

CE1.3-R4 : CYBER FORENSIC AND LAW

NOTE :

1. Answer question 1 and any FOUR from questions 2 to 7.
2. Parts of the same question should be answered together and in the same sequence.

Total Time : 3 Hours

Total Marks : 100

1. (a) What are Cyber Crimes ?
(b) What are Swap Files used in Cyber forensic ?
(c) What are Hijacked Session Attack ?
(d) Explain the role of PDAs in Cyber forensic investigations.
(e) Explain the concept of File Carving.
(f) How is data recovery carried out in LINUX ?
(g) Explain the health and safety checklist. (7x4)

2. (a) Describe some standards for Digital Forensic Laboratory accreditation.
(b) Explain some network forensic analysis tools. (9+9)

3. (a) Explain the process of recovering deleted files and deleted partitions.
(b) What is Common Law Privacy ? Classify types of Privacy Law.
(c) What is the importance and utility of the Preamble in Constitutional Law ? (9+5+4)

4. (a) Elaborate the process of Cyber Forensic Investigation.
(b) Explain how the process of collection of network traffic data. (9+9)

5. (a) Differentiate between Secret Key and Public Key Cryptography.
(b) Explain the role of Cloaking techniques in Cyber forensic. (9+9)

6. (a) Explain the role of Encase Forensic.
- (b) What is the utility of Autopsy Browser ?
- (c) Explain the role of Counter forensic in Cyber forensic. **(6+6+6)**
7. Write short notes on **any three** of the following :
- (a) Cyber Forensic Tools
- (b) Budget Checklist
- (c) Digital Appliances
- (d) Data Acquisition and Acquiring Images **(3x6)**

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