



Electrical and Electronics Engineering

Class test:02

Course: Circuit II

L1T2 (Sec: A, B, C, D, E & F)

Date:25.10.26

Q1. For the following circuit:

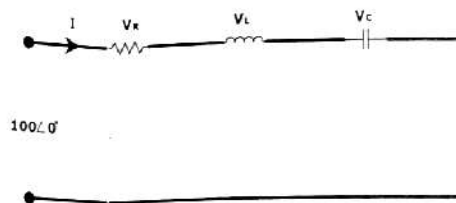
 $V_R = 90V$, $V_L = 220V$ and $V_C = 120V$, verify the KVL.

Fig. Q-1

Q2. For the following circuit:

- (a) Find V_1 using voltage divider rule and
 (b) Find I_o using current divider rule.

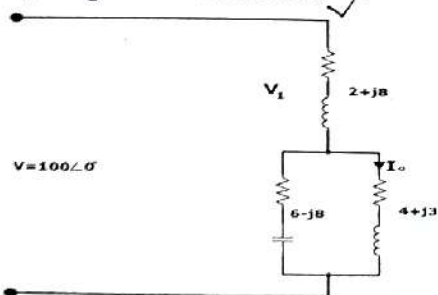


Fig. Q-2

Q3. For the following circuit:

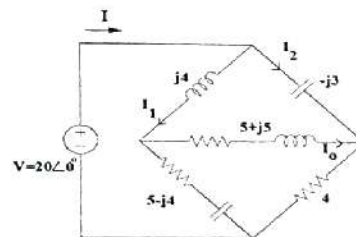
Find I_1 , if $I_o = 0$.

Fig. Q-3