M.Tech. 3rd Semester

Examination, December–2018

FORENSICS AND INFORMATION SECURITY

Paper– MTCF–305

Distributed Systems Security

Time allowed : 3 hours] [Maximum marks : 100

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

1. (a) Explain Security issues in Distributed Systems.
   (b) Explain Cross Site Scripting.
   (c) Explain the term Sandboxing.
   (d) Explain the term Identity based Encryption.

   5×4=20

Unit–I

2. (a) Explain Secure Development Lifecycle Processes.
   (b) Explain Transient Code Vulnerabilities.

3. Explain Malware, Worms, Viruses and Also Explain Infrastructure of Threats.

Unit–II

4. Explain Service Level Threats and Vulnerabilities in detail.

5. (a) Explain Canonical Representation Flaws in Security.
   (b) Explain the use of Cryptography in Security.

Unit–III

6. Explain Application-Level Solutions and Host-Level Solutions in detail. http://www.HaryanaPapers.com

7. Explain the method of Storage-Level Solutions in detail.

Unit–IV

8. (a) Explain SOX Security Solutions.
   (b) Explain Cloud Computing Security.

9. Explain the Case Study of Service-Level Solutions in Distributed Systems Security.