St.Joseph's College of Engineering

Department of IT

CS6551-Computer networks - Assignment 1

Part-A

1. Compare LAN and WAN.
2. What is the difference between stop and wait and sliding window protocol?\
3. Define Piggybacking?
4. What do you mean by Flow Control and error control?
5. Define error detection and correction.
6. Define bit stuffing.
7. What do you meant by framing?
8. Define a layer.

Part-B

1) Discuss in detail about the layers in OSI model.
2) Explain in detail about error detection and error Correction.
3) Discuss in detail about the Byte- oriented Protocols (PPP), Bit-oriented Protocols (HDLC) and SONET.
4) Explain sliding window flow control and stop and wait flow control in detail.