



MARWADI UNIVERSITY
Faculty of Technology
Information Technology

B.Tech

SEM: 4th

MID-SEM. EXAM: I

MARCH: 2023

Enroll. No. _____

Subject: - Computer Network (01IT1401)

Date:-02/03/2023

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 the collection of the hyperlinked document on the internet known as?
- (2) _____ is the most common internet protocol.
- (3) The term FTP stands for?
- (4) _____ is the device used to boost up a weak signal.
- (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.
- (b) Explain TCP/IP Model.

OR

- (b) Explain OSI model in detail.

Question: 3

[12]

- (a) Explain Bus, Star, Ring and Mesh topology.
- (b) Explain Connection less and connection-oriented service.

OR

- (a) Explain FTP, POP3 and IMAP in detail.
- (b) Explain Delay in detail.

---Best of Luck---

- Bloom's Taxonomy Report -

Sub: CN

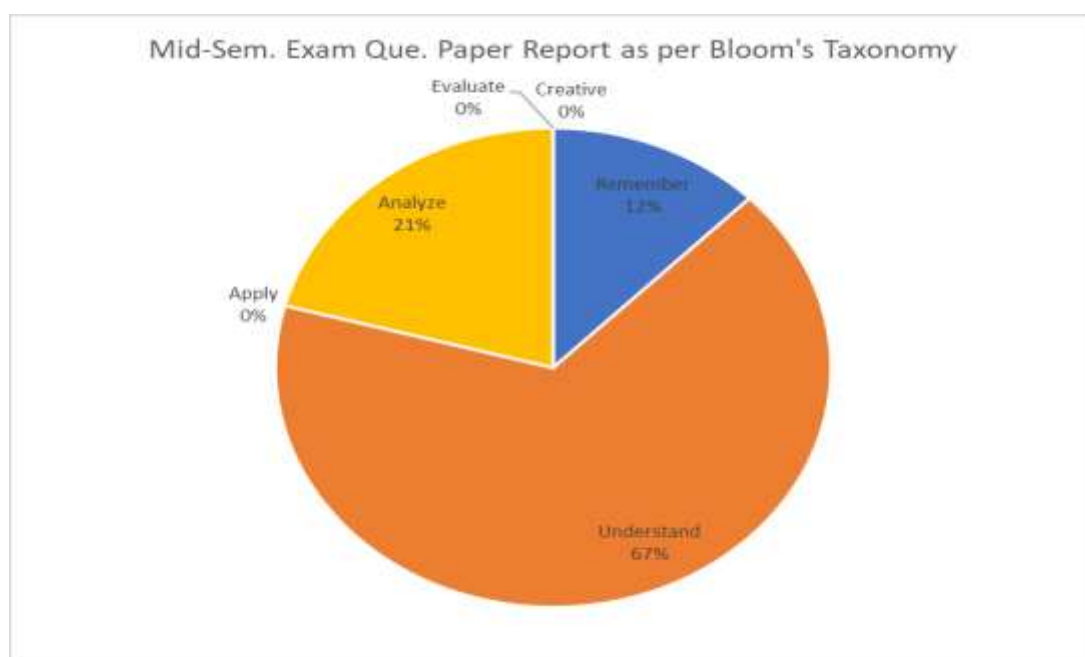
Sem.: 4th

Branch: Information Technology

Que. Paper weightage as per Bloom's Taxonomy

LEVEL	% of weightage	Question No.	Marks of Que.
Remember/Knowledge	12.5	Q1	6
Understand	66.666667	Q2(b,b-or),Q3(a,a-or,b-or)	32
Apply	0		0
Analyze	20.833333	Q2(a),Q3(b)	10
Evaluate	0		0
Higher order Thinking/ Creative	0		0

Chart/Graph of Bloom's Taxonomy



Course Outcome Wise Questions

Subject Code	01IT1401	Subject	COMPUTER NETWORK
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CO No.	Course Outcome
CO1	Describe the importance of computer networks and various performance metrics.
	3(B-Or)
CO2	Distinguish and relate various protocols in layered architecture of computer networks.
	1(A), 2(A), 2(B), 2(B-Or), 3(A-Or), 3(B)
CO3	Explain various topological and routing strategies for IP based networks.
	1(A), 3(A)
CO4	Prepare client server application using socket programming
CO5	Compare various devices and protocols that builds computer network.
	1(A)

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	