

GURU NANAK INSTITUTE OF TECHNOLOGY
An Autonomous Institute under MAKAUT
2022
CYBER LAW AND IPR
IT803B

TIME ALLOTTED: 3 HRS

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)**Answer any **ten** from the following, choosing the correct alternative of each question: **10×1=10**

- | | Marks | CO No. |
|--|-------|--------|
| 1. (i) Which of these is a standard interface for serial data transmission?
a) ASCII
b) RS232C
c) 2
d) Centroids | 1 | CO3 |
| (ii) All of the following are examples of real security
a) Spam
b) Virus
c) Hackers
d) Worm | 1 | CO1 |
| (iii) Viruses are ____
a) Man made
b) Naturallu occur
c) Machine made
d) All of these | 1 | CO2 |
| (iv) Firewall is a type of ____
a) Virus
b) Security thread
c) Worm
d) none of these | 1 | CO4 |
| (v) Unsolicited commercial email is known as ____
a) Spam
b) Malware
c) Virus
d) Spyware | 1 | CO3 |

- | | | |
|---|---|-----|
| (vi) Which of the following is a class of computer threat? | 1 | CO1 |
| a) Dos attacks | | |
| b) Phishing | | |
| c) Soliciting | | |
| d) stalking | | |
| (vii) A virus is a network ____ issue | 1 | CO3 |
| a) Security | | |
| b) Performance | | |
| c) Reliability | | |
| d) none of these | | |
| (viii) Bluetooth is a example of | 1 | CO4 |
| a) Personal area network | | |
| b) LAN | | |
| c) MAN | | |
| d) Virtual private network | | |
| (ix) The first network was | 1 | CO3 |
| a) ARPANET | | |
| b) CNNNET | | |
| c) ASPANET | | |
| d) NSFNET | | |
| (x) The ____ address identifies process on a host | 1 | CO3 |
| a) Port | | |
| b) IP | | |
| c) Physical | | |
| d) Logical | | |
| (xi) The ____ address uniquely defines a host on the internet | 1 | CO5 |
| a) IP | | |
| b) Physical | | |
| c) Port | | |
| d) specific | | |

GROUP – B

(Short Answer Type Questions)

Answer any *three* from the following: 3×5=15

- | | Marks | CO No. |
|---|--------------|---------------|
| 2. What do you mean by Cyber Crime? | 5 | CO2 |
| 3. Describe different types of cyber criminals and explain each one briefly. What is DNS? | 5 | CO3 |
| 4. What is server? What is the difference between proxy server and anonymizer? | 5 | CO4 |
| 5. What is blind SQL injection? How it can be prevented? | 5 | CO2 |

6. Discuss about the impact of IT act amendments in IT organization. 5 CO2

GROUP – C**(Long Answer Type Questions)**Answer any *three* from the following: 3×15=45

	Marks	CO No.
7. (a) Describe the steps to reduce cyber risk.	10	CO3
(b) Who are the cyber criminals?	5	CO1
8. (a) What are the various types of cybercrime?	3	CO2
(b) What is Proxy IP? What do You mean by Hacking?	6	CO3
(c) Define Depth of Defense (DoD). What is Proxy Server?	3	CO4
(d) Describe security challenges in mobile posted by mobile device?	3	CO3
9. (a) Describe IT act? What do you mean by active attack and passive attack? Explain how criminal plans attack.	6	CO5
(b) What is server? What is impact of cyber crime?	6	CO3
(c) What do you mean by SQL injection?	6	CO2
10. (a) What is IP spoofing? What is Trojan horses and Backdoors? Explain basic of Indian Evidence act?	9	CO2
(b) What do cybercriminals targets? What is DOS and DDOS attacks?	6	CO2
11. Short note any three.		3X5=15
(a) Trojan	5	CO4
(b) Hacking.	5	CO3
(c) Virus	5	CO4
(d) Bluetooth	5	CO2
(e) Cyber terrorism.	5	CO1