Class: BSSE-B10

Subject: Electric Circuit Analysis

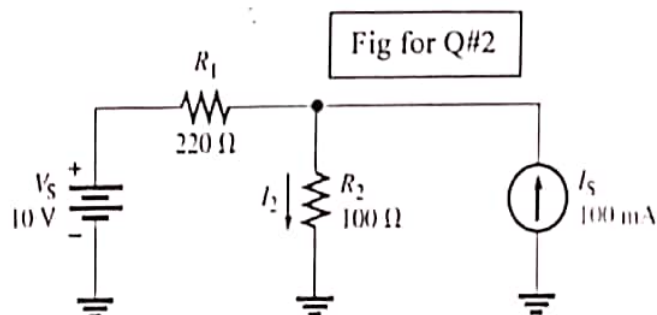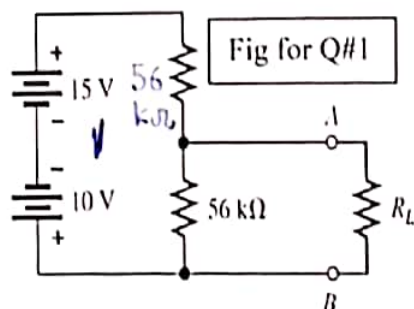Time Allowed: 90 min.

Name: Ahmer Iqbal

Date: 03-05-2018

Instructor: M. Rehan Ashraf

Max Marks: 15
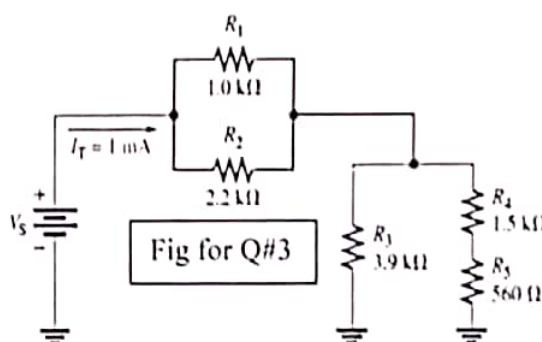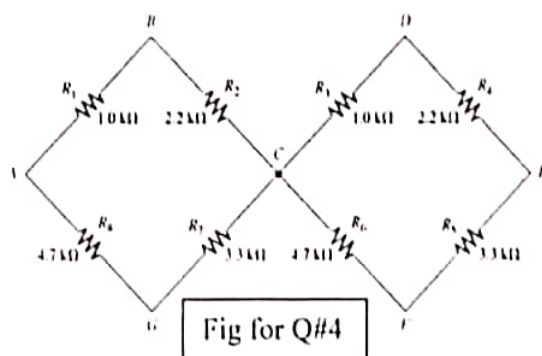
Registration # SP18 – BSE – 002

Q#01: Determine the Thevenin equivalent as seen from the terminals A and B. (5)

Q#02: Find the current through R_2 in the circuit given below. (4)

Fig for Q#1

Fig for Q#2

Q#03: Find the voltage drop and current through each resistor in the figure given below, also find the total applied voltage. (4)

Q#04: Find R_{AB}, R_{BC}, R_{CD} and R_{AE}. Only expressions are required, no need of exact values. (2)

Fig for Q#4

Fig for Q#3

Good Luck