables, columns, primary and foreign keys with relevant data types and constraints, which can be deployed to a database management system.

1 / 1 point

True

False

Correct

Correct! The physical data model specifies the level of detail required to deploy a database schema in a database management system.

2.

Question 2

The \_\_\_\_\_\_\_\_\_\_\_ data model presents a high-level overview of the database system through a visual representation of its entities and their relationships.

1 / 1 point

conceptual

Correct

Correct! The conceptual data model presents a high-level overview of the database system through a visual representation of its entities and their relationships.

3.

Question 3

Which data model is organized in the form of a parent-child structure, where each record of data has one parent node and can also have many child nodes?

1 / 1 point

The object-oriented data model.

The hierarchical data model.

The relational data model.

Correct

Correct! The hierarchical data model is organized in the form of a parent-child structure, where each record of data has one parent node and can also have many child nodes.

4.

Question 4

The \_\_\_\_\_\_\_\_\_\_\_\_ data model consists of dimensions and facts tables.

1 / 1 point

dimensional

Correct

Correct! The dimensional data model consists of dimensions and facts tables.

5.

Question 5

Database normalization aims to solve the problems of data anomalies caused by update, insertion, and deletion operations.

1 / 1 point

True

False

Correct

Correct! Database normalization aims to solve the problems of data anomalies caused by update, insertion, and deletion operations.