

Roll No.

Total Pages : 2

48360

BT-8/D-23

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 cybercrime. Explain different types of cybercrime?
(b) List the various cybercrimes against property and against organization.
2. (a) Discuss various types of viruses categorized based on attacks on various elements of the system.
(b) Explain hacking and list of different types of hackers along with examples.
3. (a) What is mail bombing in cyber crime? How do one can stop bombardment emails?
(b) What are the steps to be followed for protection against Trojan horse and Backdoors?

4. (a) Define Cyber Stalking along with its working. Explain two types of Stalkers.
(b) How to prevent SQL injection attack?
 5. (a) Differentiate between active and passive attacks.
(b) How do different types of cyber attacks, such as phishing and malware, work?
 6. (a) What do you mean by data security? Explain in terms of archival storage and disposal of data.
(b) What are the features of firewall? Write the steps in providing network security and to set Firewall Security in windows.
 7. (a) What is the need of digital forensics?
(b) Explain in detail the forensic analysis of E-mail.
 8. (a) Discuss cybercrime and the Indian ITA 2000.
(b) Explain the impact of oversights in ITA 2000 regarding digital signatures.
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