

**Quiz 2**  
**Basic Electronics - ECE113**  
**Duration: 30 mins**  
**Marks: 10**

Date: 6/06/2022    Time: 04.10 pm-04.40 pm

1. In Fig. 1, determine the current in 12 Ohm resistance without using simultaneous equations. **(5 marks)**

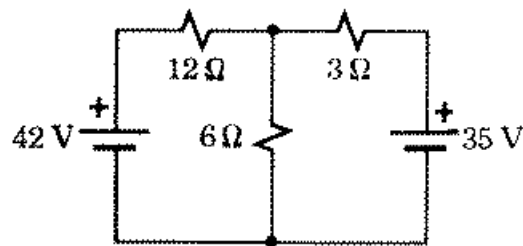


Figure 1

2. In Fig. 2, with switch S closed, the ammeter AM reads 60 mA. Predict the ammeter reading with switch S open. **(5 marks)**

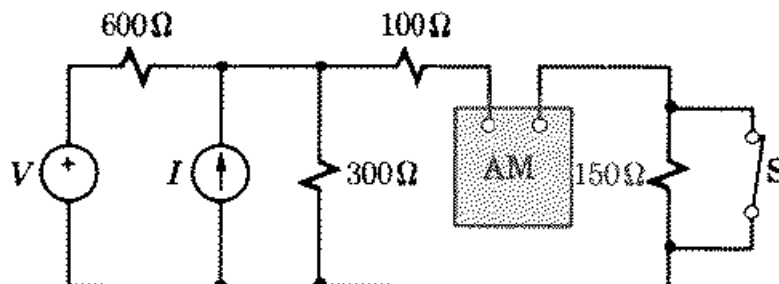


Figure 2