Assignment

1. Explain transaction lifecycle in a bitcoin system  
2. Explain the different types of transactions  
3. Discuss Proof of Stake (POS) in detail with its mechanism, features, advantages and disadvantages.  
4. Describe Bitcoin Script in detail with its Operation Code and objective of its creation.  
5. Describe Mining Pool (Mempool) in detail.  
6. Illustrate how a bitcoin handles double-spending.  
7. What is Ethereum? Explain about Elements of the Ethereum block chain.  
8. Write short notes on Deterministic and Non-deterministic wallets  
9. Discuss the Ethereum virtual machine that works on a stack-based architecture.