II B. Tech I Semester Supplementary Examinations, July - 2023
MULTIMEDIA APPLICATION & DEVELOPMENT
(CSD)

Time: 3 hours   Max. Marks: 70

Answer any **FIVE** Questions, each Question from each unit
All Questions carry **Equal** Marks
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UNIT-I

1	a)	Explain various popular Graphics/Image File Formats.	[7M]
	b)	Explain in detail about color models in images.	[7M]

OR

2	a)	Define and explain the terms Multimedia, Hypermedia and WWW.	[7M]
	b)	Explain in detail about Color models in video.	[7M]

UNIT-II

3	a)	Explain the terms analog video and digital video.	[7M]
	b)	Define the terms Digital Audio & MIDI. List the differences between Digital Audio & MIDI.	[7M]

OR

4	a)	Explain about Huffman Coding and Adaptive Coding in detail.	[7M]
	b)	Explain about SPIHT Lossless compression algorithm.	[7M]

UNIT-III

5	a)	Explain about ADPCM in Speech Coding Audio Compression Technique.	[7M]
	b)	Explain the terms XML, RSS and JSON.	[7M]

OR

6	a)	Explain VOCODERS and G.726 ADPCM Audio Compression Techniques.	[7M]
	b)	Explain the terms Mardhups, Atom and VoIP	[7M]

UNIT-IV

7	a)	Define Flex 3. Explain all its components.	[7M]
	b)	Explain how to create Visual Effects in Flex 3.	[7M]

OR

8	a)	Write the role of Flash in Flex Applications. Explain about the Flex Framework Life Cycle.	[7M]
	b)	Explain about Flex Class Hierarchy.	[7M]

UNIT-V

9	a)	Define AJAX. Compare and Contrast Traditional Web Application and Ajax Application.	[7M]
	b)	Explain Ajax example using XML Http Request object.	[7M]

OR

10	a)	Define AJAX. Compare Rich Internet Application with Ajax Application.	[7M]
	b)	Explain about Dojo Toolkit.	[7M]

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