

[M19IT1111]

**I M. Tech I Semester (R19) Regular Examinations
IMAGING AND MULTIMEDIA SYSTEMS
(Information Technology)
MODEL QUESTION PAPER**

TIME: 3 Hrs.

Max. Marks: 75 M

Answer **ONE Question** from **EACH UNIT**

All questions carry equal marks

			CO	KL	M
		UNIT - I			
1.	a).	Apply the image Processing techniques for storing handling the images	1	3	10
	b).	Write abt 2 colr models of any	1	2	5
		OR			
2.	a).	Define multimedia & varis Multimedia Elements Discuss abt	1	2	10
	b).	Design a Multimedia application for online assignment	1	4	5
		UNIT - II			
3.	a).	Discuss abt JPEG File Format	1	2	9
	b).	How can we apply Redundancy reduction scheme for image compression	1	3	6
		OR			
4.	a).	Differentiate Rich Text Format & TIFF File Format	2	3	9
	b).	Discuss abt Audio Compression techniques	2	2	6
		UNIT - III	2	2	8
5.	a).	Discuss abt Thresholding & convolution in 2D image processing	2	3	7
	b).	Differentiate Steganography & Cryptography			
		OR			
6.	a).	Discuss abt Chaos based and Non -Chaos based cryptography methods.	2	2	10
	b).	How can we apply Noise Reduction techniques in Image	2	3	5
		UNIT - IV			
7.	a).	Discuss abt Multimedia I/O Technologies	2	2	10
	b).	How Animation is implemented for real time applications	2	3	5
		OR			
8.	a).	How the video is recorded by digital camera	3	3	10
	b).	How Digital Voice is recorded	3	3	5
		UNIT - V			
9.	a).	Differentiate varis Multimedia Systems	3	3	10
	b).	Draw the Components of Multimedia Systems & functionalities	2	2	5
		OR			
10.	a).	-Multimedia Authoring Systems – Multimedia Authoring Tools -User Interface	3	2	8
	b).	Discuss abt Hypermedia Message Components &Hypermedia Linking	3	2	7

CO: Crse tcome

KL: Knowledge Level

M: Marks