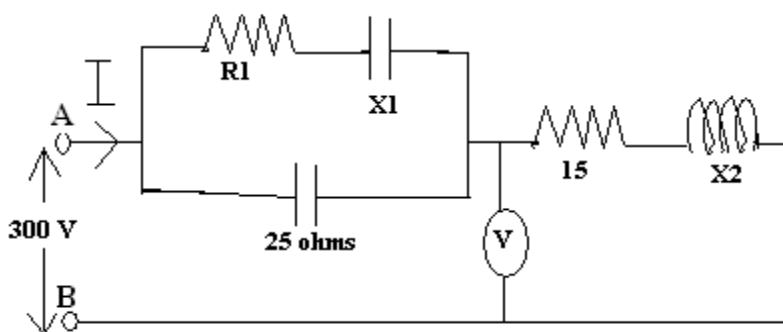


## Unit I: Assessment: Assignments

### Assignment – Lecture 32

1. The total current  $I$  in figure is 15A at a lagging p.f and the power consumed is 4kW. The voltmeter reading is 300V. Find the values of  $R_1$ ,  $X_1$  and  $X_2$ . Voltage across A and B is 300V.



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