



SRI KRISHNA INSTITUTE OF TECHNOLOGY

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#57, Chimney Hills, Hesaraghatta Main Road, Chikkabanavara Post, Bengaluru- 560090

Department of Computer Science and Engineering

Subject Name: Computer Networks

Subject Code:BCS502

SEM : V

DIV : A & B

Faculty: Mrs. Sowmya C V

Module-3 Question Bank

SL no	Question	CO	Level	Marks
1	Explain IPV4 addressing	CO2	L2	6
2	Explain classfull addressing	CO2	L2	10
3	Explain classless addressing	CO2	L2	10
4	Explain DHCP protocol. Explain message format.	CO2	L2	10
5	Explain network address translation with neat diagram	CO2	L2	10
6	Explain IPV6 Packet format	CO2	L2	6
7	Explain distance vector routing Protocol	CO2	L2	10
8	Explain path vector routing protocol	CO2	L2	6
9	Explain RIP Protocol	CO2	L2	6
10	Explain Border Gateway protocol with neat diagram	CO2	L2	10
11	List and demonstrate five different LSPs of OSPF routing protocol	CO2	L2	10
12	Analyze the combination of eBGP and iBGP session in the internet.	CO2	L2	10
13	Write a program to find the shortest path between vertices using Bellman-ford algorithm.	CO2	L2	10

Module-4 Question Bank

SL#	Question	CO	Level	Marks
1	List the services of Transport Layer. Explain any four	CO3	L2	10
2	Explain TCP connection and termination with neat diagram	CO3	L2	10
3	Explain Go back N Protocol with neat diagram	CO3	L2	10
4	Explain Selective repeat Protocol with neat diagram	CO3	L2	10
5	Explain services and applications of UDP	CO3	L2	10
6	Explain services of TCP	CO2	L2	10
7	Explain the features of TCP	CO2	L2	10
8	Describe User datagram packet format and services provided by UDP	CO3	L2	10
9	Analyze the two congestion polices of TCP with flow diagram.	CO3	L2	10
10	Explain the TCP segment format with neat diagram and define the control fields.	CO3	L2	10



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Module-5 Question Bank

SL#	Question	CO	Level	Marks
1	Explain standard and nonstandard application layer protocols	CO3	L2	6
2	Explain how connection happens in File transfer protocol	CO2	L2	6
3	Differentiate client server paradigm and peer to peer paradigm	CO3	L2	6
4	Explain HTTP protocol with message formats.	CO3	L2	10
5	With flow diagram explain iterative communication using UDP.	CO3	L2	10
6	Explain the components of SSH with neat diagram.	CO3	L2	10
7	With flow diagram explain iterative communication using TCP.	CO3	L2	10
8	Write a note on Domain Name System (DNS).	CO3	L2	10
9	Compare and contrast client/server with peer-to-peer data transfer over networks?	CO3	L2	10
10	Describe in detail about the World Wide Web (WWW)?	CO3	L2	10
11	Describe in detail about the TELNET protocol?	CO3	L2	10
12	Explain in detail about Electronic mail with architectural diagram.	CO3	L2	10

Faculty Signature