

Code: 9F00505b

MCA V Semester Regular & Supplementary Examinations January 2014

MULTIMEDIA & RICH INTERNET APPLICATIONS

(For 2009, 2010 & 2011 admitted batches only)

Time: 3 hours

Max. Marks: 60

Answer any FIVE questions
All questions carry equal marks

- 1 (a) What is multimedia? Explain the role of various components of multimedia like text, image, audio and video in multimedia applications.
(b) Discuss various applications of multimedia for healthcare and education sector.
- 2 (a) Discuss various algorithms for video compression.
(b) With help of suitable diagram explain JPEG compression method.
- 3 (a) List different applications of multimedia in computer networks.
(b) Explain how audio/video streaming works in www.
- 4 (a) Discuss how multimedia rich internet applications are changing the way people interact on www.
(b) Explain how information is shared on www.
- 5 (a) What is web 2.0? Discuss web 2.0 applications.
(b) Discuss blogging and social networking with respect to web 2.0.
- 6 (a) What are rich internet applications? Explain the 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 (a) Compare traditional web applications with AJAX applications. Give suitable examples.
(b) How to create AJAX enabled application? Discuss steps.
