

A-819

Total Pages : 3

Roll No.

MIT (CS)-203

(MSCCS)

(Advanced Cyber Security Techniques)

2nd Semester Examination, 2024 (June)

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. Explain Denial of services (DOS) and Distributed denial of service (DDOS).
2. Explain various phases in computer forensics/digital forensics.
3. Discuss cryptographic security for mobile devices.
4. Explain about any 8 types of cyber crimes.
5. Explain about public key Certificate and implications for certifying authorities.

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. Explain the network hacking steps in OSI 7 layer model.
2. Differentiate the passive attacks and active attacks.
3. What are the different types of identity thefts ?
4. Explain Attack-vectors along with an example.

5. Explain Cyber Stalking in detail.
6. Explain Bluetooth hacking in detail.
7. Explain Password Cracking in detail.
8. What are the steps to be followed for protection against Trojan Horse and Backdoors ?
