

### **Evaluation Question for Experiment No. 8**

In a LAB, there are eight computers, and all the computers have a serial number. The serial number starts with CC1 and ends at CC8. All eight computers (CC1-CC8) are connected to a CSMA/CD based LAN. The Ethernet is a shared medium, where nodes broadcast packets to the medium and the corresponding destinations accepts the packet. In that network, Node CC3 act as a UDP source and CC5 is the destination. They are exchanging packets at a constant bit rate. Implement the scenario in the ns3 simulator and measure the performance matrix such as throughput, average delay, and packet loss ratio in the communication for 100 seconds.