

CS6304-Analog and Digital Communication

ASSIGNMENT_III

UNIT III : DATA AND PULSE COMMUNICATION

PART-A

1. What is meant by CRC?
2. Define FCS.
3. Give the primary functions of UART.
4. Define DTE and DCE.
5. What are the types of pulse modulation systems and define them?
6. Define aliasing error. Give the upper bound for the aliasing error.
7. What is Quantization and sampling?
8. What are the advantages of digital transmission?

PART-B

- 1.State and explain the various Error Detection methods and Error correction Methods
- 2.Explain in detail about serial and parallel interface.
- 3.Explain the procedure of PCM generation and detection with its block diagram.
- 4.i.Describe PAM.

ii)Compare various Pulse Communication System in detail