

[21-CF 421-A]

AT THE END OF FOURTH SEMESTER (CBCS-PATTERN)

CYBER FORENSICS - IV (A) - DIGITAL FORENSICS

UG PROGRAM (4 YEARS HONORS)

(w.e.f. Admitted batch 2020 - 21)

Time: 3 Hours

Max. Marks: 75

SECTION A — (5 × 5 = 25 marks)

Answer any FIVE questions.

1. ✓ What is Forensic workstation? Explain.
2. ✓ Validating Data Acquisition.
3. What is Pneumatic Actuators?
4. ✓ Social media forensics.
5. Briefly explain the role of E-mail in investigations.
6. ✓ What is Cyber Forensics?
7. Write a note on Remote network acquisition tools.
8. Explain the Characteristics of Actuating Systems.

SECTION B — (5 × 10 = 50 marks)

Answer ALL the questions.

9. (a) Write about preparing for Computer Investigations and Taking a Systematic Approach.
Or
(b) Explain certification requirements for digital forensic lab.
10. (a) Explain various storage formats for digital evidence.
Or
(b) Discuss about Performing RAID Data Acquisition.
11. (a) How to secure a computer incident or crime scene? Explain in detail.
Or
(b) Write about Computer Software tools and hardware tools.

12. (a) How to determine what data to collect and analyse in computer forensics?

Or

(b) Explain copyright issues in graphics.

13. (a) Write in detail about Cell Phone and Mobile Device Forensics.

Or

(b) Explain about Specialized E-mail Forensics Tools.