

St.Joseph's College Of Engineering
Department of ECE
CS6304 ANALOG AND DIGITAL COMMUNICATION
Assignment -III
UNIT III: DATA AND PULSE COMMUNICATION
PART-A

1. Define UART and USRT.
2. State sampling Theorem.
3. What is Aliasing or Fold over?
4. Define Nyquist rate and Nyquist interval.
5. What is Inter symbol Interference (ISI)?
6. What do you mean by Aperture Effect?
7. Define pulse code modulation.
8. What are the advantages of digital transmission?

PART-B

1. State and explain the various Error Detection methods.
2. State and explain the various Error Correction methods.
3. Explain the procedure of PCM generation and detection with its block diagram.
4. Explain RS-232 interface in detail.