



MARWADI UNIVERSITY

Faculty of Engineering

(Computer Engineering)

B. Tech.

SEM: 4

MID-SEM. EXAM: I

FEBRUARY 2024**Subject: - Computer Network (01CE0410)****Date:- 27/02/2024****Total Marks:-30****Time: - 75 Minutes****Instructions:**

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.
4. Do not write/sign/indication/tick mark anything other than Enroll No. at a specific place on the question paper.

Question: 1.**[6]**

- (1) What is Socket Address and what are the difference between IP Address and Socket Address?
- (2) The HTTP uses port no. _____
- (3) The term FTP stands for?
- (4) Repeater is the device used to boost up a weak signal. True or False.
- (5) The arrangement where all data pass through a central computer is known as _____
- (6) What of the following device is used in the network layer?
1) Application Gateway 2) Switch 3) Router 4) Repeaters

Question: 2.**[12]**

- (a) Compare Persistent and non-persistent HTTP. **[6]**
- (b) Explain TCP/IP Model in detail. **[6]**

OR

- (b) Explain OSI model in detail. **[6]**

Question: 3**[12]**

- (a) Explain Bus, Star, Ring and Mesh topology. **[8]**
- (b) Compare Connection less and connection-oriented service. **[4]**

OR

- (a) Explain the Protocols of Email Service. **[8]**
- (b) Draw and discuss each field of UDP Header. **[4]**

---Best of Luck---

- Bloom'S Taxonomy Report -

Sub: Computer Network

Sem.:4

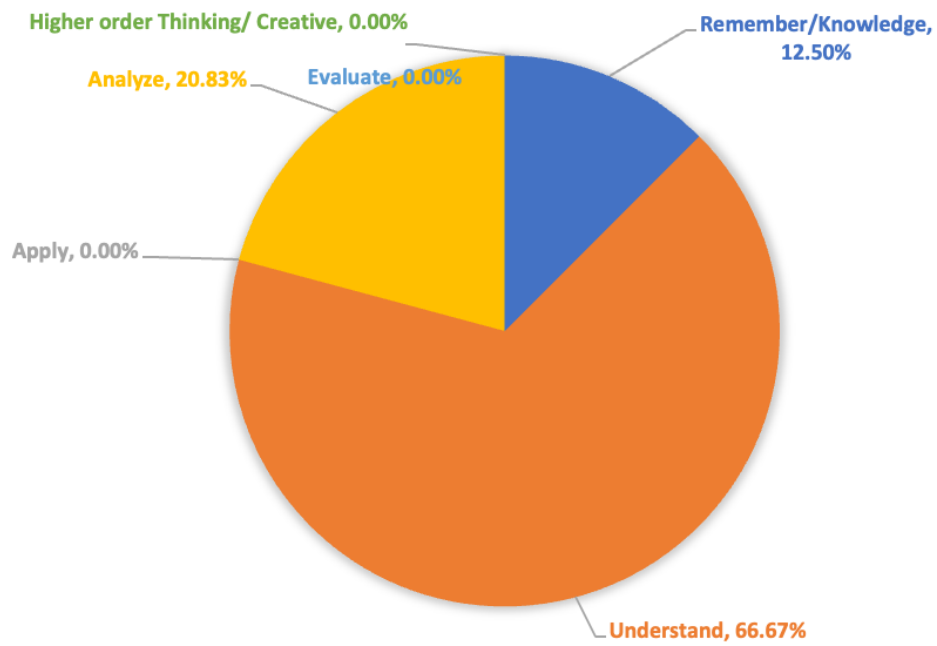
Branch: Computer Engineering

Que. Paper weightage as per Bloom's Taxonomy

LEVEL	% of weightage	Question No.	Marks of Que.
Remember/Knowledge	12.50%	Q1	6
Understand	66.67%	Q2(b, b-or), Q3(a, a-or, b-or)	32
Apply	0.00%		0
Analyze	20.83%	Q2(a), Q3(b)	10
Evaluate	0.00%		
Higher order Thinking/ Creative	0.00%	-	0

Chart/Graph of Bloom's Taxonomy

QUE. PAPER WEIGHTAGE AS PER BLOOM'S TAXONOMY



Course Outcome Wise Questions

Subject Code	01CE0410	Subject	COMPUTER NETWORK
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CO No.	Course Outcome
CO1	Understand the basic terminologies used in networking, various networking topologies, switching techniques and layered architecture of computer network. (Understand)
	1(A), 2(B), 2(B-Or), 3(A)
CO2	Understand various networking protocols of application layer. (Understand)
	1(A), 2(A), 3(A-Or)
CO3	Distinguish connection oriented and connection less protocols used for reliable data transfer and relate with flow control and congestion control. (Analyse)
	1(A), 3(B), 3(B-Or)
CO4	Apply the concept of IP addressing and subnetting for IP based networks also demonstrate routing protocols. (Apply)
CO5	Demonstrate error correction and error detection techniques in data link layer, use of random access and CSMA protocol. (Apply)

Blooms Taxonomy	Question List
Remember / Knowledge	1(A)
Understand	2(B), 2(B-Or), 3(A), 3(A-Or), 3(B-Or)
Apply	
Analyze	2(A), 3(B)
Evaluate	
Higher order Thinking / Creative	