A-0856

MIT (CS)-101/CEGCS-01

Fundamentals of Information Security

(MCA/MSCCS/CEGCS)

3rd/ 1st Semester Examination 2024(Dec.)

Time: 2:00 hrs   Max. Marks: 70

Note : This paper is of Seventy (70) marks divided into Two (02) Section 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.

P.T.O.

Section-A (Long-Answer-Type Questions)

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.

[2x19=38]

Q.1. Define Information Security. List the need for information Security.

Q.2. What is E-Commerce? Explain its process. Also discuss the key drivers of E-commerce. What are the barriers to E-Commerce?

Q.3. Explain Firewall. What are the types of Firewalls?

Q.4. Define E-governance. What are the models and domains of E-governance.

Q.5. Discuss the services provided by E- banking. Also give the advantages and disadvantages of E- banking.

Section-B (Short-Answer-Type Questions)

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.

[4x8=32]

Q.1.   Define Cybercrime. What are the category of cybercrime? Explain in detail.

Q.2.   Define Electronic Payment Systems (EPS).

Q.3.   Explain in detail about the types of cyber-attacks.

Q.4.   Discuss the ethical issues that occur in E-Commerce.

Q.5.   Explain about Indian IT ACT?

Q.6.   Discuss about the Cybercrime impact on students in Indian scenario?

Q.7.   Explain about legal perspectives of Cybercrimes?

P.T.O.

Q.8. Explain the various internet protocols used in E-Commerce.

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