

[21-CF 521-7A]

AT THE END OF FIFTH SEMESTER (CBCS PATTERN)

CYBER FORENSICS - V-7A-ADVANCED CYBER FORENSICS

UG PROGRAM (4 YEARS HONORS)

(w.e.f.: Admitted Batch 2020-2021)

Time: 3 Hours

Max. Marks: 75

SECTION A — (5 × 5 = 25 marks)

- I. Answer any FIVE questions.
1. Explain about Volatile data collection.
 2. What is Cryptography?
 3. Explain about processes and process injection.
 4. Write about VM snapshots.
 5. Cloud storage Forensics Framework.
 6. Write about Browser usage.
 7. Explain about brute force attack.
 8. Write about DNS.

SECTION B — (5 × 10 = 50 marks)

II. Answer ALL the questions.

9. (a) Explain about Crash Dump analysis and File system analysis.

Or

- (b) Explain about Event view Log Analysis and MFT analysis.

10. (a) Define Encryption. Explain various Encryption algorithms.

Or

- (b) What is Decryption? Explain their types in detail.

11. (a) Explain about x86/x64 architecture in detail.

Or

(b) Write about paged memory and advanced registry artifacts.

12. (a) Define Hypervisors. Explain different types of Hypervisors files and formats.

Or

(b) Explain the use of VMware to establish working versions of superset's machine.

13. (a) Write about Forensics analysis of cloud storage and data remnants.

Or

(b) Explain about Dropbox Analysis.