

Code: 9F00505b

MCA - V Semester Regular & Supplementary Examinations, October/November 2012

**MULTIMEDIA AND RICH INTERNET APPLICATIONS**

(For students admitted in 2009 & 2010 only)

Time: 3 hours

Max Marks: 60

Answer any FIVE questions  
All questions carry equal marks

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- 1 (a) Describe the three categories of multimedia applications.  
(b) Mention the features of three types of text used to produce pages of documents.
- 2 (a) With the aid of a schematic diagram, explain the operation of a basic DPCM signal encoder and decoder.  
(b) Give the different video resolutions of the three MPEG standards.
- 3 (a) Describe audio/video conferencing.  
(b) Write notes on receiver heterogeneity.
- 4 (a) Explain multicast file transfer in detail.  
(b) Discuss in detail multicast web page sharing.
- 5 (a) What are content networks? Describe.  
(b) Give a note on Web 2.0 monetization and business models.
- 6 Explain the following:
  - (a) Creating special effects with flash.
  - (b) Creating a website splash screen.
- 7 (a) Write an application in Adobe Flex 2 to access XML data.  
(b) Explain how to customize your user interface in Adobe Flex 2.
- 8 (a) Write the history of Ajax.  
(b) Describe the creation of a full scale Ajax enabled application.

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