Total No. of printed pages = 6

END SEMESTER/RETEST EXAMINATION-2019

Semester: 3rd (New)

Subject Code: CO-302

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)		is image editing software.	
	(b)	Sound	pressure level is measured	in
				[Turn over

18/CO-302/EoM(N) (2)	(d) A Raster image has to store the mathematical formulas that make-up the image, which take up less space.	(c) An amplifier is used to increase the amplitude of a signal.	(a) wav format is an image file format.(b) Compression can reduce the size of a file.	2. Write true or false: $1\times10=10$	orm of CRT is	PAL broadcast standard contains lines	(h) Three bits can represent colours.	(g) The full form of JPEG is	(e) CMYK model is used in (f) GIF is a compression technique.	(d) MP 3 is an file extension.	(c) The pigment that may be defined as the absence of colour is
18/CO-302/EoM(N) (3) [Turn over	(i) 20Hz (ii) 20KHz (iii) 10Hz (iv) 10KHz	of hearing	(i) Acoustics (ii) Kiosks (iii) Bell (iv) None of these	(a)are kept at public places to provide information and help.	CENTRAL MS INTO 3. Choose the correct answer: 1×5=5	(j) Lossy image compression is exactly reversible.	(i) The aspect ratio of HDTV is 4:3.	(h) MPEG is used to compress video.	(g) CLUT (Colour Look Up Table) is often called a Colour Palette.	(f) Mono-chrome image contains many colours.	(e) Digital camera is an input device for creating multimedia project.

2.



- 11 What do you mean by psychoacoustics? Write briefly about ADC and 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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