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	. 0	Paper / Subject Code: 78903 / Computer Networks / 38	6.3	
31	L CO	(30		
n)			00	
1)		(2 ½ Hours) [Total Marks: 75]		
N.B.	1\ Δ1	I questions are compulsory.	ė.	
14.0.	,			
	, ,	gures to the right indicate marks.		
		ustrations, in-depth answers and diagrams will be appreciated.		
	4) Mi	ixing of sub-questions is not allowed.		
			300	
Q. 1	Δth	empt the following	6	
(a)		at the second 10 cm.		
()	(i)	The process-to-process delivery of the entire message is the	(5)	
	17	responsibility of the layer.	197	
		A) Transport B) Application C) Physical D) Network		
	(ii)	is the division of a datagram into smaller units to		
	• /	accommodate the MTU of a data link protocol.		
		A) Breakup B) Fragmentation C) Decomposition D) Fusion		
	(iii)	signals can have only a limited number of values.		
		A) Digital B) Analog C) both A & B D) None of		
		these		
	(iv)	is a dynamic mapping method that finds a physical address,		
		given a logical address.		
		A) ARP B) RARP C) TCP D) UDP		
	(v)	In transmission, bits are transmitted simultaneously, each		
		across its own wire.		
		A) Asynchronous serial B) Synchronous serial		
		C) Parallel D) (a) and (b)		
/T \	T-11			
(b)	F1H;	in the blanks with help of the options given in the pool below:	(5)	
	(Pna	ise, coaxial, metric, TCP, Multiplexing, twisted pair, UDP, wavelength)	. ,	
	(i)	is the set of techniques that allows the simultaneous		
	(44)	transmission of multiple signals across a single data link.		
	(ii)	describes the position of the waveform relative to time 0.		
- 68°	(iii)	cable consists of two insulated copper wires twisted together.		
53.4	(iv)	A is the cost assigned for passage of a packet through a network.		
	(v)	network.		
	(,)	provides process-to-process, full-duplex, and connection-oriented service.		
(c)	Ansv	Answer the following in one or two lines:		
	(i)	Define Latency.	5)	
	(ii)	What is Throughput?		
	(iii)	Express the IP address 01110101 10010101 00011101 00000010 in dotted		
		decimal notation.		
	(iv)	State the different types of noise.		
	(v)	Define Propagation Time.		

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