	Enrollment No:					
			C. U. SHAH	UNIVERSITY		
	Summer Examination-2022					
	Subject	Name:	Next Generation Network	s		
	Subject Code: 4TE08NGN1			Branch: B.Tech (CE)		
	Semeste	er: 8	Date: 05/05/2022	Time: 11:00 To 02:00	Marks: 70	
	(2) (3)	Use of I Instructi Draw ne	•	any other electronic instrument is probook are strictly to be obeyed. necessary) at right places.	ohibited.	
Q-1	a) b) c) d) e) f) j) k) n	Define What i Which Define What i Define What i List the Write o What i What i	pt the following questions: Flow Control. Is the use of DHCP? Is Exterior Routing? In are the applications of UDP In the term address transformates daemon Process? In the term Byte Ordering. In DNS? In the term Byte Ordering. In the term of Protocol. In the term of Proto	Switch.	(01) (01) (01) (01) (01) (01) (01) (01)	
Atte	empt any	y four qu	estions from Q-2 to Q-8			
Q-2	a) b)	What i	pt all questions s a Daemon? Explain Syslog s about State Transition diag	g Procedure with suitable diagram. gram for Transport layer.	(07) (07)	

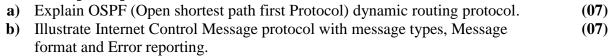
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Q-3 Attempt all questions

a) Write a note on ARP and RARP. (07)

b) Illustrate IP Addressing using Classful and Classless Addresses. **(07)**

Q-4 **Attempt all questions**





Attempt all questions		
Describe Transition from IPv4 to Ipv6.	(07)	
Briefly describe DVMRP and MBONE	(07)	
Attempt all questions		
Explain TCP Socket? List down the advantage of using socket interface.	(07)	
Compare Intra domain and Inter Domain routings protocols.	(07)	
Attempt all questions		
Discuss about UDP Client Server Procedure with suitable diagram.	(07)	
Describe LAN, Point-to-Point WAN, Switched WAN.	(07)	
Attempt all questions		
What is Subnet? Subnet the Class C IP Address 205.11.2.0 so that you have 30	(07)	
•		
Write a short note on "BOOTP".	(07)	
	Describe Transition from IPv4 to Ipv6. Briefly describe DVMRP and MBONE Attempt all questions Explain TCP Socket? List down the advantage of using socket interface. Compare Intra domain and Inter Domain routings protocols. Attempt all questions Discuss about UDP Client Server Procedure with suitable diagram. Describe LAN, Point-to-Point WAN, Switched WAN. Attempt all questions What is Subnet? Subnet the Class C IP Address 205.11.2.0 so that you have 30 subnets. What is the subnet mask for the maximum number of hosts? How many hosts can each subnet have? What is the IP address of host 3 on subnet 2?	

