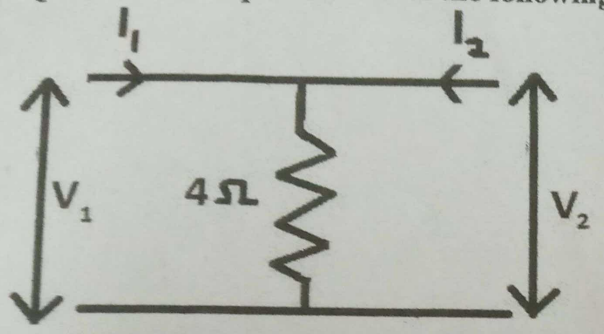
THIRD SESSIONAL, NETWORK THEORY ECE III SEM, A AND B

Time; 1 hrs **Marks; 15**

Q1: A symmetrical network is having $Z_{11}=2$, $Z_{12}=1$, $Z_{21}=1$, $Z_{22}=2$. Find if it is symmetric or reciprocal. [3]

Q2: A Reciprocal network is having $Y_{12}=3$, $Y_{11}=4$, $Y_{21}=2$, $Y_{22}=4$. Find if it is symmetric or reciprocal.[2]

Q3: Find the Z-parameters of the following Single element Network.[5]



Q4: Find the Y-parameters of the following Single element Network.[5]

