2	Question Unit-1	Chapter
	Outs communication and characteristics. Components of data communication.	Introduction Introduction
4	topology and explain any one (mesh, star, bus, ring) BFC mater by levels	Introduction Introduction
5	SSC regularement levels Terres: LAN	Introduction
	LAN WAN	
6	NONA Simplex Bibli duplex Gull-duplex	Introduction
	Eul-kaplex Internet standard Craft	
	Draft BFC	
1	Explain OSI model.	Network Models
3	Explain any one layer of TCP/IP Model. Discuss following TCP/IP layers:	Network Models Network Models
,	II) Transport	Network Models
1	Explain in short parameters of sine wave What is a difference between period and frequency? Example to calculate period or frequency (E.g. Express a period of 100 ms in microseconds.)	Introduction to Physical Layer
2	ms in microseconds.) Sandwidth. Problems of bandwidth calculation. (E.g. 3.50 to 3.12 in PDF)	Introduction to Physical Layer Introduction to Physical Layer
4	A digital signal has 55 levels. How many bits are needed per level?	Introduction to Physical Layer Introduction to Physical Layer
6 7	Water and type or orders. When and type or orders. A compensate composite region was been absoluted at 200 kile, with a middle frequency of 100 kile and pass analytical or 20 V. A compensate composite region is been an amendment of 200 kile, with a middle frequency denoted the signal. (Sorbar bits of example) The loss in a called in smallly difficult or decides per bilinomies in \$80, with a "order of the beginning of a called with ~0.2 disher has power of 200 kile. The proper of 200 kile in the power of the gright at 2 Lamb, (Sorbar bits of example).	Introduction to Physical Layer Introduction to Physical Layer
	The two extreme frequencies have an amplitude of 0. Draw the frequency domain of the signal. (Similar kind of examples) The loss in a cable is usually defined in decibels per kilometer (dil/km). If the signal at the beginning of a cable with =0.2 dil/km	
8	has a power of 3 mW, what is the power of the signal at 3 km? (Similar kind of examples) Terms:	Introduction to Physical Layer
7	Assets de la compressión ajaula Assets de grade de la compressión ajaula La compressión de la compressión del compressión de la compressión de la compressión de la compressión del compressión	Introduction to Physical Layer
	Queing Time	
- 1	Line coding and its characteristics.	Digital Transmission Digital Transmission
3	Line coding and in characteristics. What is a reliaborably between data rate and signal rate and example on it (Example 4.1 in PDF) and representation and problem on it (Example 4.2 in PDF)	Digital Transmission
5	Afference between Pales and Velegalan NEZ. Kleann Marchester and differential marchester scheme. Legiant 40-59445. Legiant 40-59445.	Digital Transmission Digital Transmission Digital Transmission
6 7	Optian 40-PAMS Clicoss Bipolar Schemes	Digital Transmission Digital Transmission
8	Elecun Bipolar Schemes Elfreunt transmission modes of binary data. Terms:	Digital Transmission Digital Transmission
7	Dennes. Comment of the Comment of th	Digital Transmission
	EZ PCM	
1	Eleary aplitude shift laying and example on it (E.g. 5.3 from PDS). We have an available bandwidth of 100 MSE which spain from 250 to 250 MSE. What are the carrier frequency and the bit rate if we modified not date by using SK with of ± 12 (Smiths Hand of examples).	Analog Transmission
2	we modulated our data by training ASK with d+ 17 (Smillar kind of examples) Blazer SSV, And assemble on it if it is 5 from most	Analog Transmission Analog Transmission
4	Blaary PK. And example on it (Eg. 5.5 from RDF) QPS. And example on it (Eg. 5.1 from PDF) Espisin in short the types of analog to analog modulation.	Analog Transmission Analog Transmission Analog Transmission
	Explain in short the types of analog to analog modulation. Terms: ASK	Acting transmission
	ASK PSK	
6	526 9295 92956 AM BM	Analog Transmission
	EM	
	PM	
2	FDM and problem on it (F.g. problem on page no. 9 (guard band) in PDF) What is TDM	Bandwidth Utilization: Multiplexis Bandwidth Utilization: Multiplexis
3	Offerent techniques of data rate management.	Bandwidth Utilization: Multiplexis
	Multiplexing	
	Channel IDM	Bandwidth Utilization: Multiplexis
•	Guard band	sandwarn Utilization: Multiplexit
	Permit Managa Sanaga	
