

Sample Topics for Networking Report Writing

Submission: 30/05/2020

Presentation date: When school resume

1. Computer networking
2. Mobile networking
3. Networking devices
4. 5G Technology.
5. Satellite as backbone to 5G.
6. Fiber optic as backbone to 5G.
7. Multicasting in IPV4 and IPV6.
8. Cellular network (1G, 2G, 3G).
9. Adhoc network.
10. MANET.
11. Wave division multiplexing passive optical network (WDM-PON).
12. Link budgeting optical network.
13. Link budgeting in cellular network.
14. Signal analysis (2G, 3G, 4G).
15. TCP/IP model.
16. Network security.
17. The internet and intranet.
18. GSM Technology (radio Access Network).
19. Aviation Tower control (the networking).
20. Broadcasting of TV.

21. Broadcasting of FM.
22. Global position system (GPS).
23. National Communication Authority (NCA).
24. Network Address Translation (NAT) and Private network (VPN, hybrid network, header compression).
25. Mobile network and mobile IP, GPRS.
26. Routing algorithm.
27. IPV6 addressing and IPV4 and IPV6 packet on network.
28. Modulation.
29. Encryption.
30. Antenna.
31. Image and video compression and transmission.
32. Internet of things.
33. Embedded systems, IOT and the need for 5G technology.
34. FTTIT/FTTO.
35. Your own topic