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***B.Tech. Degree VI Semester Special Supplementary Examination  
January 2019***

**CS 15-1606 (E1) ETHICAL HACKING AND COMPUTER FORENSICS  
(2015 Scheme)**

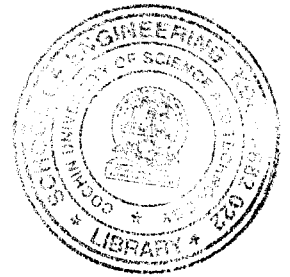
Time : 3 Hours

Maximum Marks : 60

**PART A**  
(Answer *ALL* questions)

(10 × 2 = 20)

- I. (a) What is hacking? Compare ethical hackers and crackers.
- (b) What is footprinting?
- (c) Explain the commands nslookup, ping, tracert and netstat.
- (d) What is DNS poisoning?
- (e) Explain any one DDOS model.
- (f) Explain the concept of Batch file programming.
- (g) What is computer forensics?
- (h) What are the rules for evidences?
- (i) What is file slack?
- (j) What is 'chain of custody'?



**PART B**

(4 × 10 = 40)

- II. Explain different types of password hacking techniques. Describe anyone tool used for each technique.

**OR**

- III. Explain SQL injection attacks and Buffer overflow attacks.

- IV. What is spoofing? Explain in detail the steps involved in IP spoofing.

**OR**

- V. Explain different types of DOS attacks with appropriate examples.

- VI. What are the various levels of services offered by forensics experts to investigation individuals?

**OR**

- VII. What are the different types of business computer forensics technology?

- VIII. Explain the steps involved in evidence collection and data seizure.

**OR**

- IX. Explain the steps involved in computer forensic analysis.

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