

B.TECH SEM – VII (2007 COURSE) (COMPUTER ENGG.) :

WINTER - 2017

SUBJECT : ELECTIVE – I: MULTIMEDIA TECHNIQUES

Day : **Monday**
Date : **22/01/2018**

Time : **02.30 PM TO 05.30 PM**
Max. Marks : **80**

W-2017-2567

N.B.:

- 1) **Q.No.1 and Q.No.5 are COMPULSORY.** Out of the remaining questions attempt **ANY TWO** questions from each section.
- 2) Answers to both the sections should be written in the **SEPARATE** answer books.
- 3) Draw neat and labeled diagrams **WHEREVER** necessary.
- 4) Figures to the right indicate **FULL** marks.
- 5) Assume suitable data if necessary.

SECTION – I

- Q.1** a) Explain multimedia and internet in detail. [05]
b) Draw High End Multimedia Architecture. [05]
c) Explain VOC4WAV file format. [04]
- Q.2** a) Explain various goals and objectives of multimedia. [07]
b) Explain in detail multimedia building blocks. [06]
- Q.3** a) Write short notes on: [06]
i) TIEF ii) BMP
b) Explain multimedia development and authoring tools. [07]
- Q.4** a) Draw and explain Architecture of Speech Sound Processor. [07]
b) Explain in detail sound recovery techniques. [06]

SECTION – II

- Q.5** a) What is video streaming? Explain in detail. [05]
b) Explain VLML in detail. [05]
c) Write short notes on : CDROM and DVD. [04]
- Q.6** a) What are the video recovery techniques? Explain in detail. [07]
b) What is color module? Explain in detail. [06]
- Q.7** a) What is use of Heat mounted tracking system? Explain with example. [07]
b) Explain different types of VR devices. [06]
- Q.8** a) Write difference between magnetic devices and optical devices. [07]
b) Explain different types of scanners and its specifications. [06]

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