

Ref. No: CUIET/CSE/ACAD/2023/138

Date: 20-04-2023

## **NOTICE**

Test Type: ST

Test No: 2

Total Marks: 40

Duration: 90min

Name of Course Coordinator: **Dr. Amanpreet Kaur**

Course Code.: **CS156**

Course Title: **Introduction to Computer Networks**

Day: **Monday**

Date: **1st May, 2023**

Time: **9:00AM**

Mode: **Offline**

Programme & Semester: **B.E.(CSE) & 4<sup>th</sup> Sem**

Syllabus for Test:

**Network Layer:** Concept of IP packet and addresses, IPv4 protocol format, Routing Algorithm-Distance Vector Routing, Link State Routing, ICMP, IGMP, IPV6, Transition from IPv4 to IPv6(format), Static and

**Dynamic routing algorithms:** Shortest Path Routing, Routing Protocols (Static and Dynamic): RIPv1 & v2, Network Classes (A, B, C, D) and Subnetting, Network Classes (A, B, C, D) and Subnetting

**Transport layer:** Services, Connection Less and Connection Oriented protocol, Transport Layer Protocols, TCP Connection, Three Way Handshaking, TCP / UDP Message Format

Format of Assessment:

No. of Questions: **5 MCQs - 1 marks, 5 Questions - 3 marks, 2 Questions - 5 marks, and 1 Question- 10 marks**

Remarks, if any:



Signature of Course Coordinator: **Dr. Amanpreet Kaur.....**