Paper / Subject Code: 89388 / Ethical Hacking and Forensic

(3 Hours)

Total Marks: 80

N.B.: (1) Question No.1 is compulsory.

(2) Attempt any three questions from the remaining five questions.

(3) Make suitable assumptions wherever necessary but justify your assumptions.

1. (a) Explain Mobile forensic. What are various challenges in mobile forensics 05

(b) Explain Forensic Duplicates as Admissible Evidence. 05

(c) What is evidence handling procedure? 05

(d) What are Challenges in network forensics ? 05

2. (a) Explain Incident Response Process and its methodology. 10

(b) Compare active attacks vs Passive attacks. Classify the cybercrimes and explain any one briefly. 10

3. (a) Discuss basic security precautions to be taken to safeguard Laptops and wireless devices and What are the devices related to security issues? 10

(b) Explain Volatile Data Collection from Windows system 10

4. (a) What do you understand by social engineering? Give classification 10

(b) Briefly explain Types of digital Evidence with examples. 10

5. (a) Explain process for collecting Network Based Evidence. 10

(b) Explain various guidelines for digital forensic report writing along with its goals. 10

6. Write a short note on (Any Two) 20

(1) Tools used in network forensics

(2) Roles of CSIRT in handling incident

(3) Email Tracing- Internet Fraud