Exam Seat No:____

C.U.SHAH UNIVERSITY Summer Examination-2017

Subject Code: 4TE07NGN1			Branch: B.Tech (IT)	Branch: B.Tech (IT)		
Semester:	7 Date:	27/03/2017	Time: 02:30 To 05:30	Marks: 70		
(2) Ins(3) Dr	e of Programmabl structions written o	on main answer bo and figures (if neo	y other electronic instrument is p ook are strictly to be obeyed. cessary) at right places.	prohibited.		
	List key elemen What is the ma Define Socket. What is subnet What is ICMP Define port for Describe NAT. What is range of What is the imp What is SMTP What is SMTP What is RIP? Define I_Netd. What protocols List application	in job of the ARP mask? FTP, HTTPS. of Class C in IP? portance of impler? fall under the TC layer protocols. rom Q-2 to Q-8		(14) m?		
Q-2 a) b)	Addressing. Explain Header	lressing Schema.		04		
c) Q-3 a) b) c)	Attempt all qu Explain OSPF Explain BGP w	lestions with Suitable examination with Suitable examination of the second structure of the second s	*	04 06 04 04		
Q-4 a) b) c)	Attempt all qu Explain in deta Explain Point t	lestions il DVMRP and M o Point WAN.		06 04		
Q-5 a)	Attempt all qu	iestions	with suitable diagram. Also exp			



		in detail.				
	b)	b) Explain State Transition diagram for Transport layer.				
	c)	Write a Short Note on FTP.	04			
Q-6		Attempt all questions				
	a)	Explain Syslog Procedure with suitable diagram.	06			
	b)	Explain different system call used at server side sockets. Also explain fork () system call.	04			
	c)	Discuss checksum calculation at sender side. Also give suitable example for the same.	04			
Q-7		Attempt all questions				
	a)	Define daemon process and describe how to create daemon process.	06			
	b)	Explain in detail UDP package.	04			
	c)	Explain Concurrent and Iterative Server using socket.	04			
Q-8		Attempt all questions				
-	a)	Explain Transition from IPv4 to Ipv6.	06			
	b)	Explain Client Server Model with suitable diagram.	04			
	c)	Explain ICMPv6 Error reporting.	04			

