

TKR COLLEGE OF ENGINEERING AND TECHNOLOGY

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

B.Tech VII Semester Supplementary Examinations, May 2025

CYBER SECURITY

(CSE(DS))

Maximum Marks: 70

Date: 31.05.2025

Duration: 3 hours

- Notes:**
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 two full questions from each unit.
 4. Each question carries 10 marks and may have to be done by students.

PART-A

All the following questions carry equal marks (10x2M=20 Marks)		Marks	CO	BTL
1	Define Cyber security.	2M	1	L1
2	What is Vulnerability?	2M	1	L1
3	Define Cybercrimes.	2M	3	L1
4	What are the differences between stalkers and cyber stalkers?	2M	2	L1
5	Define mobile viruses and malware.	2M	3	L1
6	What are random passwords?	2M	3	L1
7	Define Intellectual Property Rights.	2M	4	L1
8	Classify the types of IPRT.	2M	4	L1
9	What is Data Privacy law about?	2M	5	L1
10	What is meant by data linking and profiling?	2M	5	L1

Part-B

Answer All the following questions. (3x10M=30M marks)		Marks	CO	BTL
11	Explain the terms of cyber terrorism with examples. OR	10M	1	L2
12	a) List the cybercrimes in India during 2000 b) What is cyber Stalking? Annotate your understanding in the crime code-wise Indian IT Act?	5M 5M	1	L2
13	Explain briefly about Forensic Investigation. OR	10M	2	L2
14	a) Explain the need for computer forensics and its challenges. b) Explain cyber security policy.	5M 5M	2	L2
15	a) Explain proliferation of mobile and wireless devices b) Explain security challenges associated with mobile devices. OR	5M 5M	3	L2
16	Explain the types of techniques of Credit card Frauds.	10M	3	L2

17	a) Explain Intellectual property in the cyberspace. b) Evaluate the role of social media in cyber security?	5M 5M	4	L2
	OR			
18	Explain the cost of cybercrimes and IPR issues.	10M	4	L2
19	Explain Privacy policy languages.	10M	5	L2
	OR			
20	Explain the Value and Importance of Health Information Privacy.	10M	5	L2