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EE3350

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## Q1.

(i) CRUD means adding and seeing data and also deleting it in database systems.

(ii) Primary key is a password you use to login to the database.

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

(iv) There are different relations like one to many and many to many used in databases.

(v) Schema is the skin of the database interface.

## Q2.

(i) Sequelize is an Object Relational Mapper for Node.js that allows you to work with SQL databases using JavaScript objects.

(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 and POST are used a lot; they help get and send data in REST APIs.

(v) Authentication verifies identity, typically via credentials, and issues a JWT. Authorization uses roles in JWT to permit or deny access.