## ASSIGNMENT- 6 (REVISON)

- Durite fourier Series and find it's Coefficients in terms of Sine and cosine functions [Contex Expanding f(x)]? 20 m
- 2) make the change of variables 7 = 2 + 9t, 5 = 2 9t in the wave equation  $\frac{2^2F}{32^2} \frac{1}{9^2} \frac{3^2F}{3t^2} = 6$  and solve ? 20m
- 3 Derive and discuss the Velocity and acceleration in 20m
- Derive Kinematical equations of velocity and position 20m
- (5) Find A. (AXB) where A= 3î+4ĵ-5k and B=-î+2ĵ+6k