**QP Code: 5133** 

		(3 Hours) [ Total Marks:	80
	N.	<ul> <li>B.: (1) Question No. 1 is compulsory.</li> <li>(2) Attempt any three questions from remaining five questions.</li> <li>(3) All questions carry equal marks.</li> </ul>	
1,	(a)	List the Networking components and map all networking components with OSI layer.	5
	(b)	What are the components in ATM? Explain it in brief.	5
		What do you mean by multiple access? Compare between CSMA/CD & CSMA/CA.	5
	(d)	What do you mean by decentralized peer to peer file sharing? How it is different from centralized system?	5
2.	(a)	<ul> <li>(i) Which feild gives no. of hops count</li> <li>(ii) What is the minimum and maximum length of HLEN</li> <li>(iii) What are the differenciate services explain TOS bits.</li> <li>(iv) Which feilds are releated to fragmentation process.</li> <li>(v) How to calculate total length. Give the functional difference between IPV4 &amp; IPV6.</li> </ul>	5
	(b)	THE RESERVE OF THE PERSON OF T	15
3.	(a)	Explain the classful addresses of IPV4 with net-id and host-id.	10
		기도 위한 프로그램 그 등을 통고 지난 10 이번 위에 열면 열면 일반 일반이 일반을 기계하고 있습니다. 그런 "가게 하면 함께 여자 전에 되었다면 하는 것이다. Hand Hand Hand Hand	10
4.	(a)	Classify routing protocol? Explain in brief the concept of link state and distance vector algorithms with examples.	10
	(b)		10
5.	(a)	Explain in brief DSL and HFC.	0
			0
6.	(a)	What do you mean by flow control compare flow control techniques.	0
			0

5.

6.