

P-847

Total Pages : 3

Roll No.

MIT(CS)-101/CEGCS-01

Fundamental of Information Security

(MCA/MSCCS/PGDCS/CEGCS)

3rd / 1st Semester Examination, 2023 (June)

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 therein. Candidates should limit their answer to the questions on the given answer sheet. No additional (B) answer sheet will be issued.

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.

(2×19=38)

1. What is Internet ? Explain the history of Internet.

2. What is e-commerce? Discuss e-commerce models in detail. Name some of the famous e-commerce website.
3. Write short note on :
 - (a) Ecash.
 - (b) Google wallet.
 - (c) Electronic funds transfer.
 - (d) Smart cards.
4. What is information security? How is information security characterized in the Standard?
5. What is a digital certificate? What is the difference between identification, authentication and authorization?

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. (4×8=32)

1. What is an IP address? Explain the addressing scheme in the Internet.
2. Write the difference between IPv4 and ipv6.

3. What is an ISP? Explain different classifications of an ISP.
 4. What is e-governance ? What are the goals of e-governance?
 5. Explain the difference between vulnerability and a threat.
 6. How digitization is helpful in the successful implementation of e-governance?
 7. List six items that might be considered logical controls.
 8. What are the different types of biometric authentication?
-

