

SNS COLLEGE OF ENGINEERING



Coimbatore - 641 107

TOPIC 8: TUTORIAL 2

- 1. Find the inverse z transform of **the following** functions using partial fraction method $\frac{10z}{(z-1)(z-2)}$
- 2. Find the inverse z transform off the following functions using residue method $\frac{9z^3}{(3z-1)^2(z-2)}$
- 3. Find the inverse z transform of the pllowing functions using convolution theorem $\frac{z^2}{(z-\frac{1}{2})(z-\frac{1}{4})}$