1. Explain the Networking Ecosystem in detail with architecture.
2. Explain applications of Ethernet and define ethernet standards.
3. Explain applications of Wi-Fi.
4. Write down the difference between Wi-Fi and Ethernet.
5. Explain the characteristics of cloud computing.
6. Explain the benefits of Cloud Computing.
7. Explain the layers of the Internet of Things.
8. Explain Big Data in detail.
9. Difference between Software Defined Network and Traditional Network
10. Why Is Software-Defined Networking (SDN) Important?
11. Advantages of Software-Defined Networking (SDN)
12. Write down SDN Architecture
13. What are the characteristics of a software-defined networking or SDN system?
14. What is NFV and NFV vs SDN.
15. Explain OpenFlow architecture and list down OpenFlow components
16. What is Control Plane (CP) and Data Plane (DP) in SDN?
17. What are the central tasks of the Data Plane with the forwarding hardware?
18. What is data plane and what does it contain?
19. List down OpenFlow versions.
20. Explain OpenFlow components in detail.
21. What is Network Controller in SDN?
22. What are the central tasks of the Control Plane with its Network Controller?
23. What is the advantage of central intelligence over distributed intelligence in SDN?
24. How does control plane and data place communicate in SDN?
25. Explain Traffic Engineering with example.
26. How SDN works with Big Data and Cloud computing?
27. What is the work of Network services abstraction layer?
28. Explain Big Data in detail.
29. What is routing? Explain packet forwarding in detail. Explain Routing protocols in detail.
30. Explain CONGESTION CONTROL in detail with its techniques.
31. Explain modern networking elements in detail.