

**B.Tech Sem – VIII (2007 Course) (Computer Engg.) : WINTER
- 2017**

SUBJECT: ELECTIVE – II : COMPUTER FORENSICS & CYBER LAW

Day : **Wednesday**
Date : **22/11/2017**

Time **02.30 PM TO 05.30 PM**
Max. Marks : **80**

W-2017-2663

N. B.

- 1) Q.1 and Q.5 are **COMPULSORY**. Out of the remaining attempt any **TWO** questions from each section.
- 2) Figures to the right indicate **FULL** marks.
- 3) Neat diagrams must be drawn wherever necessary.
- 4) Assume suitable data if necessary.
- 5) Answers to both the sections should be written in **SEPARATE** answer book.

SECTION – I

- Q.1**
- a) How are emails, IRC and chats traced and investigated for evidence collection? **(04)**
 - b) How social networking sites are traced and investigated for evidence? **(05)**
 - c) What is data seizure in computer forensics? **(05)**
- Q.2**
- a) Explain different types of intrusion detection tools. **(07)**
 - b) What is the difference between Hard drive imaging and cloning? How to create system image in Windows 8? **(06)**
- Q.3**
- a) Describe the process of computer forensics and digital investigations. **(07)**
 - b) Discuss the provisions in ECPA act. **(06)**
- Q.4**
- a) Explain the following tools: **(07)**
 - i) Trace route
 - ii) En0Case
 - b) Define steganography. Explain the methods of LSB insertion. **(06)**

SECTION – II

- Q.5**
- a) How meta tagging can be used for search engine optimization? **(04)**
 - b) What is DNS? Explain the role of domain name in WWW. **(05)**
 - c) What is cyber law compliancy audit? **(05)**
- Q.6**
- a) Explain the roles of certifying authorities in digital signature certificate. **(07)**
 - b) Explain the scope of cyber laws. **(06)**
- Q.7**
- a) What is cyber squatting? What you can do to fight a cyber squatter? **(07)**
 - b) What are copyright aspects of hyper linking and framing? **(06)**
- Q.8**
- a) What are cyber law issues in E-business management? **(07)**
 - b) What are child abuse protection laws? **(06)**

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