Q.P. Code: 588502

(3 Hours)

[Total Marks: 80

N.B. :	 (2) Solve any Three out of remaining questions. (3) Assume suitable data wherever required. (4) Answers to the questions should be grouped and written together. 	16
\ /	Draw sublayer of data link layer. Explain the role of each layer. Differentiate the host to host delivery provided by data link layer and network layer.	5 5
(c)	What is socket address? Explain with example. Comment on socket programming.	5
(d)	Compare between circuit switching and packet switching.	5
	List the role of application layer and explain one application layer protocol. Classify unicast routing protocol. Explain exterior routing protocol in brief.	10 10
(b)	Compare between Ethernet LAN and IEEE 80231 WLAN. What is DSL and HFC? Describe in brief. What is peer to peer communication? Describe decentralized peer to peer sharing.	5 5 10
	What are the performance parameters of network? Explain in brief. Classify multiple access techniques. Explain CSMA/CA technique with backoff algorithm.	5 5
(c)	Describe in details the physical transmission media for computer communication networks	10
5. (a) (b)	What are the demerits of Distance Vector algorithm? How it is overcome? What is tunneling Explain Automatic Tunneling and configuration tunneling in detail.	10 10
6. V	Vrite short notes on (any Two):	20
	(a) Networking Devices	
	Congestion Control	
, 1	S(c) IPv6	
PL		