	DR. BABASAHEB AMB	EDKAR TECHNOLOGI	CAL UNIVERSITY,	LONERE		
	Supplementary Examination – Summer 2022					
	Course: B. Tech. Branch: CSE Semester :VI		ster :VI			
	Subject Code & Name: Computer Network BTCOC602					
	Max Marks: 60	Date:	Duration: 3 Hr	· .		
	which the question is 3. Use of non-programs	•	n front of the question. s is allowed.			
				(Level/CO)	Marks	
Q. 1	Solve Any Two of the follo	wing.		CO1	12	
A)	Explain the design issues related to TCP/IP reference model. Also, write the dissimilarities between TCP/IP reference model and ISO OSI reference model.			2/CO1	6	
B)	With the help of layered arcibetween two peer computers		nunication process	2/CO1	6	
C)	Differentiate between Conne	ection Oriented & Connecti	on-less Services	4/CO1	6	
Q.2	Solve Any Two of the follo	wing.		CO2	12	
A)	How is congestion control h	andled in Frame relay? Exp	plain with suitable	3/CO2	6	
D)	diagram	CDID (1)	V 05	2/002		
B)	Explain different levels of o	<u>-</u>		2/CO2	6	
C)	Explain 1-persistant CSMA/ to transmit without hearing a channel?			2/CO2	6	
Q. 3	Solve Any Two of the follo	wing.		CO2/CO3	12	
A)	With the help of an example and indicate the preferred or a. Starting and ending charab. Starting and ending flags	ne giving reasons.		2/CO2	6	
B)	What is piggybacking? Whe	n is it used? What problem	it introduces? How	3/CO3	6	
C)	A bit stream 1101011011 is The generator polynomial is transmitted	transmitted using the stand		3/CO3	6	

Q.4	Solve Any Two of the following.		12	
A)	What is socket? Explain various socket primitives used in client server interaction		6	
B)	What is FTP? Where and when it is used? Why does not require 2 ports? Explain at least 5 user commands used in FTP?	2/CO4	6	
C)	Differentiate between distance vector routing and link state routing	4/CO4	6	
Q. 5	Solve Any Two of the following.	CO5	12	
A)	What do you mean by digital signature? define the following terms: a. Symmetric and Asymmetric key encryption b. Public Key C.Non- repudiation d. Integrity	2/CO5	6	
B)	What is cryptography? Explain the working principle of public key cryptography with suitable example	2/CO5	6	
C)	What is authentication? How authentication mechanism works? Mention the names authentication methods.	2/CO5	6	
	*** End ***			

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