



**MAULANA ABUL KALAM AZAD UNIVERSITY OF
TECHNOLOGY, WEST BENGAL**

Paper Code : CS-802B

CYBER LAW AND SECURITY POLICY

Time Allotted : 3 Hours

Full Marks : 70

The figures in the margin indicate full marks.

*Candidates are required to give their answers in their own
words as far as practicable.*

GROUP - A

(Multiple Choice Type Questions)

1. Choose the correct alternatives for any ten of the
following : $10 \times 1 = 10$

i) Changing of raw data is known as

- a) Salami Attack b) Data diddling
- c) Forgery d) Web jacking.

ii) The tool that acts like an offline browser is

- a) HTTrack b) email Tracker Pro
- c) Traceroute d) None of these.

- iii) Sniffing is a technique used for
 - a) Attacks on Computer Hardware
 - b) Attacks on Computer Software
 - c) Attacks on Operating System
 - d) Attacks on Wireless Network.
- iv) India's first Cyber Law Act was passed in the
Parliament in the year
 - a) 1998 b) 1999
 - c) 2000 d) 2001.
- v) DLL stands for
 - a) Dynamic Link Library
 - b) Digital Link Library
 - c) Distributed Link Library
 - d) Domain Link Library.
- vi) Access to a computer program that bypasses
security mechanism is called
 - a) Backdoor b) Trojan Horses
 - c) Storm Worm d) None of these.
- vii) Pharming is used for
 - a) Data Hiding
 - b) Data alteration
 - c) Hosts of file poisoning
 - d) File overriding 15 digits.
- viii) Skimming means
 - a) Stealing ATM PIN information
 - b) Stealing telephonic information
 - c) Stealing identity
 - d) None of these.

- ix) Which program generates random packets to launch Dos attack ?
 a) Jolt2 b) Targa
 c) Nemesis d) All of these.
- x) The term 'Bluetooth' has been taken from
 a) Danish blue sea
 b) Finish blue sea
 c) Danish King Harald Bluetooth
 d) Norway Hill.
- xi) Hackers who release information to the public is
 a) A Black Hat b) A Grey Hat
 c) A White Hat d) A Brown Hat.
- xii) Which of the following is a social Engineering site ?
 a) ebay b) Facebook
 c) Amazon d) CWB.

GROUP - B**(Short Answer Type Questions)**Answer any *three* of the following. $3 \times 5 = 15$

2. Explain the difference between Hackers, Crackers and Phreakers. 5
3. What is Phishing ? What are the different methods of Phishing attack ? 5
4. What is Trojan Horse ? What is the difference between Trojan Horse and Backdoors. 2 + 3
5. Discuss briefly about proxy server. 5
6. What is SQL injection ? How it can be prevented ? 2 + 3

GROUP - C**(Long Answer Type Questions)**Answer any *three* of the following. $3 \times 15 = 45$

7. a) Define Cybercrime ? Discuss about various types of Cybercrime.
 b) Discuss about email spoofing and email spamming.
 c) What is Reconnaissance in the world of Hacking ?
 d) What is Salami Attack ? 6 + 4 + 3 + 2
8. a) Define Cyberstalking. How stalking works ?
 b) Explain the difference between passive and active attacks.
 c) Explain the different attacks launched with attack vector.
 d) What is Cyberbullying ? 6 + 4 + 3 + 2
9. a) What is the difference between Steganography and Cryptography ?
 b) What are the different kinds of attacks on mobile/cell phones ? Explain with examples.
 c) What is blind SQL injection attack ? How can it be prevented ?
 d) What is forgery ? 3 + 6 + 4 + 2
10. a) What is ID theft ? What are the techniques of ID theft ?
 b) What are the steps to protect Dos/DDos attack ?
 c) What is buffer overflow ? Discuss about the types of buffer overflow.
 d) What is DNS redirection ? 4 + 4 + 4 + 3
11. Write short notes on any *three* of the following : $3 \times 5 = 15$
 a) Spear Phishing
 b) Backdoor
 c) Smishing
 d) WAPkitting and WAPjacking
 e) Dos and DDos.