

Assignment No:- 4
Date:- 20/04/2020

1Q. Determine the Fourier series of periodic impulse train defined by

$$x(t) = \sum_{k=-\infty}^{\infty} \delta(t - kT_0)$$

2Q. Describe impulse response of a LTI System

3Q. Discuss in detail including Spectrum response, the process of Pre-emphasis and De-emphasis

4Q. ~~##~~ With the help of block diagram explain PAM, PWM and PPM.

5Q. Find ~~P~~ Noise figure of DSB-SC and SSB-SC Signal.