



R20 Regulation

Subject code: 3E7HB

TKR COLLEGE OF ENGINEERING AND TECHNOLOGY

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

B.Tech VII Semester Supplementary Examinations, November 2025

CYBER SECURITY

(CSE(DS))

Maximum Marks: 70

Date: 28.11.2025

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.
 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)		Marks	CO	BTL
1	What are the Data Privacy Attacks	2M	1	L1
2	Differentiate the passive attacks and active attacks?	2M	1	L1
3	Explain the term cyber terrorism?	2M	2	L1
4	Define Cyber bullying	2M	2	L1
5	What are the security policies providing for mobile?	2M	3	L1
6	What is Smishing?	2M	3	L1
7	What are the Social media security risks for businesses:	2M	4	L1
8	What is Web Threat	2M	4	L1
9	What are the Data Privacy Attacks	2M	5	L1
10	Describe briefly about Relationship discovery	2M	5	L1

Part-B

Answer All the following questions. (5X10M=50Marks)		Marks	CO	BTL
11	Explain briefly about Forensics Investigation.	10M	1	L2
OR				
12	a) List the cybercrimes in India during 2000. b) What is cyber Stalking? As per your understanding is it a crime under the Indian IT Act?	5M 5M	1	L2
13	a) Explain proliferation of mobile and wireless devices. b) Explain security challenges posed by mobile devices.	5M 5M	2	L2
OR				
14	Describe about Digital Evidence and its characteristics.	10M	2	L2
15	Explain the types of techniques of Credit card Frauds.	10M	3	L2
OR				
16	Explain about smishing and vishing attacks on mobiles.	10M	3	L2
17	Explain the Organizational Implications of software privacy.	10M	4	L2

	OR			
18	Describe social computing and explain the associated challenges for organizations.	10M	4	L2
19	a) Explain privacy policies and their specifications. b) Explain Indian Case of Intellectual Property Crime.	5M 5M	5	L2
	OR			
20	Explain the Value and Importance of Health Information Privacy.	10M	5	L2