

Code No: 55028

**R09**

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, HYDERABAD**

**B. Tech III Year I Semester Examinations, December - 2014**

**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) Explain in detail about the role of Computer Forensics Assistance to Human Resources/Employment Proceedings.
- b) Discuss about various types of Law enforcement.
2. Companies who recycle their computers by selling them on to someone else will aim to erase all data on their hard drive. However, this may not always be successful.
  - a) Outline how formatting the disk may not in fact achieve this aim.
  - b) Outline the possible effects on privacy if all of the data is not erased.
- 3.a) Explain special needs of evidential authentication.
- b) What is a software publisher ID? Who needs a software publisher ID? Explain the working of software publisher ID with an example ID?
4. What is the strength of the intelligence to indicate that there is evidence on the items submitted for examination?
5. Give a case study to explain the processing of law enforcement crime scenes.
6. Explain the methods used for validating and testing forensic software.
- 7.a) After you have determined that a crime has been committed using e-mail, how that e-mail messages are examined and copied?
- b) Explain in detail about mobile device forensics.
8. Write short notes on following:
  - a) Whole Disk Encryption
  - b) Examining NTFS disks.

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