



R18 Regulation

Subject code: 2E7EB

TKR COLLEGE OF ENGINEERING AND TECHNOLOGY

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

B.Tech VII Semester Supplementary Examinations, November 2023

NETWORK SECURITY (Computer Science and Engineering)

Maximum Marks: 70

Date:11.12.2023 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)

1	Write short notes on TLS?	L1
2	Define integrity.	L1
3	Define wireless security.	L1
4	Define IEEE 802.11 Wireless lan.	L1
5	Define active and passive attack.	L1
6	Define virus.	L1
7	What is IP address spoofing?	L1
8	Define spyware.	L1
9	Define network management.	L1
10	Define security management.	L1

Part-B

Answer All the following questions.

(5X10M=50Marks)

11	Write in detail about web security considerations? [10]	L1
	OR	
12	Explain in detail about SSL and TLS. [10]	L1
13	Explain about A) pair wise keys B) group keys C) PTK parts [4+3+3]	L1
	OR	
14	Explain in detail about WAP. [10]	L1
15	Explain the Approaches to Intrusion Detection. [10]	L1
	OR	
16	Write in detail about wireless network threats? [10]	L1
17	Write in detail about design goals of firewalls and its limitations? [10]	L2
	OR	
18	Write short notes on a) packet filtering router b) application level gateway [5+5]	L1
19	Explain the concepts of SNMP & SNMPv1. [10]	L1
	OR	
20	What is key localization in SNMP? [10]	L2