N.	В.:	(1) Question No. 1 is are compulsory.	
		(2) Attempt any three questions out of remaining questions.	
	0)	(3) Total 4 questions need to be solved.	
1	(0)	Compare circuit switched and packet switched networks.	5
1.	(a)	- 프로젝트	5
	(b)	Waht is a network? What are its goals and applications?	5
	(c)	Differentiate between TCP and UDP.	
	(d)	Explain framing in Data link Layer.	5
2.	(a)	What is OSI modes? Give the function and services of each layer.	10
	(b)	Explain HDLC protocol along with its different frame structure.	10
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3.	(a)	Explain CSMA/CD protocol.	10
	(b)	Describe about the different Guided transmission Medias.	10
4.	(a)	Explain the following with example :-	10
		(i) Repeater (iv) Swithces	
		(ii) Hubs (v) Router.	
		(iii) Bridges	
	(b)	What is Ip addressiing? Explain InV, datagram format?	10
5.	(a)	What is Congestion and what are the causes of congestion? Explain Token	10
		bucket algorithm of Congestion Control?	
	(b)	Explain TCP segment header format.	10
6.	Exp	plain any four :-	20
		(a) Compare LAN, WAN, MAN.	
		(b) Network Popologies.	
		(c) PSTN.	
		(d) Berkely sockets.	
		(e) Sliding window protocol.	