



R20 Regulation

Subject code:3P7GB

# TKR COLLEGE OF ENGINEERING AND TECHNOLOGY

(Autonomous, Accredited by NAAC with 'A+' Grade)

## B.Tech VII Semester Regular/Supplementary Examinations, December 2024

### CYBER SECURITY (CSE(AIML))

Maximum Marks: 70

Date:02.01.2025

Duration: 3 hours

- Note:
1. This question paper contains two parts A and B.
  2. Part A is compulsory which carries 20 marks. Answer all questions in Part A.
  3. Part B consists of 5 Units. Answer any one full question from each unit which carries 10M.
  4. Each question carries 10 marks and may have a, b, c, d as sub questions.

#### Part-A

All the following questions carry equal marks		(10X2M=20 Marks)	CO	Bloom Tx
1	Define Cybercrime.		1	L1
2	What is Cyber Stalking?		1	L1
3	Define Mobile Computing.		2	L1
4	What do you mean by smart phone?		2	L1
5	How Phishing works come up with an active example?		3	L1
6	Define Steganography.		3	L1
7	What is the major amendment of the IT Act 2008		4	L1
8	Write the punishment for hacking cyber crime?		4	L2
9	What do you mean by cloud computing.		5	L1
10	What are the IPR issues in cyber crime?		5	L1

#### Part-B

Answer All the following questions.(5X10M=50Marks)			CO	Bloom Tx
11	Discuss about the cybercrimes like Pornographic Offenses, Hacking, and Usenet Newsgroup as the source? [10M]		1	L2
OR				
12.a)	Elaborate the Legal Perspective and Indian Perspective of cybercrime. [5M]		1	L3
b)	Discuss various types of Cyber Stalkers with a case study. [5M]			
13.a)	Describe the Proliferation of Mobile and Wireless Devices in detail. [5M]		2	L3
b)	Explain in detail the Security Challenges posed by Mobile Devices [5M]			L2
OR				
14.a)	Give the importance of security policies related to Hand held devices [5M]		2	L2
b)	Outline the different types and techniques of Credit Card Frauds. Explain. [5M]			L2
15.a)	Define DDoS Attack and explain how to protect from DDoS attacks. [5M]		3	L1
b)	State the buffer overflow. Discuss how to minimize Buffer Overflow? [5M]			L3

	OR		
16.a)	Discuss how hacker uses the SQL injections to hack the information. [5M]	3	L1
b)	Identify the techniques used in buffer overflow. [5M]		L3
17	List and explain important laws related to Cyber Crime [10M]	4	L3
	OR		
18	Explain the Cryptographic perspective on the Indian IT Act in detail. [10M]	4	L2
19 a)	Explain web threats for organizations. [5M]	5	L3
b)	Explain Incident handling in cyber security. [5M]		
	OR		
20	Identify the reasons why organizations use social media marketing to promote their products and services. [10M]	5	L3