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Q3	a)	Exp	lain	in (leta	ail .	Ana	alog	g to	di	gita	al c	onv	ver	sion	S	che	me.			,	2	3).		[7]
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Q4	a) E	Expla	in C	SI	refe	erei	ıce	mo	odel	l of	f T(CP/	IP :	in	deta	il									[5]
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	c)	Wha	t are	dif	fer	ent	со	nne	ecti	ng	dev	vice	s?	Ex	plai	n i	n b	rief	eac	ch					[4]
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Q5	a) What is block Coding and explain in brief	[4]
	b) Discuss the concept of redundancy in error detection and correction.	[4]
	c) What is CRC? Generate the CRC code for message 1101010101. Given generate $g(x) = 10101$	enerator [5]
	OR	
Q6	a) Explain stop and wait ARQ, Go Back-N ARQ and Selective repea Comment on the performance of each.	t ARQ. [8]
	b) What is hamming distance? Explain with example. Explain simple parit code.	y check [5]
Q 7	a) Explain CSMA/CD and CSMA/CA protocols used in LAN's	[6]
	b) Explain various stations types and configurations used in HDLC.	[6]
	OR	
Q8	a) Explain CDMA, FDMA and TDMA.	[4]
	b) Describe different controlled access protocol mentioned below:	[4]
	i. Reservation ii. Polling	0-
	c) Differentiate between Pure Aloha and Slotted Aloha.	[4]
	c) Differentiate between Pure Aloha and Slotted Aloha.	