

Correct Mark 2.00 out of 2.00

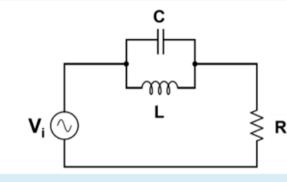
Question 3

▼ Flag

question

input signal to the circuit is $V_i = V_m Sin\omega t$. Determine the values of a and b. Given V_m =10.6 V, ω =1140 radians/second, R = 129 Ω , C = 3 μ F, L = 4 mH.

The equivalent impedance (Ω) of the circuit shown in figure below in Cartesian form can be represented as, $Z_{pq} = a + jb$ where $j^2 = -1$. The



Select one:

- a=380000129.00 and b=386020060.04
- a=129.00 and b=4.63 🗸
- a=129.00 and b=386020060.04
- a=133.56 and b=4.63