Second Sessional Examination, Odd Semester (AS: 2023-24) School of Engineering

	COS	Mechanism? Explain each of them.	3
7	200	What do you undonted by Control	2
نار در ال	CO3	What are the functions and design issues of Application Layer?	b)
O.	C01	Compare Packet Switching, Message Switching and Circuit Switching with proper diagram.	a)
	Objective	Q.N.3. Attempt any two parts of the following:	0.7
Marks	Course	SECTION 'C'	
6	C04	Sketch the IPv4 header neatly and explain the function of each field. List major differences between IP V_4 and IP V_6 .	d)
6	C02	Describe Carrier Sense Multiple Access with Collision Detection with Flow Diagram.	c
6	C06	Compare and Contrast Pure ALOHA and Slotted ALOHA with proper flow diagram.	b)
6	CO3	Compare the OSI Model and TCP/IP Model and also discuss the advantages and disadvantages of each.	a)
	Objective	Q.N.2. Attempt any two parts of the following:	0.5
Marks		SECTION 'B'	
-	C06	Write the features of FTP.	<u>h</u>)
-	C06	Define HTTP.	9
-	CO5	Define Remote Procedure Call.	Ð
_ -	CO3	What are the responsibilities of Transport Layer?	e)
	C06	Define FDMA.	d)
_ -	COI	What do you mean by Cyclic Redundancy Check?	c)
- -	COI	Define Full Duplex Transmission Mode.	b)
	COI	What are the different Transmission Media?	a)
Sylvaria	ive	wing:	O.Z
	Course	SECTION 'A'	
		Instructions if any: Read the question Carefully.	Insti
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: 資源	3hrs		Cou
	May Marks, Co	erworks	Con
er er	Semesta	Tech: CSE, CCML, AI Year: III	B. T
-	023-24)	Second Sessional Examination, Odd Semester (AS: 2023-24)	

c	b)	a)	Ò	с)	b)	<u>a</u>)	0	c)	b)	a)
the following: (i) Class of the IP (ii) Subnet Mask (iv) Number of Usable Host (v) Broadcast ID	with Flow Diagram. If an organization has an In Call Scott Control of the Contro	Describe UDP Header Format.	Q.N.6. Attempt any two parts of the following:		0	Explain TCP Header Format.	Q.N.5. Attempt any two parts of the following:	on using Three		Find the CRC for the data 1010101010 with the days
C06	C02	CO4	-	CO2			5	Si Si	(A)	
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COs Table 1: Mapping between COs and questions (Number of COs may vary from course to course) Total

C06 Q1d),	_		CO3 Q1e		_	COs Quest
Q1d), g), h), Q2b), Q6c)	Q1f), Q3c), Q4b), c)	(2d), Q5a), Q6a)	Q1e), Q2a), Q3b)	Q2c), Q5b), c), Q6b)	Q1a), b), c), Q3a), Q4a)	Questions Numbers
14	16	16	12	21	13	Marks