**Q1. What is your understanding of Blockchain?**

**Ans:-**

Blockchain is a type of technology  which is used to make your data more secure so it becomes immutable, unchangeable, verifiable. It uses a mix of techniques like distributed database systems and cryptography.

**Q2. What is the core problem, blockchain trying to solve?**

**Ans:-**

It is used to reduce data dependency on a single entity  or person due to which security of data increases also it makes the data unchangeable and it is recovered any time if lost.

**Q3. Few Features of Blockchain**

**Ans:-**

The features of blockchain are as follows

1. Verifiable

2. Unchangeable

3. Tamper proof

4. Immutable

5. Decentralized System

6. Mining

**Q4. What does a block contain?**

**Ans:-**

Every block in blockchain contain following elements

1.block number

2. Data:it contains the data that is to be stored

3. Key: this key contain data of previous block in encrypted from

**Q5. How can verifiability be achieved in a blockchain?**

**Ans:-**

If data in any block is changed so data in other blocks also changes due to which it triggers that data is changed because a copy  copy of data is shared with multiple users so it can be retrieved from other users.