Con. 3188-11.

## (REVISED COURSE)

RK-4656

		( 3 Hours) [ Total Marks : 1	00
N.B. :		<ul> <li>(1) Question No. 1 is compulsory.</li> <li>(2) Attempt any four questions out of remaining six questions.</li> <li>(3) Assume suitable data if necessary.</li> </ul>	
1.	(a) (b)	Compare and contrast TIFF file format and RIFF file format.  You are appointed as a consultant to set up a Multimedia Laboratory in an engineering institute. Give specifications of components, configuration, connectivity, software etc. along with the assumptions.	10 10
2.	(a)	Describe the CCITT group 3 standard. How does CCITT group 4 differ from CCITT	10
	(b)	group 3 ? Explain JPEG compression in detail.	10
3.	(a) (b) (c)	Explain chroma sub-sampling. What is HDTV standard? Explain different motion vector search techniques.	5 5 10
4.	(a) (b)	3 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	10 10
5.	(a) (b)	있으면 이 10mm (10mm) 이 10mm (10mm) (10m	10 10
6.	(a)	multimedia is distance learning. You are appointed as a consultant to design the system for such an application. Specify the hardware and software requirements	10
	(b)	for the same if this application is to be used in distributed environment.  Explain working of image scanner and hence explain reasons for use of CCD by these scanners.	10
7.	Writ	e short notes on (any two) :—  (a) Human factors and design considerations related to virtual reality  (b) Audio Compression  (c) Multimedia authoring.	20