

[21-CF421-B]

AT THE END OF FOURTH SEMESTER - (CBCS PATTERN)

CYBER FORENSICS - IV (B) - MOBILE 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. Crimes using mobile phones.
2. Briefly explain about Rules of evidence.
3. Live Memory forensics.
4. MOBIL edit and Autopsy.
5. iTunes backup.
6. SIM card.
7. Gaining root access.
8. HFS Plus file system.

SECTION B — (5 × 10 = 50 marks)

Answer ALL the questions.

9. (a) Discuss about components inside mobile device.
Or
(b) Write a detailed note on mobile forensics and its challenges.
10. (a) Explain in detail about Good forensic practices.
Or
(b) Write a note on Windows OS based mobile phone Forensics.
11. (a) Write a detailed note on Dalvik virtual machine.
Or
(b) Explain in detail about Secure inter process communication.

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12. (a) Explain about A Forensic environment setup and screen lock bypassing techniques.

Or

(b) Explain in detail about Data Extraction Techniques.

13. (a) Discuss in detail about Internals of iOS devices.

Or

(b) Write about data Acquisition via jail breaking.