Code : R7410507

R07

IV B.Tech I Semester (R07) Supplementary Examinations, May 2012
MULTIMEDIA & APPLICATION DEVELOPMENT
(Common to Computer Science & Engineering, Information Technology
and Computer Science & Systems Engineering only)

Time: 3 hours   Max Marks: 80

Answer any FIVE questions
All questions carry equal marks
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1. (a) Write about multimedia authoring tools.
    (b) What is a palette? How to device a color palette? Explain.

2. (a) Discuss the advantages of digital representation for video.
    (b) Give a note on HDTV.
    (c) What is meant by synthetic sound?

3. (a) Explain the key object-oriented programming concepts.
    (b) Make a comparison of global variables and class properties.
    (c) List the general steps to use an action script 2.0 class in a flash movie.

4. (a) Explain instance methods overriding with example.
    (b) Discuss the exception handling cycle with an example.

5.   Explain in detail component event handling techniques with examples.

6. (a) What are the advantages of adaptive Huffman coding compared to the original Huffman coding algorithm?
    (b) Explain in detail discrete wavelet transform.

7. (a) Describe video compression based on motion compensation.
    (b) Write note on vocoders.

8. (a) Discuss IP – Multicast.
    (b) Explain buffer management for media – on – demand.

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