Block-Chain Question Bank

Questions:

Module :1 (10 Marks)

1-Explain permission blockchain in detail.

2-Explain decentralized and peer to peer blockchain system.

Or

Decentralized architecture in detail

3-Define a concept of blockchain.

4-Differentiate between decentralized and centralized system

5-Elaborate various types of Block chain.

6-Explain various component of Block chain system

Module 2 (15 Marks)

1-Explain various properties of cryptography hash Function

2-Write short note on:

1-Merkle Tree

2-Digital Signature

3-Public key cryptography

3-Elaborate use of hash function and digital signature of block chain

4-Expalin various cryptography techniques

Module 3 (20 Marks)

1-Explain process of creation of coins in bitcoins

2-Explain the concession mechanism in bitcoin (pow,pos).

Or

Elaborate various objective of Concession Mechanism of Bitcoin / mining process

4-Write short note on

1-Double Spending

2-Bitcoin Script into FORTH

Module:4 (10/15 Marks)

1-Explain distributed concession mechanism in detail

Or

Explain various faults in DC

2-Expalin the process of smart contracts

Module:5 (20 Marks)

1-Expalin the structure of Block and transaction in ethereum platform

2-Explain various features of hyper ledger and elaborate its transaction

3-Explain an architecture of Hyper Nature Fabric

4-Write short note on

1-Membership and Identity management in hyper-ledger

2-Gossip Protocols

Module:6 (10 Marks)

1-Application scope of Block chain in Gout

2-Explain an application of supply chain management in Block chain