

🔍 **What is a blockchain?**

- A) A centralized database
- B) A digital ledger of transactions
- C) A network protocol
- D) A cryptocurrency mining tool

🔍 **Which of the following is a feature of blockchain technology?**

- A) Centralized control
- B) Immutability of data
- C) High transaction costs
- D) Single point of failure

🔍 **In a blockchain, each block contains a unique identifier known as:**

- A) URL
- B) Hash
- C) Domain Name
- D) IP Address

🔍 **What is the consensus mechanism used by Bitcoin?**

- A) Proof of Work (PoW)
- B) Proof of Stake (PoS)
- C) Delegated Proof of Stake (DPoS)
- D) Byzantine Fault Tolerance (BFT)

🔍 **What is the primary role of miners in a blockchain network?**

- A) To store transaction data
- B) To validate and add new blocks to the blockchain
- C) To hack the system
- D) To destroy old blocks