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	Question Paper Code: 11073
	M.E./M.Tech. DEGREE EXAMINATIONS, APRIL/MAY 2023.
	Elective
	Communication Systems
	MU 4091 - MULTIMEDIA COMPRESSION TECHNIQUES
(Co	Common to : M.E. Communication and Networking/M.E. Digital Signal Processing/M.E. Electronics and Communication Engineering/M.E. Multimedia Technology)
	(Regulations – 2021)
Tin	me : Three hours Maximum : 100 marks
	THOUSAND,
	PART A — $(10 \times 2 = 20 \text{ marks})$
2.	Define Multimedia and state the types of media present. State the needs of compression and types of compression standards. State the need for variable length coding for text data.
4.	Define the term _Loss _less compression for text data. List drawbacks of lossy compression standards for text media.
5.	List the advantages of wavelet based compression methods.
6.	State the possible uses of SPIHT coders.
7.	List present day Audio stream Standards.
8.	Define the term sub-band coding and its possible uses.
9.	State the need for Digitalization of Video Signals and its advantages.
10.	List the present day trends in compression standards.

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