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**M.Tech 3rd Semester Forensics and Information
Security Examination,
December-2017**

DISTRIBUTED SYSTEMS SECURITY

Paper-MTCF-305

Time allowed : 3 hours]

[Maximum marks : 100

*Note : Question No. 1 is compulsory. Attempt four questions
by selecting one question from each section. All
questions carry equal marks.*

1. (a) Explain Distributed Systems Security.
- (b) Explain the term Cryptography.
- (c) Explain the term Antimalware.
- (d) Explain Cloud Computing Security. $4 \times 5 = 20$

Section-A

2. (a) Explain Security Engineering Guidelines and Resources.
- (b) Explain Network level Threats.
3. Explain Transient Code Vulnerabilities and Resident Code Vulnerabilities. Also Explain Infrastructure of Vulnerabilities.

Section-B

4. Explain application level threats and vulnerabilities in detail.

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5. (a) Explain Service Level Security Requirements.
- (b) Explain the term Cross Site Scripting (XSS).

Section-C

6. Explain the method of Host- Level Solutions in detail.
7. Explain Network-Level Solutions and Grid-Level Solutions in detail.

Section-D

8. (a) Explain Identity based Encryption technique.
- (b) Explain the techniques of managing Service -Level Threats.
9. Explain the case study of Service- Level solutions and Security Requirement Analysis.