**Compute Networks:**

1. Define network
2. What do you mean by network topology, and explain types of them
3. Define bandwidth, node and link ?
4. Explain TCP model ..
5. Layers of OSI model
6. Significance of Data Link Layer
7. Define gateway, difference between gateway and router ..
8. What does ping command do ?
9. What is DNS, DNS forwarder, NIC, ?
10. What is MAC address ?
11. What is IP address, private IP address, public IP address, APIPA ?
12. Difference between IPv4 and IPv6
13. What is subnet ?
14. Firewalls
15. Different type of delays
16. 3 way handshaking
17. Server-side load balancer
18. RSA Algorithm
19. What is HTTP and HTTPS protocol ?
20. What is SMTP protocol ?
21. TCP and UDP protocol, prepare differences
22. What happens when you enter “google.com” (very very famous question)
23. Hub vs Switch
24. VPN, advantages and disadvantages of it
25. LAN