Day:	Friday		Time:	02.30 PM TO 05.30 PM
Date:	31/05/2019	**S-2019-2752**	Max Marks : 60	

N.B. :
1) All questions are **COMPULSORY.**
2) Figures to the right indicate **FULL** marks.
3) Use of non-programmable calculator is **ALLOWED.**
4) Assume suitable data, if necessary.

Q.1 Explain different types of Media. How do you integrate the different types of media in multimedia system? **(10)**

OR

Q.1 With the help of neat diagram, explain how a color picture is represented in a computer? **(10)**

Q.2 Mention and discuss the different parameters used to evaluate the performance of compression algorithms. **(10)**

OR

Q.2 State and explain various properties of Huffman coding. Distinguish between Arithmetic coding and Huffman coding. **(10)**

Q.3 Describe the various multimedia Audio files formats with their applications. **(10)**

OR

Q.3 Briefly discuss about Video compression techniques. **(10)**

Q.4 Define types of Image compression techniques and explain any two image compression techniques in detail. **(10)**

OR

Q.4 What is the need of Image/Graphics standards? Explain different MPEG standards and also give their frame structure. **(10)**

Q.5 Discuss the Optical media storage technology with example. **(10)**

OR

Q.5 Elaborate Traditional file system with example, what are its limitations? **(10)**

Q.6 Illustrate key features of Multimedia application in various fields. **(10)**

OR

Q.6 Write short note on: **(10)**

   i) Video-on-demand
   ii) Digital libraries

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