Total Pages : 3   Roll No. ....

MIT (CS)-202

DIGITAL FORENSICS

(MCA/MSCCS)

Examination, June 2025

Time : 2:00 Hrs.   Max. Marks : 70

Note :– This paper is of Seventy (70) marks divided into Two (02) Sections 'A' and 'B'. Attempt the questions contained in these sections according to the detailed instructions given therein. ***Candidates should limit their answers to the questions on the given answer sheet. No additional (B) answer sheet will be issued.***

Section–A

Long Answer Type Questions   2×19=38

Note :– Section 'A' contains Five (05) Long-answer type questions of Nineteen (19) marks each. Learners are required to answer any *two* (02) questions only.

1. Describe different types of File Systems in detail.

2. Describe the major types of web attacks in detail.

3. Describe the major amendments in the INDIAN IT Act (2008). Describe some offences and the corresponding penalties.

4. Discuss various forensic acquisition tools.

5. Explain the digital evidence investigation process in detail.

Section–B

Short Answer Type Questions   4×8=32

Note :– Section 'B' contains Eight (08) Short-answer type questions of Eight (08) marks each. Learners are required to answer any *four* (04) questions only.

1. List and describe at least 4 email attacks.

2. List and explain any 3-web application forensic tools in brief.

3. State and explain any 3 network components and their forensic importance in brief.

4. Define the terms: a. Slack space b. Lost cluster c. Bad sector

5. What is a slack space, swap space and file carving ?

6. What is incident response ? Explain goal of incident response.

7. How are the network logs captured and analyzed ?

8. How is registry information important in window forensic ?

****