

Roll No .....

**MTCF-302(A)**

**M.E/M.Tech., III Semester**

Examination, June 2016

**Steganography and Digital Watermarking**

*Time : Three Hours*

*Maximum Marks : 70*

- Note :** i) Attempt any five questions.  
ii) All questions carry equal marks.

1. a) State and explain watermarking characteristics. 7  
b) What are different attribute associated with watermarking? 7
2. How do you place 'Steganography' in the context of cryptography. 14
3. Briefly explain the working of steganography with the help of diagram. 14
4. What is the concept of watermarking attack? Explain Desynchronization attacks and Embedding attacks? 14
5. Write short notes on : 14
  - a) Removal attacks and manipulations.
  - b) Detection attacks.

6. State and briefly explain applications of watermarking. 14
7. Explain the following terms : 14
  - a) Image Distortion and Noise
  - b) Forensic Steganalysis
8. What is transaction tracking? Explain. 14

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