T.E/IT/Sem VI /Df/CBCS   03 JUN 2019

(3 Hours)   Marks: 80

Note: 1) Question 1 is compulsory.
2) Attempt any three from remaining Questions.
3) Assume suitable data wherever necessary.
4) Figure indicates marks.

Q1. A) Describe the steps involved in ethical hacking.   [05]

B) What is Digital Forensics? Explain types of Digital Forensics?   [05]

C) Discuss the challenges in Web Application Forensics?   [05]

D) Explain how to use the routers as response tools?   [05]

Q2. A) Describe the incident response methodology in detail.   [10]

B) Discuss in detail Ethics in Digital Forensics.   [10]

Q3. A) What is digital evidence? Explain in detail types of digit evidences?   [10]

B) Explain in detail collecting Volatile and Non-Volatile Data in Unix-Based Systems.   [10]

Q4. A) Describe in detail Investigating Web Browsers.   [10]

B) Discuss in detail Partitioning and Disk Layouts.   [10]

Q5. A) What is Intrusion Detection systems? Explain in detail types of IDS.   [10]

B) List and explain different types of computer forensic tools.   [10]

Q6. Write Short notes   [20]
   a) Challenges for Evidence Handling.
   b) Live Data Acquisition
   c) RAID
   d) Analyzing Network Traffic

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