

CBSE Practice Test Questions and Answers

1. What is a 51% attack?

- A) An attack where 51% of the nodes go offline simultaneously
- B) An attempt to overwhelm a blockchain network with spam transactions
- C) A situation where a malicious actor controls over 50% of a network's computing power
- D) A hacking method to steal private keys from blockchain users

2. What is a 'sandwich attack' in DeFi trading?

- A) An attack that wraps malicious code around legitimate contract calls
- B) Front-running a victim's transaction and back-running it to profit from the price impact
- C) A double-spend attempt on AMM pools
- D) A Sybil attack on liquidity providers

3. What is the purpose of conducting smart contract audits?

- A) To enhance the user interface of blockchain applications
- B) To detect and fix vulnerabilities in the smart contract code
- C) To ensure compliance with blockchain development regulations
- D) To improve the performance of smart contracts

4. Why is risk assessment important in blockchain security?

- A) To optimize transaction speeds
- B) To identify potential vulnerabilities in blockchain systems
- C) To ensure interoperability between blockchain networks
- D) To comply with international blockchain standards

Answers: 1-C 2-B 3-B 4-B

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