

**GURU NANAK INSTITUTE OF TECHNOLOGY**  
**An Autonomous Institute under MAKAUT**  
**2021**  
**CYBER LAW AND SECURITY POLICY**  
**IT802B**

**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**

|        |   | <b>Marks</b> | <b>CO No</b> |
|--------|---|--------------|--------------|
| 1(i)   | Which of the following is an anti-virus programme<br>a) Norton<br>b) K7<br>c) Quick heal<br>d) All of these           | 1            | CO3          |
| 1(ii)  | All of the following are examples of real security<br>a) Spam<br>b) Virus<br>c) Hackers<br>d) Worm                    | 1            | CO1          |
| 1(iii) | Viruses are____<br>a) Man made<br>b) Naturallu occur<br>c) Machine made<br>d) All of these                            | 1            | CO2          |
| 1(iv)  | Firewall is a type of ____<br>a) Virus<br>b) Security thread<br>c) Worm<br>d) None of these                           | 1            | CO4          |
| 1(v)   | Unsolicited commercial email is known as ____<br>a) Spam<br>b) Malware<br>c) Virus<br>d) Spyware                      | 1            | CO3          |
| 1(vi)  | Which of the following is a class of computer threat<br>a) Dos attacks<br>b) Phishing<br>c) Soliciting<br>d) Stalking | 1            | CO1          |

|         |  |   |     |
|---------|--|---|-----|
| 1(vii)  | A virus is a network ____ issue<br>a) Security<br>b) Performance<br>c) Reliability<br>d) None of these     | 1 | CO3 |
| 1(viii) | Bluetooth is a example of<br>a) Personal area network<br>b) LAN<br>c) MAN<br>d) Virtual private network    | 1 | CO4 |
| 1(ix)   | The first network was<br>a) ARPANET<br>b) CNNNET<br>c) ASPANET<br>d) NSFNET                                | 1 | CO3 |
| 1(x)    | The ____ address identifies process on a host<br>a) Port<br>b) IP<br>c) Physical<br>d) Logical             | 1 | CO3 |
| 1(xi)   | The ____ address uniquely defines a host on the internet<br>a) IP<br>b) Physical<br>c) Port<br>d) Specific | 1 | CO5 |

**GROUP – B**

**(Short Answer Type Questions)**

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

|    |   | <b>Marks</b> | <b>CO No</b> |
|----|---|--------------|--------------|
| 2. | Explain category of Cybercrime?   | 5            | CO2          |
| 3  | Describe different types of cyber criminals and explain each one briefly. | 5            | CO3          |
| 4. | 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 on IT organization          | 5            | CO5          |

**GROUP – C**

**(Long Answer Type Questions)**

Answer any *three* from the following: **3×15=45**

|       |  | <b>Marks</b> | <b>CO No</b> |
|-------|--|--------------|--------------|
| 7. a) | Describe the steps to reduce cyber risk.   | 10           | CO3          |
| b)    | Who are the cyber criminals?   | 5            |              |
| 8.a)  | What is information? What information should you protect? What are the risks of your information and how much risk can you accept? | 9            | CO4          |

|       |   |   |     |
|-------|---|---|-----|
| b)    | How can you ensure that you have the best possible understanding of the threat to your business?          | 3 | CO4 |
| c)    | How do you embed risk management within your computer?  | 3 | CO3 |
| 9.a)  | What would happen to the business if one of your risks becomes a reality?                                 | 3 | CO2 |
| b)    | Describe CKC in details. What do you mean by Hacking?   | 6 | CO3 |
| c)    | Define Depth Of Defence(DoD). What is Proxy Server?   | 3 | CO4 |
| d)    | Describe security challenges in mobile posted by mobile device?   | 3 | CO3 |
| 10.a) | Describe IT act? What do you mean by active attack and passive attack? Explain how criminals plan attack. | 5 | CO5 |
| b)    | What is server? What is impact of cyber crime?  | 5 | CO3 |
| c)    | What do you mean by SQL injection?  | 5 | CO2 |
| 11.a) | What is Trojan horses and Backdoors? Explain basic of Indian Evidence act?                                | 9 | CO3 |
| b)    | What do cybercriminals target? What is DOS and DDOS attacks?  | 6 | CO2 |