Indian Institute of Information Technology, Sri City, Chittoor
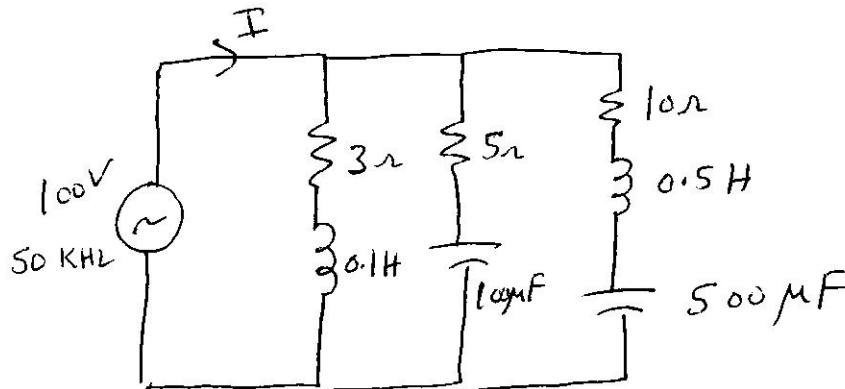
Set-2

Name of the Exam: Circuits and Networks   Duration: Max. Marks: 17
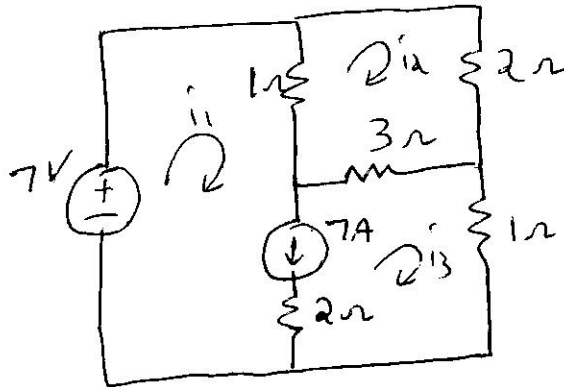

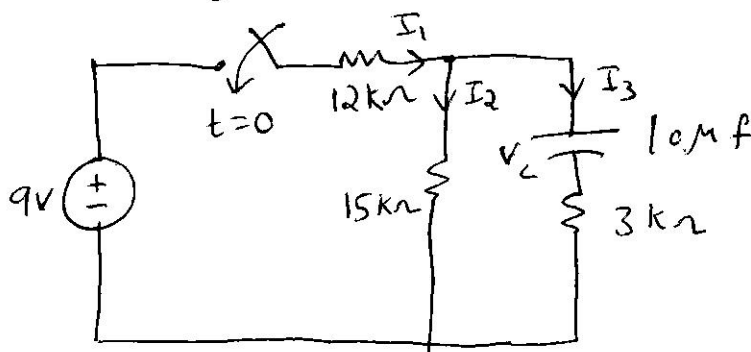1. for the given circuit, find I in rectangular & polar form.

   (5 Marks)

2. for the given circuit, write the equations using mesh analysis. If $i_3 = 2A$, find i_1 & i_2

   (4 Marks)

3. for the given circuit, find I_1, I_2, I_3 & V_c at $t = 0$

4) find $i(t)$ for $t > 0$. switch open at $t=0$

$t=0$

12Ω

8Ω

$5A$

$i(t)$

5Ω

$2H$