

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
COMPUTER NETWORKS (23CS502)

UNIT-III

S.No	PART-A(Short Questions)		BT	CO	PO
1	What is the responsibilities of network layer		L1	CO3	PO1
2	What are the metrics used by routing protocols		L1	CO3	PO1
3	Explain Logical Addressing.		L1	CO3	PO1
4	How congestion avoidance is different from congestion control.		L2	CO3	PO2
5	List out the characteristics of QoS?		L1	CO3	PO1
6	Explain the types of congestion control Algorithms		L1	CO3	PO1
7	Explain sub-netting		L1	CO3	PO2
8	Explain IP addressing method.		L1	CO3	PO1
9	Explain Flooding		L1	CO3	PO1
10	What is internet working		L1	CO3	PO1
Part-B(Long Questions)					
11	a)	Explain design issues of Network Layer	L1	CO3	PO1, PO2
	b)	Explain Routing in Network Layer	L1	CO3	
12	a)	Explain different types of routing algorithms.	L1	CO3	PO1, PO2, PO3
	b)	Explain the three differences between Connection Oriented and Connectionless service	L3	CO3	
13	a)	Explain store and forward packets witching.	L1	CO3	PO1, PO2, PO3
	b)	Define congestion .Write congestion control algorithms.	L1	CO3	
14	a)	Explain about hierarchical routing algorithms.	L1	CO3	PO1, PO2, PO4
	b)	Difference between Broadcasting and Multicasting	L3	CO3	