Assignment No. 2

Subject : Computer Network

Unit 2:Network LAN Technologies

Q.1 Describe the evolution of Ethernet technologies, comparing and contrasting their key characteristics, and explain how Wireless LANs differ in their operational principles at the Data Link Layer.

Q.2 Explain the significance of Error Detection and Correction at the Data Link Layer, detailing various techniques and the mechanisms of Automatic Repeat Request (ARQ) protocols.