



QP CODE: 25804040

Reg No :

Name :

MCA DEGREE EXAMINATION, OCTOBER 2025

Third Semester

MASTER OF COMPUTER APPLICATION

CORE - MCACT302 - CYBER FORENSICS

2020 ADMISSION ONWARDS

196223ED

Time: 3 Hours

Maximum: 75 Marks

Part A

*Answer any **ten** questions*

*Each question carries **3** marks*

1. Define how cyber forensics aids in law enforcement.
2. What are the services involved with business computer forensics?
3. What you mean by public key infrastructure systems?
4. List some data recovery solutions.
5. Define artifacts.
6. What do you mean by hypothesis?
7. Explain data encryption and decryption.
8. What do you mean by Theft of FTP password?
9. What do you mean by identity theft and credit card fraud?
10. Give some examples of cyber terrorism.
11. What is CrPC?
12. What is the punishment for cheating by personation by using computer resources?

(10×3=30 marks)

Part B

*Answer **all** questions*

*Each question carries **9** marks*

13. a) Explain the different types of Business computer Forensic Technology.

OR





- b) Explain the concept of Intrusion Detection Systems.
14. a) Explain the different steps to recover the hidden data.
OR
b) Explain the different methods of evidence collection.
15. a) Explain about different process models in digital investigation.
OR
b) How to deal with password protection and encryption?
16. a) Define Cyber-crimes and roles of computers in cyber-crimes.
OR
b) Explain salami attack in detail.
17. a) Describe the importance of Indian evidence act.
OR
b) Explain in detail about different offences under IT act 2000.

(5×9=45 marks)

