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PACE INSTITUTE OF TECHNOLOGY & SCIENCES::ONGOLE
(AUTONOMOUS)
IV B.TECH I SEMESTER END SUPPLEMENTARY EXAMINATIONS, MARCH-2023
MULTIMEDIA AND APPLICATION DEVELOPMENT
(IT Branch)

Time: 3 hours   Max. Marks: 60

Note: Question Paper consists of Two parts (Part-A and Part-B)

PART-A

Answer **all** the questions in Part-A (**5X2=10M**)

Q.No.		Questions	Marks	CO	KL
1.	a)	Define Multimedia?	[2M]	1	1
	b)	Explain Types of Multimedia files	[2M]	2	2
	c)	Explain Motion Compression	[2M]	3	2
	d)	Explain digital Sound?	[2M]	4	2
	e)	Explain MPEG4	[2M]	5	2

PART-B

Answer One Question from each UNIT (5X10=50M)

Q.No.		Questions	Marks	CO	KL
		UNIT-I			
2.	a)	List and explain Color in image and video?	[5M]	1	2
	b)	What is the WWW (World Wide Web)?	[5M]	1	1
		OR			
3.	a)	Write an Overview of multimedia software tools.	[5M]	1	1
	b)	Explain About File Formats?	[5M]	1	2
		UNIT-II			
4.	a)	Explain Fundamental concepts in video and digital audio?	[5M]	2	2
	b)	What is a digitization of sound? Explain	[5M]	2	1
		OR			
5.	a)	Explain Types of video signals?	[5M]	2	2
	b)	Explain Digital Video?	[5M]	2	2
		UNIT-III			
6.	a)	What is Datatypes? Explain Datatypes and Type Checking	[5M]	3	1
	b)	Discuss the Authoring an ActionScript 2.0 Subclass.	[5M]	3	4
		OR			
7.	a)	Explain quantization and transmission of audio?	[5M]	3	2
	b)	Explain Transform Coding?	[5M]	3	2
		UNIT-IV			
8.	a)	Explain the Run-Length Coding.	[5M]	4	2
	b)	How to Arithmetic Coding? Explain?	[5M]	4	1
		OR			
9.	a)	MPEG Audio Compression Algorithm	[5M]	4	1

	b)	Briefly discuss about Video compression techniques?	[5M]	4	6
		UNIT-V			
10.	a)	Explain the differences between Video compressions, Audio Compression Techniques?	[5M]	5	2
	b)	**Write** in detail about Multimedia over IP?	[5M]	5	1
		OR			
11.	a)	Explain MOD	[5M]	5	2
	b)	Explain Multimedia Data Transmission	[5M]	5	2

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