

Code No: **R20A6215****MALLA REDDY COLLEGE OF ENGINEERING & TECHNOLOGY**

(Autonomous Institution – UGC, Govt. of India)

IV B.Tech I Semester Supplementary Examinations, April 2024**Cyber Forensics****(CSE-CS & CSE-AIML)**

Roll No									

Time: 3 hours**Max. Marks: 70****Note:** This question paper Consists of 5 Sections. Answer **FIVE** Questions, Choosing **ONE** Question from each **SECTION** and each Question carries 14 marks.

SECTION-I

1. a) Write short note on your understanding about Digital Forensics. [7M]
b) What are the different phases of a typical Digital Forensics process? Briefly explain. [7M]
(OR)
2. a) Explain the basic steps of forensic investigation process. [7M]
b) Distinguish between the crime investigations through Digital Forensics and through traditional methods. [7M]

SECTION-II

- 3.a) Explain cyber crime scene analysis in detail with an example. [7M]
b) Briefly discuss the difficulties associated with the seizure of the electronic evidence? [7M]
(OR)
4. a) What is evidence custody form? What information does it contains? [7M]
b) Explain the procedure for search and seizure of digital evidence? [7M]

SECTION-III

- 5.a) Define digital evidence. How do you manage digital evidence? Briefly explain. [7M]
b) What is the importance of evidence management and presentation in crime investigation. [7M]
(OR)
6. a) What do mean by forensic mindset and what is it's importance in crime investigation? [7M]
b) What steps are involved in presenting digital evidence? Briefly explain. [7M]

SECTION-IV

- 7.a) Briefly discuss the need of presenting network evidence in a scene and controlled ocaion. [7M]
b) Explain the term "Network Forensics". What are the steps involved in a generic network forensic examination. [7M]
(OR)
8. a) Define computer forensics. How it is useful in investigation process? [7M]
b) What are the different tasks performed by computer forensics tools? [7M]

SECTION-V

- 9.a) What is mobile forensic process? Write short note on the data extraction process from Mobile phones? [7M]
b) What are the major amendments of IT Act 2008. Give details. [7M]
(OR)

- 10.a) Highlight the key features of IT ACT-2000. [7M]
- b) Write short note on the additional precautions that need to be taken while handling mobile forensics. [7M]