

Reg No:

BCA DEGREE EXAMINATION, JUNE 2023

First Semester

Computer Networks
(CBCS Y2K20 Scheme)
2021 Admission Onwards

Time: 3 Hours

Max Mark: 70

Part A (Short Essay Questions)

Answer any five questions
Weight **6** each

1. What are the different features of Frame Relay?
2. What is localhost?
3. What is a NIC(Network Interface Card)?
4. What can be done to fix signal attenuation problems?
5. How many layers are in OSI reference model?Explain.
6. Difference between a Domain and a Workgroup.
7. What is DHCP and how does it work?
8. What is the criteria to check the network reliability?

Part B (Essay Questions)

Answer any four questions
Weight **10** each

9. Name the various technologies involved in building WAN links?
10. What are the main elements of a protocol?
11. What is the difference between Hub, Switch, and Router?
12. What Is TCP Three-Way Handshake?
13. How can you secure a computer network?
14. What are 'client' and 'server' in a network?
15. Difference between a Firewall and Antivirus.