

Code: 9F00505b

MCA V Semester Regular & Supplementary Examinations December 2015

MULTIMEDIA & RICH INTERNET APPLICATIONS

(For 2010, 2011, 2012 and 2013 admitted batches only)

Time: 3 hours

Max. Marks: 60

Answer any FIVE questions
All questions carry equal marks

- 1 (a) What is multimedia? How the multimedia communication can be done over internet?
(b) Explain digitization principles in multimedia.

- 2 Explain the following:
(a) Huffman coding compression method.
(b) Motion compensated prediction.
(c) Audio compression.

- 3 (a) Describe audio/video conferencing.
(b) Write notes on receiver heterogeneity.

- 4 (a) Write about multi talk with example.
(b) Explain multimedia applications on the world wide web.

- 5 (a) Explain about web 2.0.
(b) Describe XML, RSS, Atom, JSON and VOIP.

- 6 (a) What are rich internet applications? Explain their role in detail.
(b) Discuss the use of adobe flash and flex for mobile development.

- 7 (a) Explain the flex platform features in detail.
(b) Discuss steps to create a simple user interface in flex 2.

- 8 How can you create a full scale Ajax enabled application? Discuss with an example.
