

Code No: 09A50504

**R09**

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, HYDERABAD**

**B. Tech III Year I Semester Examinations, November/December-2013**

**COMPUTER FORENSICS**

**(Computer Science and Engineering)**

**Time: 3 hours**

**Max. Marks: 75**

**Answer any five questions  
All questions carry equal marks**

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- 1.a) List out the various computer forensics services and explain them.
- b) Discuss the computer evidence processing procedures. [7+8]
- 2.a) Explain the different obstacles in backing-up applications.
- b) Explain the five rules of collecting electronic evidence? What are the basic do's and don'ts in collecting electronic evidence? [7+8]
- 3.a) Explain how you preserve the digital crime scene? What are the legal aspects of preserving the computer forensic evidence?
- b) Explain the authentication technology in computer forensics. [7+8]
- 4.a) Explain the techniques of validating forensic data.
- b) Explain the standard procedure for network forensics. [7+8]
- 5.a) Explain the steps in preparing for a computer search and seizure.
- b) How do you save and store digital evidence? Explain. [7+8]
- 6.a) Explain the types of computer forensics tools.
- b) Briefly explain the validating and testing forensics software. [7+8]
- 7.a) Explain the process of investigation in e-mail related crimes.
- b) Explain the acquisition procedure for mobile devices. [7+8]
- 8.a) Explain the components of disk drive structure? Explain the importance of disk drive in computer forensics.
- b) Write short notes on whole disk encryption. [7+8]

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