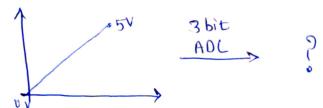
## Assignment Questions

- 1 List the differences blw
  - a) Digital of Analog Data
  - 6) Sevial of parallel Data tremsfer.
- D Explain 13 basic steps in Digital to Analog to Digital Conversion i) Sampling ii) (Holding iii) Quantization.
- 3 For a given ramp signal varying from 10 to 50, represent its equivalent digital (birasy) representation.



- Explain the following communication protocols, with its
- 6 List the differences the UART, IZC & SPI.
- (i) with the necessarisity of converting Analog Signal to Digital forms in embedded composing. Explain the following ADC with neat diagram.
  - is Sulleisive approximation ADC
  - ii) Flush type ADC.
- 1 With new block diagram, emplain R2R ladder type DAC.
- @ East the selection criteria's of ADCS DAC for different applications.
- 1. 20 Marks from workshop on Timme of it applications in umbedded System.