



**LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING
(AUTONOMOUS)**

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DEPARTMENT OF INFORMATION TECHNOLOGY

Computer Networks Lab Viva questions

1. What are different types of network cables?
2. What are different types of topologies?
3. What are different types of networks?
4. Differentiate between point to point and multi point communication.
5. Differentiate IP address, MAC address and Port address.
6. Define router.
7. Differentiate between switch and hub.
8. What are different types of connecting devices?
9. What are different layers in OSI model?
10. Differentiate between OSI and TCP/IP models.
11. What is bit stuffing?/ character stuffing?
12. What is CRC? and uses
13. Name the CRC standards.
14. Define checksum.
15. Define generator polynomial.
16. What is routing
17. What is best algorithm among all routing algorithms?
18. What is static routing?
19. Difference between static and dynamic
20. How distance vector routing works
21. What is optimality principle?
22. What is cipher text?
23. Define public key?
24. Define encryption? \
25. Define NS3 tool
26. Differentiate between TCP and UDP
27. What is Client server communication
28. Define congestion and techniques
29. Define Unix commands
30. Explain about Wire shark tool

Course- Instructor:

Head of the Department