

T.E. IT, Choice base 03/05/2019

(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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