2	Stexas Teisted pair calle (structure, performance, applications). Stexas Cassid calabi (structure, performance, applications). Stexas Classid calabi (structure, performance, applications). Stexas Fiber optic cale i (data structure, performance, applications, advantages, disadvantages).	Transmission Media Transmission Media
4	Discuss Fiber optic cable (Idea, structure, performance, applications, advantages, disadvantages) Unguided medium. The different ways unguided signals can travel from source to destination.	Transmission Media Transmission Media
	Explain Radio Waves Terms:	Transmission Media
	Ternet translision medium singulade medium singulade medium gulade medium Rudes wors Macrosiones	
6	guided medium Radio varves	Transmission Media
	Microwaves Infrared Waves	
1	Explain Circuit writched Network.	Switching
3	Explain Datagram network Setup phase of VCI.	Switching Switching
	Terms: Circuit switched Network	
4	Datagram network Virtual Circuit Network	Switching
	VCI Unit-2	
1 2	Note on Pure ALCHIA. Cifferent types of persistence methods	Media Access Control Media Access Control
3	Explain reservation	Media Access Control
5	Explain poling Explain Token passing Notice on TOMA	Media Access Control Media Access Control Media Access Control
7	Note on TDMA	Media Access Control
9	What is controlled access protocol? Explain the different techniques used in controlled access protocol of MAC. Clagrammutically explain the working of pure ALCHA protocol. Terms:	Media Access Control Media Access Control
	Terms: CSMA/CD	
10	senter. SECONO CONTRACTOR SECO	
		Marks Arress Control
	BS Contention window	Media Access Control
	TOMA	Media Access Control
	IDMA TDMA CDMA	
1 2	ISDMA ISDMA CIDMA MAE address and types of MAE addresses. Lor	Media Access Control Media Access Control Introduction to Data-Link Layer Introduction to Data-Link Layer
1 2 3	Eduk. (200A. (200A. (200 Advances and hyper of MAC addresses. (302 (302 (302 (302 (302 (302 (302 (302	
1 2 3	Eduk. (200A. (200A. (200 Advances and hyper of MAC addresses. (302 (302 (302 (302 (302 (302 (302 (302	
3	Table Out after an and tagen at MAC addresses. Out and the control of the contr	Introduction to Cuta-Link Layer Introduction to Cuta-Link Layer Introduction to Cuta-Link Layer Introduction to Cuta-Link Layer
4	Table Out after an and tagen at MAC addresses. Out and the control of the contr	Introduction to Data Link Layer Introduction to Data Link Layer Introduction to Data Link Layer Introduction to Data-Link Layer Introduction to Data-Link Layer Data Link Control (DLC)
3	DAMA DAMA DAMA DAMA DAMA DAMA DAMA DAMA	Introduction to Cuta-Link Layer Introduction to Cuta-Link Layer Introduction to Cuta-Link Layer Introduction to Cuta-Link Layer
4	Control Contro	Introduction to Data Link Layer Introduction to Data Link Layer Introduction to Data Link Layer Introduction to Data-Link Layer Introduction to Data-Link Layer Data Link Control (DLC)
2 3 4	The Control of the Co	Introduction to Carlo Life Liquid to the Liquid Liquid to the Carlo Liquid Liqu
4	The Control of the Co	Interaction to Crain Link Layer Introduction to Crain Link Link Interaction to Crain Link Link Interaction to Crain Link Link Interaction to Crain Link Link Crain Link Coaled (CCC)
2 3 4	The Control of the Co	Introduction to Carlo Life Liquid to the Liquid Liquid to the Carlo Liquid Liqu
2 3 4	County of the Co	Introduction to Glob Link Layer Herindectors to Glob Link Layer See to Glob Comment (ECC) Comment (ECC
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2 3 4 4 5 6 6	County of the County of the American County of the County	stretchellers in Main 1941 course intendednets intendednets intendednets intendednets in Main 1941 course intendednets inten
2 3 4 4 5 6 6	Control of	Introduction to Child Link Land Link
2 3 4 4 5 6 6	Could be considered white deliverees. Out of all the considered white deliverees. Fig. 20 and the considered white deliverees. See 2 and 1 an	Considering to the 1994 law investment to
2 3 4 4 5 6 6	Could be considered white deliverees. Out of all the considered white deliverees. Fig. 20 and the considered white deliverees. See 2 and 1 an	Introduction to Code 1981 (see Interest to Code 1981) and Interest to Code 1981 (see Interest to Code
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