

	Course Name:	Computer Networks	Course Code:	CS 3001
	Program:	BS (Software Engineering)	Semester:	Spring 2023
	Duration:	20 minutes	Total Marks:	15
	Paper Date:	3-May-2023	Section	6A
	Exam Type:	Quiz 4 - Chapter 4	Page(s):	1

Student Name

Roll No.

Section:

Q1. Encircle the correct option:

[5 marks –CLO3]

- The IP version 4 address has _____ bits
 a) 4 **b) 32** c) 128 d) 24
- ICMP is primarily used for _____
 a) Routing b) Addressing c) Forwarding **d) Error and Diagnostic Functions**
- A best-effort delivery service such as IPv4 include:
 a) Congestion Control b) Error Correction c) Datagram Acknowledgment **d) None of the above**

True/False:

- Fragmentation is allowed in both, i.e. IP version 4 & IP version 6. [T / **F**]
- The IP version 4 address consist of 4 octets. **T** / F]

Q2. Dry run Dijkstra's algorithm on the following graph (Source Node: u). Draw table (all the iterations) and minimum spanning tree.



