**Q 1. What is your understanding of Blockchain?**

When a block stores new data it is added to the blockchain. Blockchain technology is combination of distributed database and cryptography. It is trusted , fast ,secure and peer to peer. Blockchain is distributed ledger technology that allows data to be stored globally on thousands of server-while letting anyone on the network see everyone else’s entries in real time.

**Q 2. What is the core problem Blockchain is trying to solve?**

Blockchain addresses the problem of Data Security and Trust by making the ledger public. Hardware and Software errors are not the only data security issue. The blockchain has to also protect itself from willful fraud and theft. Two blockchain design features help in this effort.

**Q 3. What are the few features of Blockchain?**

* Cannot be Corrupted
* Decentralized Technology
* Immutable
* Verifiable
* Distrubured ledgers
* Tampar Proof

**Q 4. What are the things that a Block will contain?**

* Block Number
* Data or record
* Previous Block Hash
* Mining Key

**Q 5. How the verifiability of Blockchain is attained?**

Blockchain is chain of block which are linked one by one , every blocks contains it’s previous block hash value which is calculate by SHA-256 algorithm data that block contains so if anybody try to change data in the block then the hash value also changes so it’s easy to know when anybody try to change in block, so it’s impossible to tamper with data.