**Q1) Blockchain ( Definition , Components , Transaction )**

a) Network ( Types ( Advantages , DisAdvantages ) )

b) Types of Wallet

c) Block and Structure of block ( Jaha Block Puchhe waha Structure bana dena and thoda-thoda Explain kar dena Block ke Element’s like Nonce , Hash , ETC…… )

d) Ledger ( Definition , Types )

e) Public Key & Private Key (2-4 Marks me Puchhte hai)

f) CryptoGraphy ( Definition & Types )

g) Consensus Mechanisms

h) DDOS & Digital Signature

i) CryptoCurrency / Digital Token ( Advantages & DisAdvantages )

**Q2) Blockchain ( Definition , Structure, How Transaction is Added ( Diagram) , Limitations )**

a) Smart Contract ( Definition and Advantages or Benefits )

b) Actor’s Of Bloackchain ( Diagram & Explain )

**Q3) Bitcoin ( Definiton )**

a) Double Spending

b) Mining & Miner ( Types of Mining bas dekh lena )

**Q4) Ethereum ( Definition , Applications , Advantages & DisAdvantages )**

a) Difference Between BTC & ETH

b) Ethereum Virtual Machine

c) Mist , Gas Fee , Transaction Fee , Truffle , Web3 , DAO or DApps

**Q5) Endorser Node , Orderer Node , Committer Node , Chaincode , Hyperledger and HyperLedger Fabri**c.