CS-501 (NEW)

	0)	Differentiate between bridges and reporters.
6.	a)	Compare the various network topologies.
	b)	Discuss the features and types of modem. Unit - IV
7.	a)	Explain the different types of Guided media with example.
	b)	Draw a schematic diagram for fiber optic
		communication system clearly showing transmitter
	arks	receiver and signal repeaters. Explain the function of each component in detail. What are the reasons by which fiber degrades the signal.
8.	a)	Explain the components used in Telephone Network.
		b) Disease about the various modes of transmi
	b)	What do you mean by wave attenuation and absorption?
	c)	Discuss the characteristics of Transmission line. Unit - V
9. satsi yoni	a) Inequi-	Sixteen bit messages are transmitted using Hamming code. How many cheek bits are needed to ensure that the receives can detect and correct single bit errors. Show the bit pattern transmitted for the
		message1010110011001011.
	b)	Explain error detection and correction methods briefly.
10.	Exp	lain the following:-
	a)	Hamming distance www.rgpvonline.in
	b)	Convolution code noise in a noise
	c)	Interleaved codes
	d)	Block parity
		briefly.
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