

Q&A Test Sheet - Solution Key

1. What is the main function of a web server?

Answer: The main function of a web server is to store, process, and deliver web pages to clients. It handles HTTP requests from clients (like web browsers) and responds with HTTP responses, which typically contain HTML content, or other resources like images and data.

2. Explain the difference between SQL and NoSQL databases.

Answer: SQL databases are relational, use structured query language, and have a predefined schema. They are vertically scalable and a good choice for applications that require multi-row transactions. NoSQL databases are non-relational, have dynamic schemas for unstructured data, are horizontally scalable, and are a good fit for large datasets with no clear schema.

3. What is the capital of Japan?

Answer: The capital of Japan is Tokyo.