

>>>Blockchain internal questions<<<

1. Define Blockchain, explain layers and structure of Blockchain.
2. Explain cryptography. Explain the types of cryptography.
3. Explain hash functions with code examples.
4. Explain merkle tree.
5. What is Bitcoin. With the neat diagram explain block structure of bitcoin blockchain.
6. Explain the following:
 - i. difficulty target
 - ii. Genesis block
 - iii. Bitcoin block
7. Explain bitcoin scripts.
8. With diagram explain merkle root a block header of SPV.
9. What is etherium and explain design philosophy of etherium.
10. Explain etherium blockchain.

BCT important questions For 2nd Internals

1. With a neat diagram explain how DApp interacts with a blockchain?
2. How to create keypairs for the sender and receiver?
3. Briefly explain Interacting Programmatically with Ethereum—Creating a Smart Contract?
4. Explain smart contract creation in Remix IDE?
5. Explain public Nodes vs. Self-hosted nodes for blockchain applications?
6. write a note on Ethereum account setup with geth?
7. Describe the first node of the Private Network?
8. Explain creating a smart contract in the Ethereum application?
9. Write note on deploying the smart contract?
10. Brief about client application.