**Question Bank (UNIT 4)**

1. **With a neat diagram explain how DApp interacts with a blockchain?**

2. Write a note on interacting with the Bitcoin Blockchain?

3. Brief about Setup and Initialize the bitcoins Library in a node.js Application?

4**. How to create keypairs for the sender and receiver?**

5. Explain bitcoin broadcast transactions to the network?

6. Briefly explain interacting programmatically with Ethereum -Sending transactions?

7**. Briefly explain Interacting Programmatically with Ethereum—Creating a Smart Contract?**

8. **Explain smart contract creation in Remix IDE?**

9. Explain Interacting Programmatically with Ethereum—Executing Smart Contract Functions?

**Question Bank (UNIT 5)**

1. **Explain public Nodes vs. Self-hosted nodes for blockchain applications?**

2. How to set up a private Ethereum Network?

3**. write a note on Ethereum account setup with geth?**

4. **Describe the first node of the Private Network?**

5. Describe the second node of the Private Network?

6. **Explain creating a smart contract in the Ethetreum application?**

7. **Write note on deploying the smart contract?**

8**. Brief about client application.**