

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 the process for editing OS by editing explorer.exe. 10
 (b) Describe SQL injection attacks. 10

Section-B

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

Section-C

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

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