Code No: MC1632/R16

Answer Any **FIVE** *Questions*
All Questions Carry Equal Marks

1.	a	Explain about coaxial cable and fiber optics media for communication.	6M
	b	A block of 32 bits has to be transmitted. Discuss how the thirty two bit block is transmitted to the receiver using Longitudinal Redundancy Check with an example.	6M
2.	a	Explain the following Persistence Methods	6M
		i. 1-persistant	
		ii. Non-persistant	
		iii. p-persistant	
	b	With an example explain the Distance vector routing.	6M
3.	a	Explain about Inter-network Routing.	6M
	b	Discuss about the cell formats of ATM Networks.	6M
4.	a	Explain about Transport Service Primitives.	6M
	b	What is TCP Connection Release? What are the Different states in TCP Connection? Explain.	6M
5.	a	Discuss how Simple Mail Transfer Protocol (SMTP) works? Can multimedia messages be transmitted using SMTP?	6M
	b	What are the two categories of encryption/decryption methods? What is the main difference between these categories?	6M
6.	a	With an example explain Sliding Window protocol.	6M
	b	What is the significance of Broadcast routing? Explain	6M
7.	a	Briefly define key requirements for wireless LANs.	6M
	b	Discuss about Firewalls.	6M
8.		Write short notes on	12M
		a) Choke packets b) MIME	

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