

B.Tech. SEM -VI Info. Tech. 2014 Course (CBCS) : SUMMER - 2019
SUBJECT: 1) ELECTIVE – II MULTIMEDIA TECHNIQUES

Day: Friday
Date: 31/05/2019

Time: 02.30 PM TO 05.30 PM
Max Marks : 60

S-2019-2752

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

* * * * *