

1. Explain different types of Cyber Attacks in detail.
2. Explain the legal frameworks HIPAA, GLBA and SOX ?
3. What are smart cards ? Why they are used?
4. Explain CHAP authentication process.
5. How email works ? Explain with the help of a diagram.

Section - B
(Short-Answer-Type Questions)

Note - Section 'B' contains Eight (08) short-answer-type questions of Seven (07) marks each. Learners are required to answer any Five (05) questions only.

$$(5 \times 7 = 35)$$

1. Write a short note on Cyber War.
2. Explain the motivation behind designing scan or hoax websites.
3. What is wireless router ? How to create wireless network ? Write steps for that.
4. Name and briefly explain the different SDLC models.
5. What is an Intrusion Detection Systems.
6. What are the desired outcome of the information security governance ?
7. Explain difference between policy, procedure and guidelines.

8. Explain risk management.

**CEGCS-03/PGDCS-03/
MIT (CS) - 103**

Cyber Attacks and Counter Measures :

User Perspective

**Certificate of E-Governance and Cyber
Security / P. G. Diploma/**

M. Sc. Cyber Security

(CEGCS-16/17/PGDCS-17/MSCCS)

First Semester, Examination - 2019

Time : 3 Hours

Max. Marks : 80

Note - This Paper is of Eighty (80) marks divided into two (02) Sections A and B. Attempt the Questions contained in these sections according to the detailed instructions given therein.

Section - A

(Long-Answer-Type Questions)

Note - Section 'A' contains Five (05) long-answer-type questions of Fifteen (15) marks each. Learners are required to answer any Three (03) questions only.

(3 × 15 = 45)