Lab 13 CSIT127

1. What are the encoding schemes that can be used to transmit digital data with digital signals?

NRZ-L (Non return to zero level)

NRZI (Non return to zero inverse)

Manchester

Differential manchester

Bipolar AMI

1. What is the difference between pulse code modulation and delta modulation?

Delta take the slope of the wave and use 1 to mark the slope as up and 0 as down and it tracks or mimic the waveform of the analog wave

Pulse code modulation sample the wave at a specific interval. By taking a data point of the wave at a specific interval and the snapshots convert them to binary value

1. What is multiplexing?

When many devices share a single medium/signal to send/get their data