

**Elective - IV : Digital Forensic**

P. Pages : 2

Time : Three Hours



**KNT/KW/16/7617**

Max. Marks : 80

- Notes :
1. Solve Question 1 OR Questions No. 2.
  2. Solve Question 3 OR Questions No. 4.
  3. Solve Question 5 OR Questions No. 6.
  4. Solve Question 7 OR Questions No. 8.
  5. Solve Question 9 OR Questions No. 10.
  6. Solve Question 11 OR Questions No. 12.
  7. Due credit will be given to neatness and adequate dimensions.
  8. Assume suitable data whenever necessary.

1. a) Explain the processing steps of conduction of Investigations. 7  
b) Analyze the concepts of knowing and unknowing, Data context & data contents. 7

**OR**

2. a) Explain device handling and examination principles in detail. 8  
b) What is computer Forensics? Discuss its objectives, roles and priorities? 6
3. a) Explain a seven element security model of digital Forensics. 5  
b) i) How the digital Forensic related to digital devices. Explain with examples. 4  
ii) Write short note on Audits & logs. 4

**OR**

4. a) Write short note on : 9  
i) PDA  
ii) DNS  
iii) GPS  
b) What are the various problems with computer Forensic evidence. 4
5. a) What are the services provided by computer Forensics. 7  
b) Explain computer Forensic Assistance to human resources and employment proceedings. 6

**OR**

6. a) What are the benefits of professional Forensic methodology? 5  
b) Who can use computer Forensic evidence and how can computer Forensic evidences are useful to us? 8

7. a) How will you catch hidden data? How to find it? Is there any technique to find it? Explain. 7  
b) Explain different types of Business Computer forensics technologies. 7

**OR**

8. a) Explain the types of military computer Forensic Technologies. Write short notes on CFX – 2000 in detail. 6  
b) Explain how the data will be protected from being compromised? 4  
c) Explain spyware and adware in detail. 4

9. a) What is CFIRP. 6  
b) Explain the steps for Forensic process Improvements. 7

**OR**

10. a) Explain any two case studies for Forensic cases. 13  
11. a) Why hacker hacks? What is white hats. 7  
b) Name the risk hacking process for national security. 6

**OR**

12. a) What are the techniques of Fighter Cyber Crime with risk management techniques? 13  
Hint:  
a) Effective IP & Staff Policies.  
b) Vendor tools of trade  
c) Effective procedure

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