

## COMPUTER NETWORKS CSE 603

### Assignment # 1

Due Date: 4th May 2020

Late submission will not be accepted.

1. Write notes on different network topologies along with a sketch of each.
  
2. Explain the following:
  - i. PAN
  - ii. BAN
  - iii. MAN
  - iv. CAN
  - v. SAN
  - vi. LAN
  - vii. WAN
  
3. Compare Circuit switching with packet switching
  
4. Using an example of your own, explain all the delays associated with the transmission of a packet in a network. The example should have numerical values and a figure as well.
  
5. With an example, explain what is store and forward delay.
  
6. What is statistical multiplexing? How is it different than multiplexing in circuit-switched networks ?
  
7. Compare datagram network with virtual circuit network?