

END TERM EXAMINATION

SIXTH SEMESTER [B.TECH.] MAY-2010

Paper Code: ETCS312

Subject: Multimedia Technology

Time : 3 Hours

Maximum Marks :75

Note: Attempt all questions. Internal choice is indicated.

- Q1 (a) Discuss working principles of CD-ROM in brief. (4)
- (b) How are 3-D objects created from 2-D objects? Discuss the steps involved in brief. (5)
- (c) Discuss virtual Reality Modeling Language (VRML) in brief. (4)
- (d) Discuss history of internet evolution in brief. (5)
- (e) What is digital radio? Explain in brief. (3)
- (f) What is the role of cache management system? Discuss in brief. (4)
- Q2 (a) Describe Open Document Architecture (ODA) in detail. (7.5)
- (b) What is Open Multimedia Frame work? Discuss in detail. (5)
- OR**
- Q2 Discuss Magnetic Media Technology for storage of multimedia data. (12.5)
- Q3 (a) What are various techniques for audio compression? Discuss any one in detail. (8.5)
- (b) What is MIDI? Discuss its file format. (4)
- OR**
- Q3 Describe Resource Interchange File Format (RIFF) in detail. (12.5)
- Q4 (a) Describe Hypermedia Messaging components and how it is created? (7.5)
- (b) Discuss Integrated Multimedia Message Standards. (5)
- OR**
- Q4 (a) What are the prevalent technologies used for multimedia communication? Discuss any one in detail. (7.5)
- (b) Discuss important differences in LAN and WAN multimedia communication. (5)
- Q5 What is the methodology for designing Multimedia System? Discuss in detail. (12.5)
- OR**
- (a) Discuss Evolving Technologies for Multimedia System in detail. (7.5)
- (b) Describe digital broadcasting. (5)
