

B.E. (Cmpn & I.T.) sem 8 (Rev.)
Multimedia Systems

10/12/07

Con. 5411-07.

(REVISED COURSE)

(3 Hours)

CD- 6562

[Total Marks : 100

N. B. : (1) Attempt any **five** questions.

(2) Assume **suitable** data if **required**.

1. (a) Explain different multimedia elements which can be used in college website. 10
(b) Compare Lossy and Lossless compression. 10
2. (a) Explain different multimedia application classes and suggest application of multimedia repositories. 10
(b) What are different Data and File formats for multimedia systems ? 10
3. (a) Explain Dedicated and Time line-Based Authoring System. 10
(b) Explain RTP, RTCP, RSVP, RTSP and IP multicast. 10
4. (a) Explain shared workspace and execution environment. How it can be used for e-learning ? 10
(b) What are different types of workflows suggest application of Mail enabled work ? 10
5. (a) Explain JPEG compression in detail. 10
(b) Explain Video Display Technology standards. 10
6. (a) Explain **Level 0** through **Level 05** of RAID functionality. 10
(b) Explain Virtual Reality Design considerations. 10
7. Write short notes on (any **two**) :— 20
 - (a) Multimedia Databases
 - (b) Video conferencing : Design Issues
 - (c) Multimedia Applications.