Registration No:																
Tot	al Nu	mber of Pages	s: 02												B.Tech	า
	210		5 th Sc Comp	uter	Netv BRA	vork NCH Time Max	and : AEI e: 3 I Mark	Data E, El Hours s: 10	Com E, IE s 00	mun				210	PEI5H002	210
	Ans	wer Question The	No.1 figure		2 wh	ich a	are c	210 =	ulsor	-	210			n the	rest.	210
Q1	a)	layer present is TCP/IP model.										(2 x 10)				
	b) 210 c)	headers are For error detection			-	скет г	nove	210	i the	iower	210	e upp	er lay	ers, 210		210
	d)	address data-link layer.	sing is	used	d in n	etwor	k lay	er an	d	a	ddres	sing	is use	d in		
	e) f)	IPv4 uses number of bit for addressing and IPv6 uses number of bit for addressing. Switch is layer device and hub is layer device. There are two types of routing such as based on different types														
	210 g) h)	of domain. For class B a	addres	ss, th	nere	are										210
	i)	Ring topology reliability.								-						
	j) 210	Network layer from top to bot		e ua	210	VIII		layer	anu	sena	210	ιο _	lč	ayer 210		210
Q2	a) b) c) d)	Answer the fo What are the v What is DHCP What do you m What is CRC?	arious ? Why	topo DHC	logy (CP is	used i used	in net in net	worki worki	ng? ng?	pe					(2 x 10)	
	g) h) i)	What is subnet What advantag Define data rat What is the diff Why HTTP pro What is DNS?	ges do te and ferenc	es fib bauc e bet	er op I rate? ween	tics h ? LAN	ave c			nedia	210 ?			210		210
Q3	²¹⁰ a) b)	What is OSI m		•			•	of OS	SI mo	del?	210			210	(10) (5)	210
Q4	a)	What is the difference between error detection and error correction? Explain various methods of error detection.									olain	(10)				
	b)	What is circuit					th suit	table	diagra	am?					(5)	

Q5 a)	protocol provide flow control?								
Q6 a) b)	Expain various types of transmission media? What is ethernet? How fast ethernet is different from Gigabyte ethernet?								
Q7 a) b)	Differentiate between IF What is the need of ICM		210	210	210	(10) (5)	210		
Q8 a) b)	What is routing? Explain the working of OSPF with suitable example? What is the use of ARP and RARP?								
Q9 ²¹⁰ a) i) ii) iii) iv)	Short note: answer a SMTP FTP Digital signature TCP Congestion control		210	210	210	(10)	210		
b)	Explain client server mo	del with suitable	diagram for inte	rnet. 210	210	(5)	210		
210	210	210	210	210	210		210		
210	210	210	210	210	210		210		
210	210	210	210	210	210		210		