



B.Tech VII Semester Supplementary Examinations, December 2024

COMPUTER NETWORKS
(ECE)

Maximum Marks: 70

Date:30.12.2024

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 checksum.	2	L1
5	Define router	3	L1
6	Define flow control	3	L1
7	What is multiplexing?	4	L1
8	What is a port?	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 a) Frame Relay b) ATM C) ISDN [10M]	1	L2
	OR		
12	Explain about transmission media in detail [10M]	1	L2
13	Explain about data link layer and its framing concept [10M]	2	L2
	OR		
14	Explain about a)Noiseless channels b) noisy channels [10M]	2	L2
15	Define routing & explain distance vector routing and link state routing. [10M]	3	L2
	OR		
16	Define bridge and explain the type of bridges. [10M]	3	L2
17	Write in detail about a)Integrated services b)Differentiated services [10M]	4	L2

	OR			
18	Explain in detail about QOS in switched networks	[10M]	4	L2
19	Explain about the protocols associated with the electronic mail system.	[10M]	5	L2
	OR			
20	Describe about the HTTP in detail.	[10M]	5	L2