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Manipal Institute of Technology, Manipal

(A Constituent Institute of Manipal University)



III SEMESTER B.TECH (PRINT AND MEDIA TECHNOLOGY)

END SEMESTER EXAMINATIONS, NOV/DEC 2015

SUBJECT: FUNDAMENTALS OF ELECTRONIC MEDIA [PMT 2105]

REVISED CREDIT SYSTEM

Time: 3 Hours

MAX. MARKS: 50

Instructions to Candidates:

- ❖ Answer **ALL** the questions.
- ❖ Missing data may be suitable assumed.

- 1A.** What are the things to be considered when designing a “live eye”? **03**
- 1B.** With the help of block diagram, explain the flow of signal at a transmitter site. **03**
- 1C.** What are the Contribution Links for the Radio? **04**
- 2A.** What are the benefits of video hosting websites? **03**
- 2B.** What are the characteristics of LEO and MEO satellites? **03**
- 2C.** List the applications of Geomatic technology. **04**
- 3A.** What is GPS? What are its characteristics? **03**
- 3B.** Explain any 2 types of transmission modes for television programs. **03**
- 3C.** Explain the working of NTSC transmission with the help of a diagram. **04**
- 4A.** What are the different equipment present at a radio studio? What are their uses? **03**
- 4B.** What is URL? What is the importance of different parts of URL? **03**
- 4C.** Explain any 8 broadcasting industry “lingo’s”. **04**
- 5A.** Explain the three Compression methods used by codec's? **03**
- 5B.** What are the steps involved in designing and managing a network? **03**
- 5C.** What are the advantages and disadvantages of submarine communication cables? **04**