Total No. of printed pages = 6

## RETEST EXAMINATION - 2019

Semester: 4th (Old)

Subject Code: CO-405

## ELEMENTS OF MULTIMEDIA

Full Marks -70

Time - Three hours

The figures in the margin indicate full marks for the questions.

## Instructions:

- 1. Questions on PART-A are compulsory.
- 2. Answer any five questions from PART-B.

PART - A

Marks - 25

1.	Fill	in the blanks:	1×10=10			
	(a)	Integration of text, graphics, tion is called	sound, anima-			
	(b)	Threshhold of hearing is	Hz.			

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13/CO-405/E of M(O) (2)	(d) A vector image has to store the mathematical formulas that make up the image, which take up less space.			<ul><li>(b) Compression can reduce the size of a file.</li><li>(c) wav format is developed by IBM and Microsoft is an image file format.</li></ul>				(j) MP3 is an file extension file extension	(i) PAL stands for	(h) Four bits can represent colours.	(g) The full form of TIFF is	(f) JPEG is used to compress	(e) RGB model is used in	(d) The full form of PCM is		
13/CO-405/F of M(O)	(iii) kilobel (iv) megabel	(i) bel (ii) decibel	(b) Sound pressure is measured in	(iii) Bell (iv) None of these	(i) Acoustics (ii) Kiosks	(a) are kept at public places to provide information and help.	Choose the correct answer: $1 \times 5 = 5$	sible.	(i) I peelese image compression is quark-	(i) The aspect ratio of PAL is 4:3.	(h) HPEG is used to compress video.	(g) CLUI (Colour Look Up Table) is often called a Colour Palette.	Mo		(e) Scanner is an input device for creating	

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- 8. (a) What do you mean by Lossy and Lossless compression technique?
  - (b) Write down the basic principle of digital still camera.
- 9. (a) Define aspect ratio. What is the aspect ratio of HDTV?
  - (b) Write brief notes on Composite video and Component video.
- 10. Write brief notes on:

3×3=9

- (a) NTSC
- (b) PAL
- (c) SECAM
- 11. Write application of multimedia in any two fields. Write briefly about ADC/DAC. 4+5=9
- 12. What is MIDI? What are its advantages and disadvantages over digital audio? 3+3+3=9

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(6) 300(W)