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M.C.A. DEGREE II SEMESTER EXAMINATION MAY 2015

CAS 2403/2205 MULTIMEDIA SYSTEM DESIGN

(Regular and Supplementary)

Time: 3 Hours

Maximum Marks: 50

PART A

(Answer ALL questions)

(15 × 2 = 30)

- I. (a) Explain multimedia highway.
(b) Define the term multimedia.
(c) Explain virtual reality.
- II. (a) Explain the features of 3-D modeling.
(b) What are the features of image editing tools?
(c) Explain video formats used in multimedia.
- III. (a) Compare MIDI and digital audio.
(b) What is Clip Art?
(c) Explain different character set used in multimedia.
- IV. (a) What are web servers?
(b) How can we make images for the web?
(c) Explain video compression.
- V. (a) What is Prototype development?
(b) Explain Alpha and Beta testing.
(c) What are Compact Disc standards?

PART B

(5 × 4 = 20)

- VI. What are the skills used to produce good multimedia?
OR
- VII. Discuss the application of multimedia in various fields.
- VIII. Compare Macintosh and Windows. Write a note on Networking Macintosh and Windows Computer.
OR
- IX. Explain the different types of multimedia authoring tools.
- X. Explain the significance of text in multimedia.
OR
- XI. Explain animation and its techniques.
- XII. Explain broadcast video standards.
OR
- XIII. How can we optimize video files for CD-ROM?
- XIV. How can we design a multimedia project?
OR
- XV. What are the concepts in using content created by others?