Code: 06MC502

MCA V Semester Supplementary Examinations, July 2013
MULTIMEDIA APPLICATION DEVELOPMENT

Time: 3 hours   Max Marks: 60

Answer any FIVE questions
All questions carry equal marks

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1   Briefly explain the following file formats:
   (a) GIF.
   (b) JPEG.

2   (a) Explain in detail about digital video signals.
     (b) Write about MIDI system messages.

3   (a) What is type checking? Give suitable examples in action script.
     (b) Define class. Explain the different components of class body.

4   Define exception. Differentiate it with compile time errors and also give one
         example.

5   (a) Write the seven key elements in MPEG-21.
     (b) Write about phase insensitivity of Vocodes.

6   (a) Explain SPHIT in detail.
     (b) Explain in detail about variable length coding.

7   Explain about the following:
     (a) MPEG-2 scalabilities.
     (b) CELP.
     (c) Video compression.

8   (a) Write short notes on quality of multimedia data transmission.
     (b) Explain the layers of OSI reference model.

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