1.	You're building a website for an online store. You need to store product information, customer details, and order history. Which of the following best describes the role of a database in this scenario?
	A programming language for data analysis
	A collection of related tables
	A physical device for storing data
	A graphical user interface for data visualization
	Correct Correct! In this scenario, a database serves as a collection of related tables. It provides a structured way to store product information, customer details, and order history in separate tables, allowing efficient management and data retrieval.
;	In a library entity-relationship data model, a book is an example of, and the book's title, edition, and publication date are examples of
	an entity, attributes
	O an attribute, entities
	on entity, properties
	O a row, columns
	Correct Correct! In an E-R model, an entity is a noun (person, place, or thing). An attribute is a property or characteristic of the entity.
4	• Which of the following statements about a database is/are correct?
	A database is a logically coherent data collection with some inherent meaning.
	O Data can only be added and queried from a database but not modified.
	Only SQL can be used to query data in a database.
	A database collects unrelated data stored in separate files.
	Correct! A database is a logically coherent collection of data with some inherent meaning.

5.	What is the key advantage of the relational model in databases?
	O Physical data independence
	O Data security
	O Unstructured data handling
	Logical and physical data independence
	Correct Correct! The relational model offers logical and physical data independence, allowing data to be accessed and modified without affecting the underlying database structure.