1. What is Block chain?

A blockchain is a distributed database that is shared among the nodes of a computer network. As a database, a blockchain stores information electronically in digital format.

2. What is a bitcoin?

Bitcoin is a decentralized digital currency that can be transferred on the peer-to-peer bitcoin network.

3. What is the difference between a bitcoin and Block chain

Blockchain is the technology that enables the existence of cryptocurrency (among other things). Bitcoin is the name of the best-known cryptocurrency, the one for which blockchain technology was invented.

4. Describe the architecture of Block Chain.

A blockchain is designed as a decentralized network of millions of computers, commonly referred to as nodes. It's a distributed database architecture in which each node plays the role of a network administrator who voluntarily joins the network.

5. How does hashing play a roll in Block Chain?

Hashing helps in defining cryptographic signatures that help determine valid transactions. The hash of a transaction makes it easy to keep track of transactions on the blockchain.

6. How does Block Chain prevent fraud?

The enhanced security offered by blockchain stems from how the technology actually works: Blockchain creates an unalterable record of transactions with end-to-end encryption, which shuts out fraud and unauthorized activities.

7. Is Block Chain a centralized infrastructure?

Blockchains are a decentralization primitive. Maintaining this property for all users is a tooling problem.

8. Does Block Chain have a protocol? If yes, briefly explain it.

A Blockchain protocol operates on top of the Internet, on a P2P network of computers that all run the protocol and hold an identical copy of the ledger of transactions, enabling P2P value transactions without a middleman though machine consensus.

9. How does Block Chain use Cryptography?

Blockchains make use of two types of cryptographic algorithms, asymmetric-key algorithms, and hash functions. Hash functions are used to provide the functionality of a single view of blockchain to every participant. Blockchains generally use the SHA-256 hashing algorithm as their hash function.

10. Do you like the concept of Block Chain? Yes or No and why or why not.

Yes, an impenetrable system that shows if it was tampered with, that provides a huge security feature when it comes to privacy data and will help consumers know if their personal information is being tampered.