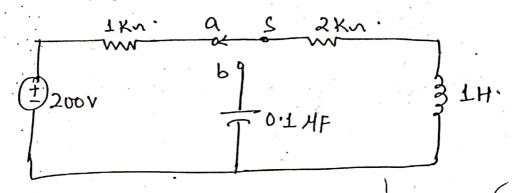
## Circuit and Systems Assignment No. 2

Que-1.3 Find the transient responses of series R-L and series R-C circuits having sinusoidal excitation.

dwitch s is changed from position a to position b' at t=0. Find an expression for current itt),

dilt and d2itt at t=0t



due 3. A 3-H inductor in the circuit shown in fig. below, carries a • 10.A initial current. The switch is cloped at t=0. Solve for current i.

