**What is your understanding of blockchain?**

The growing popularity of cryptocurrencies has aroused mainstream interest in blockchain technologies and their possibilities. Increasingly, blockchain is used as a generic term that most people associate with Bitcoin, the cryptocurrency created using the technology. The potential and scope of the application of decentralized protocols have already become so much broader.

Blockchain technology tackles the problem of digital trust by securely recording important information in a public space. Data stored on the blockchain exists in a shared and continually reconciled state. Data is decentralized, can be encrypted, and timestamped. Data cannot be tampered with or changed retrospectively.

**What is the core problem blockchain is trying to solve?**

A)**AUTHENTICITY**:conforming to an original so as to reproduce essential features

B) **SECURITY**:the quality or state of being safe or else secure from danger or else measures taken to guard against espionage or sabotage, crime, attack, or escape.

C)**NEED OF POWERFUL FOR THIRD PARTY FOR TRUST**

**What are the few features Blockchain will give you?**

1. Cannot be Corrupted(IMMUTABLE)

2. Decentralized Technology

3. Enhanced Security

4. Distributed Ledgers:This is important because

a)No Malicious Changes

b)Ownership of Verification

c)No Extra Favors

d)Managership

e)Quick Response

5. Consensus

6. Faster Settlement

7.Tamper proof

8.Verifiable

**What all things does a block contain ?**

Each block contains a cryptographic hash of the previous block, a timestamp, and transaction data and a mining key.

**How is verifiability of blockchain is been attained?**

The external verifiability is attained through the redistribution of temper proof Blockchain ledger to the validated and authorized nodes of auditing group. The temper proof property of electoral data is achieved using an emerging Blockchain Technology.