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[Roll No.]

MIT(CS)-203

**MSCCS IInd Semester Examination
Dec., 2023**

**ADVANCED CYBER SECURITY
TECHNIQUES**

Time : 2 Hours]

[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 there in. 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.

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(1)

P.T.O.

1. Define Steganography. Explain its working in detail.
2. Explain about Security Models.
3. Explain Distributed Denial of Services (DDOS) attack in detail.
4. What are the security and privacy implications from cloud computing ?
5. Illustrate about the Fundamental concepts in privacy issues.

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. Define Credit Card Frauds.
2. What is WORM ? Mention different types of worms in detail.
3. Distinguish about various types of web threats for Organizations.
4. Explain the Organizational implications of software privacy.

5. Describe about the Physical Security Countermeasures for protecting Laptops.
6. Discuss about social computing and the associated challenges for organizations.
7. What is Cryptography ? Explain symmetric and asymmetric Key cryptography.
8. Discuss about Internet Governance.
