Question 1:

What is your understanding of Blockchain?

* Block chain is a mixture of distributed database and cryptography, which creates an immutable, secure ledger.

Distributed database systems provide decentralization whereas cryptography provides security in the form of hash algorithms.

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

* - Authentication  
  - Security  
  - verification  
  - Transparency  
  - Decentralization

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

* - Verification
* Tamper-proof
* Distributed database system
* Immutable
* Unchangeable
* Security

Question 4: What all things does a Block contain?

* - Block number
* Previous block hash
* Transaction result
* Mining key

Question 5:

How is the verifiability of Blockchain has been attained?

* Verifiability can be achieved with the help of distributed database systems. Where every user of the blockchain has a record of all the transactions taken till date. Since, all the users will have the same data and hashes in the process; they must all have the same hash at the end. This hash can be used to check if everyone has the correct chronological order of the data stored.