

22156

M.Tech. 2nd Semester (ECE) Elective-II

Examination, May-2017

MULTIMEDIA SYSTEMS

Paper-MEEC-514

Time allowed : 3 hours]

[Maximum marks : 100

Note : Attempt five questions in total. All questions carry equal marks.

1. (a) Explain the concept of Multimedia. How it has helped in improving the life system and governance? 10
- (b) Differentiate between television networks and ISDN networks. 10
2. (a) Explain the concept of digitization, also give out steps to carry out digitization. 10
- (b) Explain the concept and mechanism for speech recognition and generation. 10
3. Explain the concept of video compression. What are the various techniques to do this ? Discuss in detail. 20
4. (a) Discuss various types of frames in JPEG. Also discuss their coding methods. 10
- (b) Write briefly about DVI technology and also give its applications. 10

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5. (a) Explain the mechanism of client control of a continuous media. 10
- (b) Explain briefly real time multimedia information system requirements and its applications in various fields. 10
6. Write short notes on the following :
- (a) OMFI
- (b) MHEG. 10×2=20
7. (a) Explain track model for teleconferencing systems. 10
- (b) What do you understand by client server technology? How it works? 10
8. Write short notes on :
- (a) HTML
- (b) Effect of Bandwidth for web browsing.
- (c) Web authorizing. 4,8,8

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