

IV B.Tech I Semester(R05) Supplementary Examinations, May/June 2010

MULTIMEDIA AND APPLICATION DEVELOPMENT

(Common to Computer Science & Engineering, Information Technology and Computer Science & Systems Engineering)

Time: 3 hours

Max Marks: 80

Answer any FIVE Questions
All Questions carry equal marks

1. (a) Explain RGB color model for CRT display.
(b) Explain CMY color model. [8+8]
2. Write about PCM signal encoding and decoding. [16]
3. (a) Write and explain constructor for ImageViewer Class for Image.
(b) Write and explain constructor for ImageViewer Class for Movie. [8+8]
4. Explain all the uses of the keyword "super" in AS. [16]
5. (a) Discuss about the Composition Based Avatar Class with an example?
(b) Explain about the Basic Directory Structure. [8+8]
6. (a) Explain in detail about variable length coding
(b) Write a short notes on lloyd-max quantizes. [12+4]
7. Write short notes on:
(a) Sequential search
(b) Discuss the advantage of using an algebraic codebook in CELP coding? [8+8]
8. (a) Write short notes on H.323 protocol?
(b) Write short notes on key issues techniques and protocols of multimedia over IP? [8+8]
