

Blockchain:

Question 1: What is your understanding of Blockchain?

Ans: When you heard the word Blockchain you'll be like bitcoin, cryptography and so on you are a little bit right about that but Blockchain is different as the name suggests "Blockchain", it is a chain of blocks each block contains data and hash code of previous block as well as next block.

Also Blockchain is secure because of hashes. {Distributed database and cryptography}

Question 2: What is the core problem Blockchain trying to solve?

Ans: Security and authenticity can be solved using this technology.

Question 3: What are the few features which Blockchain will give you?

1. Unchangeable
2. Decentralized
3. Immutable
4. Enhance security
5. Peer to peer network

Question 4: What all things does a Block contain?

Ans: a) Data/information

b) Hash code

c) previous block hash code

d) mining key

Question 5: How is the verifiability of Blockchain has been attained?

Ans: Verifiability is a feature of Blockchain, let's see what is verifiability. So the verifiability is, suppose we have five blocks that contain data of a testing report, when we want to add a new block the new block's hash code will be generated using the previous block's hash code and the current block's data i.e.

(Previous Block hash code + Current Block Data= new hash code) so whenever we want to add new data we want previous hash code to generate new one also there's twist what if someone changes the data? When somebody changed the data the whole hash code will be changed thats why Blockchain is verifiable.