

Code: CS8T3C

IV B.Tech - II Semester – Regular Examinations – April 2016

**CYBER FORENSICS
(COMPUTER SCIENCE & ENGINEERING)**

Duration: 3 hours

Max. Marks: 70

Answer any FIVE questions. All questions carry equal marks

1. a) Explain the issues for private sector High-Tech Investigation. 7 M

- b) A desperate employee calls because she has accidentally deleted crucial files from her hard drive and can't retrieve them from the recycle bin. What are your options? Write one to two pages explaining your capabilities and listing the questions you need to ask her about her system? 7 M

2. Explain the process of seizing of digital evidence at scene. 14 M

3. a) Explain the steps involved in Automating USB Write-Blocking. 7 M

- b) Explain the process of validating the forensic data. 7 M

4. a) Describe how to secure a computer incident or crime scene? 7 M

- b) List the procedures for storing digital evidence. 7 M
5. a) Explain about computer forensic software tools. 7 M
- b) Explain about sub functions of reconstruction: 7 M
- i) Disk-to-disk copy
 - ii) Image-to-disk copy
 - iii) Partition-to-partition copy
 - iv) Image-to-partition copy
6. What are the approaches of computer forensics cases?
Explain. 14 M
7. a) Explain the standard procedures for network forensics? 7 M
- b) Explain how to locate and recover graphics files? 7 M
8. Explain the process of investigating E-mail crimes and violations? 14 M