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LRB

Code No: 09A80504

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

B. Tech IV Year II Semester Examinations, May - 2013

Multimedia and Rich Internet Application

(Computer Science and Engineering)

Time: 3 Hours

Max. Marks: 75

Answer any Five Questions
All Questions Carry Equal Marks

- 1.a) Explain Fundamental concepts in Text and Image with Examples.
- b) Explain graphics and image data representation and also their data types. [7+8]
- 2.a) What is WWW? Explain overview of multimedia software tools.
- b) Explain colour models in images and videos. [8+7]
- 3.a) Explain different types of video signals.
- b) Explain Compression methods for Text, Image and Audio. [7+8]
- 4.a) Explain Huffman coding.
- b) What is MIDI and Explain? [8+7]
- 5.a) Explain Video compression techniques with one example.
- b) Explain MPEG Audio compression techniques with a case study example. [7+8]
- 6.a) What is web 2.0? Explain the applications of Web 2.0.
- b) Explain about Rich Internet Applications. [8+7]
- 7.a) Explain briefly about Rich Internet Applications (RIAs) with Adobe Flash.
- b) Explain Visual Effects and Multimedia in RIAs. [7+8]
- 8.a) What is Ajax? Why is it important for building rich internet application?
- b) Explain Traditional Web Applications vs Ajax Applications. [7+8]

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