

A-815

Total Pages : 3

Roll No.

MIT (CS)-102/CEGCS-02

(MCA/MSCCS/CEGCS)

(Cyber Security Techniques)

3rd/1st 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 types of Information security policies. Write about the ways which make policies more effective.
2. What is Electronic Mail Security ? Explain the working of electronic mail in detail along with diagram.
3. Define WEP and WPA. Explain in detail about the security problems with WEP and WPA.
4. What is Social Engineering ? Explain in detail about the different types of social engineering.
5. What is Computer Forensics ? Explain the procedure of data collection, examination, analysis and reporting used in computer forensics.

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 difference between policies and procedure.
2. What is Insider Attack ? How it is differ from outsider attack ?
3. Define Hardware Security Module. Explain the types of HSMs.
4. Define Virus. Explain about Radio frequency identification virus.
5. Explain the importance of risk management in cyber world.
6. Explain the role of cert-in and other agencies in terms of cyber security.
7. List the cyber security initiatives taken by the government of India in recent past.
8. Write short notes on :
 - (a) Denial of Service
 - (b) HTML
 - (c) Risk management
 - (d) National Crime Records Bureau
