Code No: **R4205B**   **R10** | **Set No. 1** |

IV B.Tech II Semester Supplementary Examinations, April - 2018
MULTIMEDIA AND APPLICATION DEVELOPMENT
(Common to Computer Science and Engineering & Information Technology)

Time: 3 hours   **Max. Marks: 75**

Answer any FIVE Questions
All Questions carry equal marks
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1	a)	Explain about different file formats.	[7]
	b)	Write about	
		i) RGB cube	
		ii) CMY cube	[8]
2	a)	What is Sound? Explain about Digitization of sound.	[7]
	b)	What are all the various types of video signals? Discuss briefly.	[8]
3	a)	Explain Class Attributes of AS 2.0.	[8]
	b)	Write about static checking. Illustrate with an example.	[7]
4		Discuss in detail about the usage of Interface in AS2.0.	[15]
5	a)	Describe about MovieClip Subclasses. Illustrate wit an example.	[8]
	b)	Write detail note on OOP application Frame work.	[7]
6	a)	Compare dictionary based coding with lossless image compression.	[7]
	b)	What are the two types of wavelet transforms? Explain briefly.	[8]
7		Discuss about	
		a) MELP (multiband excitation linear predictive)	
		b) MPEG-7 DDL (description definition language) components	[15]
8	a)	Explain about Multimedia network communications and also discuss about its applications.	[8]
	b)	Explain about on media-on-demand (MOD).	[7]