

10EC/TE841

## USN

## Eighth Semester B.E. Degree Examination, July/August 2022 Multimedia Communication

Time: 3 hrs. Max. Marks:100

Note: Answer any FIVE full questions, selecting atleast TWO questions from each part.

		PART – A	
1	a.	•	(10 Marks)
	b.	Explain different communication modes and media types.	(10 Marks)
2	a.	Explain different types of text formats used in multimedia communication.	(08 Marks)
	b.	Derive the time to transmit the following digitized images at 64kbps and 1.5 Mbps	networks
		i) $640 \times 480 \times 8$ VGA compatible image	
			(06 Marks)
	c.		(06 Marks)
			(000)
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3	a.		(14 Marks)
	b.	Explain the procedure of Huffman ad Arithmetic coding methods.	(06 Marks)
4	a.	Explain LPC encoder and decoder with diagram.	(10 Marks)
	b.		(10 Marks)
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		PART – B	
5	0	With diagram explain transparent bridge architecture with its example.	(10 Marks)
3	a. b.		(10 Marks) (10 Marks)
	υ.	Explain CSWA/CD WAC inclided used in IEEE002.5 inclided in detail.	(10 Maiks)
6	- 10 4		(10 Marks)
	b	Explain the operation of AP ad RARP.	(10 Marks)
7	a.	With diagram explain ATM protocol architecture.	(10 Marks)
,	b.		(10 Marks)
	٠.	Describe Communication defendation income in	(10 1/141115)
8	a.		(10 Marks)
	b.	Explain TCP/IP protocol mechanism.	(10 Marks)

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