

23561

**M.Tech 2nd Semester (Cyber Forensics &
Information Security) Examination,
May-2017**

**ETHICAL HACKING AND DIGITAL
FORENSICS**

Paper-MTCF-201

Time allowed : 3 hours]

[Maximum marks : 100

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

1. Explain the following : 4×5=20
- (a) Privacy attacks
 - (b) UDP flooding
 - (c) Protection of websites
 - (d) Journal risk and control matrix

Section-A

2. Write notes on : 20
- (a) Cracking windows password
 - (b) Get, post and head methods in HTTP
 - (c) NS lookup and ipconfig commands

- 3. (a) Explain process for editing OS by editing explorer. 10
- (b) Describe injection attacks. 10

Section-B

- 4. Write notes on programming 20
 - (a) Batch file
 - (b) Packet filter
 - (c) Proxy firewall
- 5. What do you mean by DOS attacks ? Explain various spoofing attacks. 20

Section-C

- 6. Write notes on 20
 - (a) NIDS
 - (b) Penetration testing process
- 7. (a) Explain various strategies for computer fraud prevention 10
- (b) Explain framework for securing web services. 10

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Section-D

- 8. Write notes on : 20
 - (a) ICF AND KFI
 - (b) General criteria for Journaling/Audit trails
- 9. (a) Explain process of anomaly detection using neural network. 10
- (b) Explain various phases of KFS selection process. 10