

Roll No.

Total Pages : 2

BT-8/D-22

48360

CYBER SECURITY

Paper : OE-IT-402A

Time : Three Hours]

[Maximum Marks : 75

Note : Attempt any *five* questions. All questions carry equal marks.

1. (a) What is Cyber Crime? List the types of cyber criminals.
(b) Explain the following terms related to cyber crimes :
 - (i) Spamming.
 - (ii) Identity Theft.
2. (a) Explain various threats to Information Security.
(b) Discuss in detail about the Policy standards in information security.
3. (a) Explain the main techniques hackers can use to get hold of your password.
(b) How to prevent SQL Injection Attacks.
4. (a) What is Cyber Stalking? Explain various types of Stalkers with a case study.
(b) What are the DDoS Attacks and explain how to protect from DDoS attacks.

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5. (a) Distinguish between active attacks and passive attacks.
(b) Explain the following terms :
(i) E-mail Bombing/Mail Bombs.
(ii) Intrusion Detection.
6. (a) What is data security? Explain various methods for providing data security.
(b) What are the physical security countermeasures for laptops?
7. (a) What is the need for Computer Forensics?
(b) Explain in detail the forensic analysis of E-mail.
8. (a) What are the positive aspects of the ITA 2000? Explain.
(b) Discuss the impact of Digital signatures in ITA 2000.