



R18 Regulation

TKR COLLEGE OF ENGINEERING AND TECHNOLOGY

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

Subject code:2P5EB&2P5FB

B.Tech V Semester Supplementary Examinations, December 2024

COMPUTER NETWORKS (Common to CSE & IT)

Maximum Marks: 70

Date:28.12.2024

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 layering	1	L1
2	What is OSI?	1	L1
3	What is error correction	2	L1
4	Define flow control	2	L1
5	What is the need of internetwork?	3	L1
6	Define ICMP	3	L1
7	What are the fields on which the UDP checksum is calculated? why?	4	L1
8	What is TCP?	4	L1
9	Define the two types of user agents in the electronic mail system	5	L1
10	What is DNS?	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	Explain the OSI Model in detail [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	Explain about data traffic in detail. [10M]	4	L2
	OR		
18	Explain about process to process to delivery in detail. [10M]	4	L2
19	Describe about the www in detail. [10M]	5	L2
	OR		
20	Explain about FTP. [10M]	5	L2