

HALL TICKET NUMBER

--	--	--	--	--	--	--	--	--	--

PACE INSTITUTE OF TECHNOLOGY & SCIENCES::ONGOLE
(AUTONOMOUS)

IV B.TECH I SEMESTER END REGULAR EXAMINATIONS, NOV-2022
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-AAnswer **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-BAnswer **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	2
	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	2

	b)	Briefly discuss about Video compression techniques?	[5M]	4	4
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	2
OR					
11.	a)	Explain MOD	[5M]	5	2
	b)	Explain Multimedia Data Transmission	[5M]	5	2
