

23561

M. Tech. 2nd Semester
(Cyber Forensics and Information Security)
Examination, May-2015

ETHICAL HACKING AND DIGITAL FORENSICS

Paper-MTCF-201

Time allowed : 3 hours [Maximum marks : 100]

Note : Attempt any five questions in total, selecting one question from each section and question No. 1 is compulsory.

1. (a) What is ethical hacking? 20
- (b) Differentiate between ethical hacker and cracker.
- (c) What is cyber stalking?
- (d) What is Spamming?
- (e) What is Phishing attack?
- (f) What is spoofing?
- (g) What is web jacking?
- (h) What is computer forensics?
- (i) What is neural network?
- (j) What is firewall?

Section-A

2. What is network hacking? Explain in detail with the help of suitable example. 20
3. Write note on : 20
- (i) SQL injection for web hacking.
- (ii) Windows password hacking.

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Section-B

4. Write a detailed note on SYN attacks and Smurf attacks. 20
5. What are different types of firewalls? Explain the security aspects of packet filter firewalls and packet inspection firewalls. 20

Section-C

6. Write a detailed note on HIDS. Explain penetrating testing process and its importance. 20
7. What is computer fraud? What are its different categories? Explain each category by considering a suitable example of each category. 20

Section-D

8. What is computer forensics? Why it is so important for today cyberspace scientists / ethical hackers to have detailed knowledge of different steps for physical and logical evidence collection processes. List the steps for key fraud signature selection process. 20
9. Write note on : <http://www.HaryanaPapers.com>
- (i) Key fraud indicators
- (ii) Journaling and its requirements. 20

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