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**M.Tech 2nd Semester Cyber Forensics &  
Information Security Examination,  
May-2017  
Paper-MTCF-207  
Multimedia Security**

*Time allowed : 3 hours] [Maximum marks : 100*

*Note : Attempt any five questions taking one question from each section. Question no. 1 is compulsory.*

1. Explain the following : 20
  - (a) Digital Signature.
  - (b) Audio watermarking
  - (c) Extension of watermarking protocol
  - (d) Basic Message Coding.

**Section-A**

2. What do you mean by Affine-Resistant watermarking?  
Explain. 20
3. What is speed spectrum watermarking technique ?  
Explain with example. 20

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**Section-B**

4. What is data hiding ? Explain data hiding through watermarking. 20
5. Explain watermarking for Binary Images and for 3D contents. 20

**Section-C**

6. Explain various protocols for secure computation. 20
7. Explain efficient and anonymous buyer-seller protocol. 20

**Section-D**

8. What is cryptography ? Explain its various types with example. 20
9. What is forgery ? Explain various techniques for its detection. 20