

7. (a) Explain sandboxing (10)
 (b) Explain various application level security solutions. (10)

Section

8. Write short notes on :
 (a) IBE (10)
 (b) SOX security solution (10)
9. (a) Explain cloud computing security. (10)
 (b) Explain multi-layered policy driven solutions. (10)

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Roll No.

23587

**M.Tech. 3rd Semester (Forensics and Information Security)
 Examination- December, 2016**

DISTRIBUTED SYSTEMS SECURITY

Paper : MTCF-305

Time : 3 hours

Max. Marks : 100

Before answering the questions, candidates should ensure that they have been supplied the correct and complete question paper. No complaint in this regard will be entertained after the examination.

Note: Question No. 1 is **compulsory**. Attempt **five** questions in total selecting **one** question from each section.

1. (a) Define distributed system security. (2.5)
 (b) What is a malware ? (2.5)
 (c) Define cloud computing. (2.5)

(d) Define SOA. (2.5)

(e) What are injection vulnerabilities? (2.5)

(f) What is SOX compliance? (2.5)

(g) Define firewall. (2.5)

(h) What do you mean virtualization? (2.5)

Section

2. (a) Explain various issues in distributed system security. (10)

(b) Explain common security techniques in distributed system. (10)

3. (a) Explain various network level threats and vulnerabilities. (10)

(b) Explain various storage threats and vulnerabilities. (10)

Section-B

4. Write notes on : (20)

(a) XSS

(b) Service level attacks

(c) Improper use of cryptography

5. (a) Explain SOA and role of standards. (10)

(b) Explain various service level threats and vulnerabilities. (10)

Section-C

6. Write notes on : (20)

(a) Antimalware

(b) Grid level solution

(c) Resource Management