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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
M.Tech II Semester Examinations, October/November 2011
MULTIMEDIA AND APPLICATION DEVELOPMENT
(SOFTWARE ENGINEERING)

Time: 3hours   Max. Marks: 60

Answer any five questions
All questions carry equal marks
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1. a. Give an overview of multimedia software tools.
   b. Explain the procedure to transform from RGB to CMY model.   [12]

2. a. Explain the quantization and transmission of audio.
   b. Explain the types of video signals.   [12]

3. a. Write about static checking. Give examples
   b. Consider the following ACTION SCRIPT 1.0 code
      var a = 5 ;
      a = " JNTU Hyderabad" ;Comment on above program.   [12]

4. Explain the process of handling uncaught exceptions.   [12]

5. Explain the OOP Application Framework.   [12]

6. a. Explain about LZW algorithm.
   b. Briefly explain Arithmetic coding encoder and decoder.   [12]

7. Explain video compression based on motion compensation.   [12]

8. Write short notes on
   a) Media-on-demand (MOD).
   b) Quality of multimedia transmission.   [12]

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