

M.C.A. DEGREE II SEMESTER EXAMINATION APRIL 2013

CAS 2205 MULTIMEDIA SYSTEM DESIGN
(Regular and Supplementary)

Time: 3 Hours

Maximum Marks: 50

PART A
(Answer *ALL* questions)

(15 × 2 = 30)

- I. (a) Define the term multimedia.
(b) Explain the role of CD-ROM in multimedia.
(c) Explain the concept of virtual reality.
- II. (a) What is SCSI?
(b) What is the role of OCR software?
(c) Discuss the features of a good 3-D modelling tool.
- III. (a) Explain the features of ASCII character set.
(b) Explain the features of MIDI format.
(c) What is the difference between vector graphics and bitmap graphics?
- IV. (a) What is MPEG?
(b) Define web server. Name any three web servers.
(c) Explain the role of plug-ins in web browsers.
- V. (a) Explain the different animation methods for the web.
(b) What is the alpha version of software?
(c) What is beta testing?

PART B

(5 × 4 = 20)

- VI. A. Explain the different input devices.
OR
B. Describe multimedia highway.
- VII. A. Discuss the features of typical image editing application.
OR
B. Explain the different types of multimedia authoring tools.
- VIII. A. Explain the different operations associated with sound editing.
OR
B. Describe the principles of animation.
- IX. A. Explain the different broadcast video standards.
OR
B. Discuss the different image file formats for the web.
- X. A. Briefly explain the process of making multimedia.
OR
B. Explain the four primary navigational structures used in multimedia.
