



R20 Regulation

Subject code:3P5EC

TKR COLLEGE OF ENGINEERING AND TECHNOLOGY

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

B.Tech V Semester Supplementary Examinations, December 2024

COMPUTER NETWORKS

(CSE)

Maximum Marks: 70

Date:31.12.2024

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	What are the features provided by Physical layering?	1	L1
2	What is OSI?	1	L1
3	What is error correction?	2	L1
4	What is byte stuffing?	2	L1
5	What are the functions of mac?	3	L1
6	Define flow control.	3	L1
7	Define congestion.	4	L1
8	What is a port?	4	L1
9	What are the two types of connections in FTP?	5	L1
10	What are the basic functions of email?	5	L1

Part-B

Answer All the following questions. (5X10M=50Marks)

		CO	Bloom Tx
11	Explain about topologies in detail. [10M]	1	L2
	OR		
12	What is Multiplexing? Explain in detail about Various types of Multiplexing. [10M]	1	L2
13	Write in detail about error detection & correction techniques? [10M]	2	L2
	OR		
14	Explain about ALOHA in detail. [10M]	2	L2
15	Write short notes about repeaters, routers and gateways. [10M]	3	L2
	OR		
16	Explain about logical addressing in detail. [10M]	3	L2
17	A) Explain about TCP Services. [5M] B) Explain about Flow and Error Control in TCP. [5M]	4	L2
	OR		
18	Explain in detail about QOS in switched networks. [10M]	4	L2
19	Explain about the domain name system. [10M]	5	L2
	OR		
20	Write about SNMP? [10M]	5	L2