

Total No. of Printed Pages : 4

Roll No.....

**CEGCS-02/PGDCS-02/MIT (CS)-102**  
**CYBER SECURITY TECHNIQUES**

Certificate of E-Governance and Cyber Security

P.G. Diploma/M.Sc. Cyber Security

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

First Semester, Examination-2020

Time Allowed : 2 Hours

Maximum Marks : 80

---

**Note :** This paper is of Eighty (80) marks divided into Two (02) sections A and B. Attempt the question 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 Twenty (20) marks each. Learners are required to answer any two (02) questions only. (2×20=40)

1. What do you mean by Cyber Crimes? Discuss the nature and types of Cyber Crime. What are the challenges before it?
2. What are the data security considerations? Explain in this reference data backup security, data archival security and data disposal considerations.
3. What is e-commerce? Explain the different types of e-commerce models.
4. What is the need of Cyber Law? Explain the main features of National Cyber Security Policy?
5. Write notes on any **three** from the following :
  - (a) Wireless Security
  - (b) Social engineering
  - (c) Risk Management
  - (d) Digital Signature.

## **Section-B**

(Short answer type questions)

Note: Section-B Contains Eight (08) short answer type questions of Ten (10) marks each. Learners are required to answer any four (04) questions only. (4×10=40)

1. What is Cyber Security? Explain different cyber security initiatives taken in India.
2. Explain the objectives and reasons of the Information Technology Act.
3. What are the major threats to privacy in the Internet?
4. Explain different modes of attack used in cyber world.
5. What do you understand by cyber defamation? Explain.

6. Write a note on Information Privacy in E-Commerce.
7. Explain the role of National counter terrorism centre of India.
8. Explain computer forensics in term of cyber security.

\*\*\*\*\*