

What is blockchain? A distributed ledger technology that records transactions across multiple computers

What does decentralization mean in blockchain? No single entity controls the entire network

What is a block in blockchain? A container that stores transaction data with a timestamp and hash

What is a hash in blockchain? A unique cryptographic fingerprint of data

What is mining in blockchain? The process of validating transactions and adding new blocks to the chain

What is a cryptocurrency? A digital currency that uses cryptography for security

What is Bitcoin? The first decentralized cryptocurrency created in 2009

What is Ethereum? A blockchain platform that supports smart contracts

What is a smart contract? Self-executing code that runs on the blockchain

What is consensus in blockchain? Agreement among network nodes on the validity of transactions

What is Proof of Work? A consensus mechanism that requires computational work to validate blocks

What is Proof of Stake? A consensus mechanism based on holding cryptocurrency

What is a node in blockchain? A computer that maintains a copy of the blockchain

What is a private key? A secret code used to access and control cryptocurrency

What is a public key? An address that others can use to send you cryptocurrency

What is a wallet in blockchain? Software that stores private and public keys

What is a transaction fee? A small payment to miners for processing transactions

What is double spending? Spending the same cryptocurrency twice

What is immutability in blockchain? Once data is recorded it cannot be altered

What is transparency in blockchain? All transactions are visible to network participants