

## LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (AUTONOMOUS)

L.B. REDDY NAGAR, MYLAVARAM – 521230. A.P. INDIA Affiliated to JNTUK Kakinada & Approved by AICTE, New Delhi Accredited By NAAC, Accredited By NBA Tier-I & Certified by ISO 9001:2015 http://www.lbrce.ac.in, Phone: 08659 – 222933, Fax: 08659 – 222931 Extn:109

## **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 routingalgorithms?
- 18. What is staticrouting?
- 19. Difference between static anddynamic
- 20. How distance vector routingworks
- 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