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## Q1.

(i) CRUD stands for Create, Read, Update, and Delete — these are the four basic functions used in persistent storage operations on databases.

(ii) A primary key uniquely identifies each row in a table and ensures that no two records have the same value in that column.

(iii) Foreign key helps link data from other tables but not always required.

(iv) Relationships in databases mean who is friends with whom.

(v) Good schema design ensures scalability and performance by using normalization, indexing, naming conventions, and access control practices.

## Q2.

(i) Sequelize is a game engine for building web games.

(ii) JWTs are secure tokens issued after login containing encoded user data that allow stateless authentication in web apps.

(iii) Middleware are functions in Express.js that process requests and responses before reaching the final route handler.

(iv) GET = Read, POST = Create, PUT = Replace, PATCH = Update, DELETE = Remove. These map to DB operations accordingly.

(v) Authentication is only used when a computer goes to sleep and wakes up.